

Addendum I

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

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

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

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

The following example illustrates the changes :-

September 2002

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

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Epicentral Estimates

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

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

Error Ellipses - The keywords have been shortened.

Observational Data

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

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

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

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

Station magnitude estimate - computed by the ISC.

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

Addendum II

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

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

Addendum III

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

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

NRK1	Nori'sk	62.58 340	i P	P	00 26 15.7 -0.2
NRK2	Nori'sk		pmax	pmax	
KURK	Kurchatov	62.59 318	P	P	00 26 16.3 +0.1
KURK	Kurchatov	62.59 318	eP	P	00 26 16.4 +0.1
KURK	Kurchatov		pmax	pmax	
KURK	Kurchatov	62.59 318	P	P	00 26 16.4 +0.1
I23K	Minto, Yukon-K	62.59 25	P	I Amb	00 26 16.2 +0.2
I23K	Minto, Yukon-K		I Amb		00 26 39.2
E22K	Anaktuvuk Pass	62.62 22	P	P	00 26 16.6 +0.3
KURB3	Kurchatov Arra	62.64 318	P	P	00 26 16.3 -0.3
KURB3	Kurchatov Arra		LR	LR	00 54 04.8
KURB3	Kurchatov Arra		LR	LR	00 54 04.8
KURB3	Kurchatov Arra		P/Pbcb	P/Pbcb	00 55 24.5 -7.5
KURB3	Kurchatov Arra		P	P	00 51 08.5
KURB3	Kurchatov Arra		LR	LR	00 51 08.5
KURB3	Kurchatov Arra		P	P	00 51 08.5
KURB3	Kurchatov Arra		LR	LR	00 51 08.5
TARG	Taragay, Kyrgy	62.84 308	P	P	00 26 18.9 +0.3
TARG	Taragay, Kyrgy		I Amb	I Amb	00 26 42.5
TARG	Taragay, Kyrgy		P	P	00 26 19.0 +0.3
TARG	Taragay, Kyrgy		pmax	pmax	
WRH	Wood River Hill	62.93 26	P	P	00 26 16.9 -1.4
RTZ	Rautahana	63.03 154	P	P	00 26 19.2 -0.1
CCB	Clear Creek Bu	63.02 26	P	I Amb	00 26 19.7 -1.5
CCB	Clear Creek Bu		I Amb	I Amb	00 26 55.9
D23K	Nanusuk River	63.30 21	P	P	00 26 20.9 +0.2
KDJ	Kajisay	63.30 309	I Amb	I Amb	00 26 21.1 -0.4
KDJ	Kajisay		I Amb	I Amb	00 26 23.2
KDJ	Kajisay		P	P	00 26 21.1 -0.4
KDJ	Kajisay		pmax	pmax	
E23K	Chandalar	63.37 22	P	P	00 26 20.9 -0.4
H24K	Noodor Dome	63.38 25	I Amb	I Amb	00 26 20.6 -0.7
H24K	Noodor Dome		I Amb	I Amb	00 26 45.3
MDOK	Medeo	63.39 310	eP	P	00 26 22.0 +0.1
MDOK	Medeo		P	P	00 26 22.1 +0.1
TNSS	Tian-Shan	63.47 310	eP	P	00 26 22.5 -0.3
TNSS	Tian-Shan		P	P	00 26 22.5 -0.3
AAA	Alma-Ata	63.49 310	eP	pmax	00 26 22.6 +0.1
AAA	Alma-Ata		pmax	pmax	
AAA	Alma-Ata		P	P	00 26 22.7 +0.1
IL31	Alma-Ata	63.51 26	I Amb	I Amb	00 26 21.1 -1.0
IL31	Alma-Ata		I Amb	I Amb	00 27 05.4
ILAR	Eielsen Array	63.51 26	P	P	00 26 21.5 -0.6
ILAR	Eielsen Array		P	P	00 26 20.8 -1.3
ILAR	Eielsen Array		P	P	00 26 23.8 +0.9
RAGM	Ragged Mountai	63.60 31	P	P	00 26 22.8 0.0
C23K	Itkikil River	63.62 20	P	P	00 26 22.8 0.0
G24K	Hadweencic Riv	63.77 24	I Amb	I Amb	00 26 22.9 -0.9
G24K	Hadweencic Riv		I Amb	I Amb	00 26 42.6
E24K	Your Creek	63.78 22	P	P	00 26 23.7 -0.3
F24K	Squaw Lake	63.84 23	I Amb	I Amb	00 26 24.8 +0.4
F24K	Squaw Lake		I Amb	I Amb	00 26 39.8
D24K	Happy Valley	63.99 21	P	P	00 26 25.6 +0.4
NRN	Naryn	64.20 308	I Amb	I Amb	00 26 27.3 -0.3
NRN	Naryn		I Amb	I Amb	00 27 12.4
NRN	Naryn		pmax	pmax	00 26 27.3 -0.3
NRN	Naryn		pmax	pmax	
C24K	Franklin Bluff	64.21 20	P	P	00 26 26.9 +0.3
BOOM	Boomsokoye usch	64.22 309	I Amb	I Amb	00 26 27.0 -0.5
BOOM	Boomsokoye usch		I Amb	I Amb	00 27 04.5
BOOM	Boomsokoye usch		P	P	00 26 27.0 -0.5
BOOM	Boomsokoye usch		pmax	pmax	
TGL	Tana Glacier	64.56 31	P	P	00 26 28.3 -1.0
MCARA	McCarthy VSAT	64.56 30	P	P	00 26 29.1 0.0
SCRK	Sand Creek	64.56 27	P	P	00 26 29.0 -0.3
FYU	Fort Yukon	64.60 24	P	P	00 26 29.2 0.0
KSH2	Kashi	64.64 305	pmax	pmax	00 26 31.0 +0.7
KSH2	Kashi		pmax	pmax	
KSH2	Kashi		LR	LR	00 26 28.3 -1.0
KSH2	Kashi		LR	LR	00 26 29.1 0.0
KSH2	Kashi		LR	LR	00 26 29.0 -0.3
KSH2	Kashi		LR	LR	00 26 29.2 0.0
L26K	Log Cabin Wild	64.67 28	P	I Amb	00 26 30.2 +0.4
L26K	Log Cabin Wild		I Amb	I Amb	00 26 51.2
F25K	Christian River	64.69 23	I Amb	I Amb	00 26 29.9 0.0
F25K	Christian River		I Amb	I Amb	00 26 48.0
M26K	Nabesna, AK	64.73 29	I Amb	I Amb	00 26 29.4 -0.9
M26K	Nabesna, AK		I Amb	I Amb	00 27 25.2
E25K	Arctic Village	64.84 22	P	I Amb	00 26 31.2 +0.3
E25K	Arctic Village		I Amb	I Amb	00 27 14.5
D25K	Kavik River	64.87 21	P	I Amb	00 26 31.1 0.0
D25K	Kavik River		I Amb	I Amb	00 27 01.2
HYB	Hyderabad	64.96 281	eP	eP	00 26 32.0 0.0
HYB	Hyderabad		eP	eP	00 26 35.5 +0.1
HYB	Hyderabad		eP	eP	00 27 04.9
HYB	Hyderabad		eP	eP	00 28 54.9
HYB	Hyderabad		eS	eS	00 35 14.8
RAR	Rarotonga	65.07 125	LR	LR	00 55 35.7
GRNC	Granite Creek	65.08 31	P	P	00 26 32.9 +0.1
SGDS	Sogindyn	65.15 310	eP	P	00 26 33.3 -0.1
FRU1	Bishkek	65.17 309	I Amb	I Amb	00 26 33.7 +0.1
FRU1	Bishkek		I Amb	I Amb	00 28 13.1
FRU1	Bishkek		pmax	pmax	00 26 33.7 +0.1
FRU1	Bishkek		pmax	pmax	
M27K	Edge Creek, AK	65.24 29	P	P	00 26 32.8 -0.9
G26K	Potcupine River	65.24 24	P	P	00 26 34.0 +0.3
F26K	Sheenjek River	65.27 23	P	I Amb	00 26 34.0 +0.3
F26K	Sheenjek River		I Amb	I Amb	00 26 57.4
AAK	Ala-Archa	65.28 309	LR	LR	00 56 29.9
AAK	Ala-Archa		LR	LR	00 56 29.9
AAK	Ala-Archa		P	P	00 26 33.8 -0.6
AAK	Ala-Archa		eP	eP	00 26 34.7 +0.3
AAK	Ala-Archa		pmax	pmax	
L27K	Beaver Creek	65.36 28	LR	LR	00 26 34.2 -0.2
RPZ	Rata Peaks	65.36 161	LR	LR	00 51 45.0
BCAR	Beaver Creek A	65.38 28	P	P	00 26 34.2 -0.3
K27K	Chicken	65.40 27	P	I Amb	00 26 35.4 +0.8
K27K	Chicken		I Amb	I Amb	00 27 06.1
PALK	Pallekele	65.44 270	LR	LR	00 53 33.2
I27K	Kandik River	65.85 26	I Amb	I Amb	00 26 36.2 -1.3
I27K	Kandik River		I Amb	I Amb	00 27 53.4
C27K	Jago River	65.86 21	P	I Amb	00 26 37.8 +0.4
C27K	Jago River		I Amb	I Amb	00 26 55.4
H27K	Steamboat Moun	65.99 25	I Amb	I Amb	00 26 36.9 -1.5
H27K	Steamboat Moun		I Amb	I Amb	00 26 56.6
G27K	Doyon Strip	66.04 24	P	P	00 26 38.0 -0.7
E27K	Coleen River	66.31 23	P	P	00 26 40.0 -0.4
BRZ5	Berezniiki	66.36 317	eP	P	00 26 41.4 +0.4
BRZ5	Berezniiki		eP	eP	00 26 41.5 +0.4
ARSB	Arslanbob	66.48 308	P	P	00 26 41.3 -0.8
ARSB	Arslanbob		P	P	00 26 41.3 -0.8
ARSB	Arslanbob		pmax	pmax	
ARSB	Arslanbob		pmax	pmax	
WHZ	Wether Hill Ro	66.49 164	P	P	00 26 42.2 +0.5

I28M	Miner Creek	66.52 26	I Amb	I Amb	00 26 41.5 -0.4
I28M	Miner Creek		I Amb	I Amb	00 27 23.8
DAWY	Dawson	66.58 27	P	P	00 26 43.0 +0.8
OZMR	Mount Kennedy	66.59 31	P	I Amb	00 26 43.2 +0.7
OZMR	Mount Kennedy		I Amb	I Amb	00 26 49.2
M29M	Somme Creek	66.83 29	P	I Amb	00 26 44.0 +0.1
M29M	Somme Creek		I Amb	I Amb	00 26 47.7
F28M	Old Crow	66.86 23	P	I Amb	00 26 43.8 -0.1
F28M	Old Crow		I Amb	I Amb	00 27 01.5
L29M	L29M	67.04 28	P	I Amb	00 26 45.8 +0.6
L29M	L29M		I Amb	I Amb	00 26 49.6
HYT	Haines Junction	67.16 31	P	I Amb	00 26 46.5 +0.5
HYT	Haines Junction		I Amb	I Amb	00 26 46.5 +0.5
K29M	Barlow Dome	67.38 28	I Amb	I Amb	00 26 47.4 0.0
K29M	Barlow Dome		I Amb	I Amb	00 27 05.8
N30M	Aishikik Lake	67.40 30	P	I Amb	00 26 47.4 -0.1
N30M	Aishikik Lake		I Amb	I Amb	00 26 51.7
G29M	Pine Creek	67.48 24	I Amb	I Amb	00 26 48.0 +0.2
G29M	Pine Creek		I Amb	I Amb	00 27 05.7
DRK	Karamyk	67.53 306	P	I Amb	00 26 47.8 -1.2
DRK	Karamyk		I Amb	I Amb	00 27 19.1
DRK	Karamyk		P	P	00 26 47.8 -1.2
DRK	Karamyk		pmax	pmax	
DZA	Taraz	67.59 310	eP	P	00 26 49.3 +0.3
DZA	Taraz		eP	eP	00 26 49.3 +0.3
M30M	Minto, Yukon	67.61 29	P	P	00 26 48.1 -0.6
M30M	Minto, Yukon		P	P	00 26 49.8 -0.1
BOV	Bovoye Array	67.76 321	P	P	00 26 49.2 -1.0
BOV	Bovoye Array		P	P	00 26 50.1 0.0
BOV	Bovoye Array		pmax	pmax	
BOV	Bovoye Array		pmax	pmax	
EPYK	Eye Plains	67.94 25	P	P	00 26 49.8 -1.0
I30M	Mount Dempster	67.98 26	I Amb	I Amb	00 26 49.4 -1.8
I30M	Mount Dempster		I Amb	I Amb	00 27 28.0
KK31	Karatay Array	68.17 310	I Amb	I Amb	00 26 51.9 -0.8
KK31	Karatay Array		I Amb	I Amb	00 27 18.3
KK31	Karatay Array		i P	i P	00 26 52.5 -0.1
KKAR	Karatay Array	68.17 310	P	P	00 26 51.5 -1.2
KKAR	Karatay Array		P	P	00 26 51.5 -1.2
G30M	Ach Zrail Nji	68.19 24	I Amb	I Amb	00 26 51.8 -0.5
G30M	Ach Zrail Nji		I Amb	I Amb	00 27 09.4
BTK	Batken	68.22 307	P	P	00 26 52.3 -0.8
BTK	Batken		P	P	00 26 52.3 -0.8
BTK	Batken		pmax	pmax	
F30M	Barrier River	68.41 24	P	P	00 26 53.9 +0.2
BESE	Bessie Mountai	68.42 33	P	I Amb	00 26 53.8 -0.2
BESE	Bessie Mountai		I Amb	I Amb	00 27 46.1
R32K	Eaglecrest	68.60 34	P	P	00 26 55.3 +0.3
IUG	Iuzhnay	68.61 309	eP	pmax	00 26 55.6 +0.1
IUG	Iuzhnay		pmax	pmax	
IUG	Iuzhnay		eP	eP	00 26 55.6 +0.1
IUG	Iuzhnay		eP	eP	00 26 55.6 +0.1
BRLS	Boroday	68.67 310	eP	P	00 26 56.5 +0.7
BRLS	Boroday		eP	eP	00 26 56.5 +0.7
M31M	Drury Creek, Y	68.71 30	P	P	00 26 54.9 -1.4
M31M	Drury Creek, Y		P	P	00 26 54.9 -1.4
GAR	Garm	68.72 305	I Amb	I Amb	00 27 38.4
GAR	Garm		I Amb	I Amb	00 27 38.4
H31M	Peel River	68.86 26	P	I Amb	00 26 56.5 0.0
H31M	Peel River		I Amb	I Amb	00 27 14.5
CHM	Chimkent	68.91 309	eP	pmax	00 26 57.5 +0.2
CHM	Chimkent		eP	eP	00 26 57.5 +0.2
CHM	Chimkent		eP	eP	00 26 57.5 +0.2
CHM	Chimkent		eP	eP	00 26 57.5 +0.2
G31M	Satah River	68.95 24	P	I Amb	00 26 56.8 -0.2
G31M	Satah River		I Amb	I Amb	00 27 08.8
INK	Inuvik	69.31 23	P	P	00 26 58.6 -0.6
INK	Inuvik		P	P	00 26 58.6 -0.6
INK	Inuvik		pmax	pmax	
INK	Inuvik		pmax	pmax	
P33M	Teslin, Yukon	69.46 32	P	I Amb	00 26 59.3 -1.1
P33M	Teslin, Yukon		I Amb	I Amb	00 27 35.6
CHGR	Chuyangaron	69.66 305	P	P	00 27 01.5 -0.6
CHGR	Chuyangaron		i P	i P	00 27 00.7 -1.4
CHGR	Chuyangaron		pmax	pmax	
Q32M	Nakina River	69.77 33	P	I Amb	00 27 02.3 -0.2
Q32M	Nakina River		I Amb	I Amb	00 27 05.5
MMPY	Sheldon Lake,	70.17 29	P	P	00 27 04.2 -0.5
MMPY	Sheldon Lake,		P	P	00 27 35.9 -0.5
KBL	Kabul	70.33 301	I Amb	I Amb	00 27 24.2
KBL	Kabul		P	P	00 27 05.9 -0.5
KBL	Kabul		pmax	pmax	
KBL	Kabul		pmax	pmax	
S34M	Telegraph Cree	70.41 34	P	I Amb	00 27 06.0 -0.2
S34M	Telegraph Cree		I Amb	I Amb	00 27 29.1
SPB2	Jennings River	70.42 33	P	P	00 27 05.9 -0.5
R33M	Shahrutis	70.62 304	P	I Amb	00 27 07.4 -0.6
SHAA	Shahrutis		I Amb	I Amb	00 27 24.0
SHAA	Shahrutis		I Amb	I Amb	00 27 09.5 0.0
T35M	Bob Quinn	70.94 35	P	I Amb	00 27 12.6 -0.1
T35M	Bob Quinn		I Amb	I Amb	00 27 44.2
WTLY	Watson Lake, Y	71.47 3			

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1d 0h																			
PNTN	comp=Z,14nm,0.8s	I	Amb	I	Amb	00 28 13.3													
BMO	Blue Mountains	81.22	46	P	P	00 28 07.7	-0.7												
BMO	Blue Mountains	81.22	46	P	P	00 28 07.7	-0.7												
BMO	BMO																		
PKD	Bear Valley Ra	81.36	55	P	P	00 28 08.6	-0.6												
LZV	comp=Z,23nm,0.9s	81.42	339	P	P	00 28 08.2	-0.7												
LZV	Lozovero					00 28 21.7													
LZV	comp=Z,43nm,1.7s	81.42	339	P	P	00 28 08.2	-0.7												
LZV	Lozovero																		
BELG	comp=Z,43nm,1.7s	81.47	322	i	P	00 28 10.1	+0.7												
BELG	Belogomorye																		
WAKR	comp=Z,36nm,1.1s	81.49	52	P	P	00 28 09.1	-1.1												
WAKR	Walker					00 28 48.3													
MDPB	comp=Z,53nm,2.0s	82.01	53	P	P	00 28 10.6	-2.4												
PLID	Devils Postpil					00 28 11.6	-1.2												
BIDO	Pearl Lake	82.03	45	P	P	00 28 13.2	-0.1												
BIDO	Bidbid	82.08	292	P	P														
LHV	SNR=5.6	82.27	52	P	P	00 28 14.6	+0.7												
LHV	Little Huntton					00 28 16.8													
SMDO	comp=Z,13nm,1.1s	82.28	292	P	P	00 28 12.6	-1.8												
KVN	Samad	82.34	52	P	P	00 28 13.5	-1.0												
KVN	Kaiserville	82.34	52	P	P	00 28 13.5	-1.0												
KVN	Kaiserville	82.34	52	P	P	00 28 13.5	-1.0												
JTMT	comp=Z,6.0nm,0.9s	82.34	42	P	P	00 28 13.0	-1.3												
JTMT	Jette					00 28 15.0	+0.3												
NVAR	comp=Z,8.5nm,0.7s	82.37	52	P	P	00 28 13.5	-1.2												
NVAR	Mina Array Bea					00 28 14.5	+0.7												
NVAR	Mina Array Sit	82.48	52	P	P	00 28 19.0													
NVAR	NV11																		
YES	comp=Z,26nm,1.6s	82.52	55	P	P	00 28 14.2	-1.1												
YES	Vestal, Richgr					00 28 17.3													
KLMR	comp=Z,16nm,0.7s	82.58	332	eP	P	00 28 13.1	-1.9												
KLMR	Klimovskoe																		
MFID	comp=Z,49nm,1.3s	82.66	47	P	P	00 28 15.3	-0.7												
MFID	Camas Ranch					00 28 36.7													
HOQ	comp=Z,17nm,1.1s	82.79	292	P	P	00 28 17.0	+0.1												
HOQ	Hoqain					00 28 17.1	+0.1												
TIN	comp=Z,19nm,0.8s	82.83	53	P	P	00 28 17.2	+0.1												
TIN	Tinmahua, Big																		
TIN	Tinmahua, Big	82.83	53	P	P	00 28 17.2	+0.1												
MOS	comp=Z,19nm,0.8s	82.85	43	P	P	00 28 16.1	-0.9												
KEV	Misoula	82.85	43	P	P	00 28 16.5	+0.2												
KEV	Kevo	82.86	342	P	P	00 28 16.6	+0.2												
KEV	Kevo	82.86	342	P	P	00 28 16.6	+0.2												
DSP	comp=Z,92nm,2.0s	82.93	53	P	P	00 28 17.0	-0.4												
DSP	Deep Springs					00 28 18.2	+0.5												
MHTO	comp=Z,8.5nm,0.7s	83.04	8	P	P	00 28 16.2	-1.0												
MHTO	MHTO					00 28 17.8	+0.6												
TULEG	Thule	83.04	8	i	P	00 28 21.2													
TULEG	Thule																		
ISA	comp=Z,28nm,1.2s	83.05	55	P	P	00 28 16.9	-1.2												
ISA	Isabella, Lake					00 28 16.9	-1.2												
ISA	Isabella, Lake	83.05	55	P	P	00 28 16.9	-1.2												
SHME	comp=Z,8.0nm,1.1s	83.10	295	P	P	00 28 18.9	+0.5												
SHME	Shamm					00 28 18.0	0.0												
ESY	comp=Z,53nm,2.0s	83.12	292	P	P	00 28 17.9	-1.0												
CWC	Elisya					00 28 19.9	-0.5												
MDH	Cottonwood Cre	83.18	294	P	P	00 28 19.9	-1.0												
MDH	Madha	83.28	292	P	P	00 28 18.2	-1.3												
MASF	comp=Z,39nm,1.8s	83.28	294	P	P	00 28 22.9													
MASF	Masafi																		
TPH	comp=Z,23nm,1.2s	83.28	52	P	P	00 28 18.2	-1.3												
TPH	Toponah																		
TPH	Toponah	83.28	52	P	P	00 28 18.2	-1.3												
SOHO	comp=Z,39nm,1.8s	83.31	293	P	P	00 28 19.8	+0.2												
SOHO	SOHO					00 28 19.0	+0.8												
IOSS	Mirnazif	83.36	294	P	P	00 28 20.8	+1.5												
ARAO	comp=Z,23nm,1.2s	83.42	342	eP	P	00 28 19.3	0.0												
ARAO	ARCESS Array S																		
ARCES	comp=Z,4.7nm,0.6s	83.42	342	P	P	01 09 06.3													
ARCES	ARCESS Array B																		
ARCES	ARCESS Array B	83.42	342	P	P	00 28 19.4	+0.1												
ARCES	ARCESS					00 28 25.8													
HATD	comp=Z,23nm,1.3s	83.46	294	P	P	00 28 20.7	+0.3												
HATD	Hatta, Dubai					00 28 17.9	-1.4												
TPO	comp=Z,23nm,1.2s	83.47	56	P	P	00 28 20.7	+0.3												
TPO	Tropico Hills					00 28 30.4													
GMN	comp=Z,19nm,1.6s	83.49	53	P	P	00 28 21.9	+0.6												
GRAC	Gold Mountain					00 28 19.1	-1.3												
ARQ	comp=Z,9.1nm,0.7s	83.55	292	P	P	00 28 21.4	+0.4												
ARQ	Grapevine Rang					00 28 21.4	+0.4												
ASHO	comp=Z,19nm,1.6s	83.56	294	P	P	00 28 21.4	+0.4												
ASHO	Araqi					00 28 20.0	-0.8												
HLID	comp=Z,13nm,1.3s	83.59	46	P	P	00 28 19.8	-1.6												
HLID	Hailey					00 28 50.8													
CLC	comp=Z,19nm,1.6s	83.68	55	P	P	00 28 20.3	-1.4												
CLC	China Lake					00 31 07.7													
CLC	China Lake	83.68	55	P	P	00 28 19.8	-1.6												
MPMC	comp=Z,13nm,1.3s	83.69	54	P	P	00 28 20.3	-1.4												
LRMC	Manual Spec																		

ISCO	Idaho Springs	91.10	47	P	P	00 28 56.0	-1.6
ISCO	Idaho Springs	91.10	47	P	P	00 28 56.0	-1.6
ISCO	comp-Z,3.0nm,0.9s						
MNK	Minsk	91.11	329	i	P	00 28 56.2	-0.7
MNK	comp-E,21nm,1.0s						
MNK	comp=N,22nm,1.2s					00 28 56.2	-0.7
MNK	comp-Z,37nm,1.0s,baz=56					00 28 56.2	-0.7
MNK				i	PP	00 32 34.2	+1.2
MNK				i	PPP	00 34 30.6	
MNK				i	SS	00 39 27.9	-1.2
MNK				i	SSS	00 46 00.9	+3.1
MNK				i	SSS	00 49 37.7	
MNK				i	LQ	00 51 23.3	
MNK	Minsk	91.11	329	i	P	00 28 56.1	-0.7
MNK				i	SS	00 32 34.1	
MNK				i	PPP	00 34 30.6	
MNK				i	SS	00 39 27.9	-1.2
MNK				i	SSS	00 46 00.9	+3.1
MNK				i	SSS	00 49 37.8	
MNK	comp-Z,37nm,1.0s						
MNK	comp=N,22nm,1.2s						
MNK	comp=E,21nm,1.0s						
HSIG		91.26	59	I	Amb	00 28 56.4	-1.7
HSIG	comp-Z,8.6nm,1.0s					00 29 02.7	
NACGM	Naroch	91.41	330	e	P	00 28 58.3	0.0
DUN6	Lazy B Ranch	91.42	55	P	P	00 28 58.2	-0.8
319A	Douglas	91.72	56	P	I	00 28 59.5	-0.8
319A	comp-Z,22nm,1.5s					00 29 03.5	
SDCO	Great Sand Dun	92.04	49	P	P	00 29 00.1	-1.9
SDCO	comp-Z,11nm,1.5s					00 29 19.6	
ULM	Lac du Bonnet	92.24	35	P	P	00 29 00.4	-1.8
ULM	comp-Z,5.2nm,0.8s,baz=301,slow=3.7,SNR=8.8					00 29 00.4	-1.8
ULM	Lac du Bonnet	92.24	35	P	P	00 29 01.6	-0.6
ULM	comp-Z,8.1nm,0.9s					00 29 05.2	
ULM	Lac du Bonnet	92.24	35	P	P	00 29 01.6	-0.6
ULM	comp-Z,8.0nm,0.9s						
121A	Cookes Peak, D	92.45	55	P	P	00 29 03.6	-0.2
TASM	ASL Pad, Albuq	92.49	52	P	P	00 29 03.9	-0.1
TASM	ASL Pad, Albuq	92.49	52	P	P	00 29 02.7	-1.3
TASM	comp-Z,6.2nm,1.2s					00 29 06.7	
TASM	ASL Pad, Albuq	92.49	52	P	I	00 29 03.4	-0.6
TASM	comp-Z,5.9nm,1.2s					00 29 21.9	
TASM	ASL Pad, Albuq	92.49	52	P	P	00 29 03.2	-0.7
TASM	comp-Z,7.0nm,1.3s					00 29 21.9	
ANMO	Albuquerque	92.49	52	LR	LR	01 08 33.6	
ANMO	comp-Z,118nm,18.4s,baz=329,slow=34						
ANMO	Albuquerque	92.49	52	P	P	00 29 03.1	-0.9
ANMO	Albuquerque	92.49	52	P	P	00 29 04.0	0.0
ANMO	comp-Z,7.0nm,1.3s					00 29 06.7	
ANMO	Albuquerque	92.49	52	P	I	00 29 03.4	-0.6
ANMO	comp-Z,7.3nm,1.3s					00 29 06.7	
ANMO	Albuquerque	92.49	52	ce	P	00 29 04.9	+0.9
ANMO	comp-Z,11nm,2.5s						
ABQ	Albuquerque	92.50	52	P	P	00 29 02.6	-1.4
Y22A	Socorro	92.52	53	P	P	00 29 02.0	-2.1
AKASG	Malin Array Be	92.52	326	P	P	00 29 01.4	-2.1
AKASG	comp-Z,1.7nm,0.6s,baz=49,slow=4.5,SNR=13						
AKASG	Malin Array Be	92.52	326	P	P	00 29 01.7	-1.8
AKASG	Malin Array Be	92.52	326	P	P	00 29 01.7	-1.8
AKASG	comp-Z,7.0nm,1.3s						
AKBB	Malin Array Si	92.52	326	ce	P	00 29 01.9	-1.6
AKBB	Malin Array Si	92.52	326	ce	P	00 29 02.8	-0.7
AKBB	comp-Z,9.0nm,0.9s						
AKBB	Malin Array Si	92.52	326	P	P	00 29 02.7	-0.7
ARPR	Arpagir-MALATY	92.53	312	P	P	00 29 02.3	-1.7
ARPR	comp-Z,2.1nm,1.4s					00 30 02.4	
KIEV	Kiev	92.54	326	P	P	00 29 02.3	-1.2
AK20	Malin Array Si	92.61	326	P	P	00 29 02.5	-1.4
AK07	Malin Array Si	92.62	326	P	P	00 29 03.3	-0.6
SIM	Simferopol	92.64	319	e	P	00 29 01.4	-2.8
SIM	comp-Z,33nm,1.3s						
CRNM	Carthage	92.69	53	P	P	00 29 02.8	-2.1
RAYN	Ar Rayn	93.06	296	P	P	00 29 04.8	-1.8
RAYN	Ar Rayn	93.06	296	P	P	00 29 04.8	-1.8
RAYN	comp-Z,6.0nm,1.2s						
T25A	Trinidad	93.08	49	P	P	00 29 07.1	+0.4
T25A	comp-Z,12nm,1.4s					00 29 25.8	
TOKA	Tokat	93.26	314	I	Amb	00 29 06.0	-1.3
TOKA	comp-Z,6.0nm,0.7s					00 31 01.6	
AGMN	Agassiz Nation	93.28	37	P	P	00 29 06.6	-0.4
AGMN	comp-Z,16nm,1.4s					00 29 25.4	
NC405	NORSAR Array S	93.33	340	I	Amb	00 29 05.6	-1.4
NC405	comp-Z,19nm,1.5s					00 29 10.6	
HFS	Hagfors	93.38	339	P	P	00 29 05.2	-2.1
HFS	comp-Z,1.5nm,0.5s,baz=92,slow=4.5,SNR=15						
NOA	NORSAR Array B	93.54	340	P	P	00 29 06.1	-1.9
NOA	comp-Z,1.1nm,0.7s,baz=45,slow=4.4,SNR=5.3						
NOA	comp-Z,1.1nm,0.7s					01 15 44.1	
LPIG	La Paz	93.59	63	LR	LR	01 01 24.8	
LPAG	comp-Z,228nm,21.7s,baz=274,slow=29						
SUW	Suwalki	93.63	331	e	P	00 29 08.2	-0.3
SUW	Suwalki	93.63	331	P	P	00 29 07.4	-1.1
SUW	Suwalki	93.63	331	P	P	00 29 07.4	-1.1
SUW	Suwalki	93.63	331	P	P	00 29 07.4	-1.1
NB000	NORSAR Array S	93.69	340	P	I	00 29 07.6	-1.1
NB000	comp-Z,11nm,1.4s					00 29 56.7	
EPL0	Experimental L	93.72	35	P	P	00 29 07.2	-1.9
EPL0	comp-Z,17nm,1.3s					00 29 22.5	
LUBAR	Lubar, Ukraine	93.74	326	P	P	00 29 08.3	-0.8
EPT	Ei Paso	93.74	55	P	P	00 29 08.1	-1.7
EPT	comp-Z,6.8nm,0.9s					00 29 12.2	
FRB	Frobisher Bay	93.77	15	LR	LR	01 11 15.9	
FRB	comp-Z,17nm,21.2s,baz=93,slow=36						
NAO01	NORSAR Array S	93.80	340	I	Amb	00 29 09.0	-0.2
NAO01	comp-Z,13nm,1.4s					00 30 25.7	
RNP9P	Sopachiv	93.87	328	P	P	00 29 08.1	-1.6
RNP9P	Staryi Chortor	93.87	327	P	P	00 29 08.3	-1.9
SFJD	Kangriussaq	94.06	7	LR	LR	01 11 09.2	
SFJD	comp-Z,159nm,21.9s,baz=341,slow=35						
GAZ	Gaziantep	94.17	311	P	P	00 29 11.9	+0.4
F33A	5 Mile Ranch	94.32	39	P	P	00 29 12.1	+0.2
F33A	comp-Z,9.10nm,1.0s					00 29 25.9	
BNN	Bunyan	94.37	313	I	Amb	00 29 10.6	-1.9
BNN	comp-Z,9.8nm,1.1s					00 29 25.9	
MNTX	Cornudas Mount	94.65	55	P	P	00 29 13.9	+0.1
FOO	Flores	94.97	343	e	P	00 29 14.7	+0.2
HYA	Hoyanger	94.99	342	e	P	00 29 15.1	+0.5
KONO	Kongsberg	95.12	340	P	P	00 29 16.3	+1.1
KONO	comp-Z,11nm,1.3s					00 29 18.9	
KONO	Kongsberg	95.12	340	P	P	00 29 16.3	+1.1
KONO	comp-Z,11nm,1.3s						
KONO	comp-Z,11nm,1.3s						
KMPD	K-Podolskiy	95.21	325	P	P	00 29 14.1	-1.8
ECS0	EROS Data Cent	95.22	41	I	Amb	00 29 15.8	-0.3
ECS0	comp-Z,21nm,2.0s					00 29 21.2	
GDL2	Guadalupe Moun	95.22	54	P	P	00 29 15.7	-0.8
BR131	Keskin Array S	95.47	315	P	P	00 29 15.8	-1.7

BR131	comp-Z,11nm,1.4s			I	Amb	00 29 15.8	
BR131	Keskin Array S	95.47	315	P	P	00 29 15.8	-1.7
BR131	comp-Z,3.3nm,1.0s						
BR131	Keskin Array S	95.47	315	P	P	00 29 17.1	-0.4
BR131	SNR=5.1						
BRTR	Keskin Array B	95.47	315	P	P	00 29 16.1	-1.5
BRTR	comp-Z,3.3nm,1.0s,baz=137,slow=2.7,SNR=17						
BRTR	Keskin Array B	95.47	315	P	P	00 29 14.6	-2.9
BR104	Keskin Array S	95.48	315	P	P	00 29 15.8	-1.7
BR104	comp-Z,4.0nm,comp=2.4,5nm,1.1s						
BR105	Keskin Array S	95.48	315	P	P	00 29 16.1	-1.4
BR105	comp-Z,3.5nm,comp=2.4,2nm,1.1s						
BR105	Keskin Array S	95.49	315	P	P	00 29 16.3	-1.3
BR105	comp-Z,4.3nm,comp=2.4,7nm,1.2s						
KWP	Kalwaria Pacia	96.56	327	e	P	00 29 21.3	-0.8
KWP	Kalwaria Pacia	96.56	327	e	P	00 29 21.3	-0.8
TXAR	Lajitas Array	96.98	56	P	P	00 29 25.6	+1.1
TXAR	comp-Z,0.3nm,0.7s,baz=286,slow=5.8,SNR=4.0						
TXAR	comp-Z,276nm,18.1s,baz=330,slow=37					01 15 55.6	
TXAR	comp-Z,0.3nm,0.7s						
BRIU	Brid	97.19	326	P	P	00 29 24.0	-0.9
MLR	Muntele Rosu	97.25	323	LR	LR	01 16 01.8	
MLR	comp-Z,478nm,19.7s,baz=89,slow=37						
KSP	Ksiaz	98.90	321	e	P	00 29 31.9	-0.6
MORC	Moravsky Berou	99.03	303	e	P	00 29 31.1	-2.2
MORC	comp-Z,2.264nm,18.1s,baz=340,slow=38					00 33 31.6	-3.0
EIL	Elat	99.21	305	LR	LR	01 20 31.1	
EIL	comp-Z,181nm,19.8s,baz=251,slow=39						
YVHS	Yvhne	99.25	328	e	P	00 29 34.1	-0.1
YVHS	Yvhne	99.25	328	e	P	00 29 34.1	-0.1
VRAC	Vranov	99.81	330	LR	LR	01 18 49.1	
VRAC	comp-Z,264nm,18.1s,baz=340,slow=38						
VLCC	Vranov	99.81	330	e	P	00 29 34.6	-2.1
CLL	Colim	100.05	333	e	P	00 29 36.0	-1.6
CLL	comp-Z,12nm,1.8s						
CLL	Colim	100.05	333	e	P	00 29 36.0	-1.6
CLL	comp-Z,12nm,1.8s						
CLL	comp=N,300nm,18.6s						
CLL	AMS	AMS	AMS			01 18 00.0	
CLL	AMS	AMS	AMS			01 18 00.0	
CLL	AMS	AMS	AMS			01 18 00.0	
CRUC	Moravsky	100.07	330	e	P	00 33 32.1	-1.0
KHC	Kospeske Hory	101.35	331	e	P	00 33 50.5	-1.6
GERES	GERES Array B	101.50	343	e	P	00 33 57.7	+0.4
GERES	comp-Z,0.8nm,0.5s,baz=38,slow=6.3,SNR=8.3						
EKA	Eskdalemur Ar	102.57	343	P	P	00 34 02.5	+1.6
EKA	comp-Z,2.8nm,1.1s,baz=37,slow=6.4,SNR=4.6						
TUE	Stuetta	105.24	331	P	P	00 34 15.5	+0.2
TUE	Dublin	105.29	344	P	P	00 34 15.5	+0.2
ESDC	Tamanrasset	124.65	316	P	P	00 29 59.0	-1.9
ESDC	comp-E,1.0nm,0.9s,baz=38,slow=6.3,SNR=8.3					00 35 37.2	-4.6
LSZ	Lusaka	121.71	263	P	P	00 34 46.8	-0.4
LSZ	Lusaka	121.71	263	P	P	00 34 46.8	-0.4
LSZ	Lusaka	121.71	263	P	P	00 34 47.6	+0.2
TAM	Tamanrasset	124.65	316	P	P	00 34 53.1	+0.3
LSM	Tamanrasset	124.65	316	P			

1d 0h

Table with columns: Code, Station Name, Az, El, Az', El', Pn, Res, Time, Res, ISC. Includes stations like Palmer, White Mountain, Montague Islan, etc.

2020 JUN

Table with columns: KAIM, Kayak Island, Az, El, Az', El', Pn, Res, Time, Res, ISC. Includes stations like Kayak Island, Kuskokwak Cree, etc.

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Table with columns: YUK6, Outpost Mounta, Az, El, Az', El', Pn, Res, Time, Res, ISC. Includes stations like Outpost Mounta, Hadwensee Riv, etc.

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

IDC 01 00:27:48.0.2.9.10:88S.122:49E.h0km,mb3.7/1, mbtmp3.4/3,ML3.3/2,MS4.2/3, Error ellipse: s-maj=256.7km s-min=34.1km az=51.0, Savu Sea

Table with columns: Code, Station Name, Az, El, Az', El', Pn, Res, Time, Res, ISC. Includes stations like SUZUYAMA, TASHIRO, OKUCHI, etc.

Table with columns: ILAR, Eielson Array, 58.85 30 P, P, 00 43 25.8 -2.9, comp=N,1.1um,0.6s

IDC 01 00:36:18.2,2.3,21.45N:120.99E, h0km, mb3.77, mbtmp=64.0

TAP 01 00:36:20.6, 21.53N:121.06E, h25km, ML3.8, H, JMA 01 00:36:35.3, 0.2, 22.5N:120.91E, 1.21.5E:0.6, h10km, MV3.5/10, TAIWAN REGION

ISC 01 00:36:19.9, 1.9, 21.50N:120.07E, 121.05E:0.04, h9km, 11km, n41, c086/53, mb3.67, 4C-2D, Taiwan region

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

REN 01 00:54:24.7, 2.3, 38.167N:101.117, 845W:0.008, h7km, 1km, Error ellipse: s-maj=1.6km s-min=0.7km az=152.0

NEIC 01 00:54:24.2, 4.2, 38.17N:101.117, 83W:0.01, h6km, 1km, ML3.4/137, ML3.6/15(REN), Error ellipse: s-maj=1.8km s-min=1.5km az=212.0, Nevada

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

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

CATAC 01 01:00:32.6, 0.4, 13°N:2°8'9W, h36km, 7km, M4.9/42, ML4.9/42, Error ellipse: s-maj=6.1km s-min=1.7km az=37.5, confirmed

IDC 01 01:00:32.9, 1.7, 13.09N:88.18W, h54km, 14km, mb4.0/19, mbtmp=3.19, ML2.4/1, MS3.9/18, Error ellipse: s-maj=22.7km s-min=10.9km az=50.0

SNET 01 01:00:32.0, 1.0, 12.71N:88.85W, h28km, 299km, ML4.8, Presumed earthquake

GCG 01 01:00:34.5, 0.8, 12.81N:89.02W, h31km, 4km, MD5.0, ML5.0, Presumed earthquake

NEIC 01 01:00:35.6, 2.2, 12.98N:0.09:88.57W:0.09, h70km, 6km, mb4.7/225, Error ellipse: s-maj=16.3km s-min=7.8km az=47.0

UCR 01 01:00:36.0, 0.9, 12.64N:88.46W, h12km, 102km, MW4.7, Presumed earthquake

ISC 01 01:01:30.9, 0.9, 12.71N:0.04:88.83W:0.03, h53km, 7km, n573, r1904/478, mb4.7/113, MS3.9/19, 20C-34D, Off coast of Central America

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

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

1d 1h

JUD3	Juan Diaz 3	4.10 128	eP	Pn	01 01 34.1 +1.9
PLVR	Palo Verde	4.14 124	eP	Pn	01 01 35.1 +2.3
NICO	Nicoya	4.19 127	eP	Pn	01 01 35.4 +2.0
MOTZ	Rio Naranjo	4.19 118	eP	Pn	01 01 35.7 +2.2
TENO	El Achote	4.27 118	eP	Pn	01 01 36.1 +1.6
CMARA	Lajas Hohencha	4.28 128	eP	Pn	01 01 36.1 +1.9
TIMP	Tierras Morena	4.29 119	eP	Pn	01 01 36.6 +1.8
PETF	Flores	4.30 347	Pn	Pn	01 01 35.8 +1.0
PETF	Flores	4.30 347	iP	Pn	01 01 36.0 +1.1
INVE	Universidad In	4.31 121	eP	Pn	01 01 36.4 +1.4
QUEB	Quebrador, Cot	4.38 118	eP	Pn	01 01 37.6 +1.7
JTS	Las Juntas de	4.50 122	P	Pn	01 01 40.7 +3.1
JTS	comp=E,50nm,0.4s,baz=298,slow=19,SNR=4.7		S	Sn	01 02 25.6 -3.0
JTS	Las Juntas de	4.50 122	eP	Pn	01 01 39.2 +1.6
JTS	Las Juntas de	4.50 122	eP	Pn	01 01 39.8 +2.2
TABAC	Tabacón	4.51 119	eP	Pn	01 01 41.4 +3.0
ARE1	Arenal 1	4.61 119	eP	Pn	01 01 41.7 +2.6
CASO	Castillo	4.61 119	eP	Pn	01 01 41.8 +2.7
VAREZ	V. Arenal	4.61 119	eP	Pn	01 01 42.4 +3.3
CEDE	Laguna Cedeo	4.61 118	eP	Pn	01 01 42.1 +2.9
FORC	Fortuna	4.65 118	eP	Pn	01 01 42.6 +2.9
CCIG	Comitan	4.78 318	Pn	Pn	01 01 44.1 +2.5
SRA1	San Ramon	5.00 121	eP	Pn	01 01 48.4 +3.8
HDC	Heredia	5.35 120	Pn	Pn	01 01 51.9 +2.5
HDC	Heredia	5.35 120	Pn	Pn	01 01 51.9 +2.5
HDC	Heredia	5.35 120	Pn	Pn	01 01 51.9 +2.5
HDC	Heredia	5.35 120	Pn	Pn	01 01 51.9 +2.5
ECI	Escuela Centro	5.43 120	eP	Pn	01 01 54.3 +3.7
BLNL	Bilwi Airport	5.47 75	Pn	Pn	01 01 51.4 +0.5
PICV	Ph. Pirris	5.48 124	eP	Pn	01 01 54.2 +3.0
VICA	Volcan Irazu	5.59 119	eP	Pn	01 01 56.0 +3.0
CVTR	Volcan Turrial	5.64 118	eP	Pn	01 01 56.5 +2.9
VTRU	Volcan Turrial	5.64 118	eP	Pn	01 01 57.9 +4.2
PIEC	Cerro El Cedra	5.68 122	eP	Pn	01 01 57.8 +3.7
VTCV	VTCV, Calle Va	5.69 118	eP	Pn	01 01 57.1 +3.0
ETUB	Earth Guipi	5.70 115	Pn	Pn	01 01 56.7 +2.5
VERH	Veragua Rainfo	6.18 116	eP	Pn	01 02 02.7 +2.0
EDPE	Pejibaye	6.18 116	eP	Pn	01 02 02.7 +2.0
FIMO	Fila Mora	6.53 124	eP	Pn	01 02 09.1 +3.5
EDAD	Golfito	6.87 125	eP	Pn	01 02 12.8 +2.5
PIRO	Carate, Puerto	6.89 128	Pn	Pn	01 02 14.2 +3.7
ALCO	Alturas Coton,	6.97 122	eP	Pn	01 02 13.4 +1.7
BRUZ	Volcan	7.19 122	Pn	Pn	01 02 17.7 +3.9
CLRA	Cordillera,	7.27 122	eP	Pn	01 02 18.3 +3.1
CMIG	Matias Romero	7.29 307	P	Pn	01 02 18.1 +2.2
CMIG	comp=E,4.9nm,0.3s,baz=140,slow=11,SNR=17		S	Sn	01 03 40.7 +3.3
JEFFS	S de V. Barro	7.38 122	eP	Pn	01 02 19.0 +1.8
PTPA	Petro Terminal	7.38 127	eP	Pn	01 02 21.2 +4.1
BOTLY	Boquete Panama	7.39 122	eP	Pn	01 02 20.9 +3.5
LMNES	Limonas	7.45 127	eP	Pn	01 02 22.3 +4.2
TEIG	Teichon	7.49 4	Pn	Pn	01 02 21.4 +2.8
BGUJA	Bijagual, Pana	7.53 123	eP	Pn	01 02 23.6 +3.0
TLIG	Tapia	10.56 298	Pn	Pn	01 03 04.3 +3.4
MTDJ	Mount Denham	12.18 62	Pn	Pn	01 03 25.4 +2.4
NMDO	Nuevo Mundo	15.38 58	eP	Pn	01 04 06.6 +0.9
OTAV	Otalavo	16.11 140	eP	Pn	01 04 17.3 +0.7
OTAV	Otalavo	16.11 140	eP	Pn	01 04 17.3 +0.7
060A	Indian Town	16.31 28	P	Pn	01 04 22.4 +2.8
ROSC	El Rosal	16.32 117	Pn	P	01 04 17.5 -2.8
ROSC	El Rosal	16.32 117	Pn	P	01 04 18.5 -1.8
ZAIG	Zacatecas	16.46 309	P	Pn	01 04 22.8 +1.1
DWPF	Disney Wildern	16.84 123	P	Pn	01 04 25.9 +0.9
SLOR	San Lorenzo -	16.84 242	P	Pn	01 04 28.8 +2.7
HVBL	Hebbronville	17.00 329	P	Pn	01 04 27.6 +0.3
656A	Wilton	17.57 18	Pn	Pn	01 04 34.3 +0.7
735A	Kenedy	18.11 334	P	Pn	01 04 40.2 +0.5
SDV	Santo Domingo	18.27 100	eP	Pn	01 04 40.2 -1.4
SDV	Santo Domingo	18.27 100	eP	Pn	01 04 41.0 -1.0
SDV	Santo Domingo	18.27 100	eP	Pn	01 04 42.3 +0.3
HFKT	Hockley	18.34 340	Pn	Pn	01 04 44.2 +1.7
EF02	Christine	18.40 332	Pn	Pn	01 04 41.5 +0.8
441A	DeRidder	18.40 332	Pn	Pn	01 04 43.7 +0.5
833A	Chaparral WMA,	18.41 329	Pn	Pn	01 04 43.8 +0.6
EF04	Eagle Ford 04	18.41 329	Pn	Pn	01 04 43.8 +0.4
346A	Big Creek Wild	18.59 358	P	Pn	01 04 45.6 +0.8
352A	Blakely	19.02 10	P	Pn	01 04 51.5 +0.9
TIGA	Titon	19.25 14	P	Pn	01 04 53.4 +0.1
TIGA			Iamb	Iamb	01 04 55.4
HND0	Hondo	19.34 331	P	P	01 04 53.2 +0.1
HND0			Iamb	Iamb	01 04 54.9
DRIO	Del Rio	19.91 328	P	P	01 04 59.4 +0.2
DRIO			Iamb	Iamb	01 05 06.3
143A	Soes Landing,	20.04 354	Iamb	Iamb	01 05 07.1
152A	Waverly Hall	20.22 10	Iamb	Iamb	01 05 03.2 +0.7
152A			Iamb	Iamb	01 05 07.4
LRAL	Lakeview, 1.0s	20.30 4	Pn	Pn	01 05 04.5 +1.2
Z47A	Carrollton	20.40 2	Iamb	Iamb	01 05 09.5
BRDY	Brady	20.73 335	P	Pn	01 05 07.7 -0.4
BRDY			Iamb	Iamb	01 05 09.4
WHTX	Lake Whitney,	20.76 339	P	Pn	01 05 09.1 +0.7
Z41A	Richland Creek	20.77 351	P	Pn	01 05 09.5 +1.0
Z41A			Iamb	Iamb	01 05 16.4
Y45A	Yeager Farm, C	21.07 358	P	Pn	01 05 13.1 +1.5
Y45A			Iamb	Iamb	01 05 16.5
FW13	Cleburne	21.08 339	P	Pn	01 05 12.0 +0.1
FW13			Iamb	Iamb	01 05 17.2
SAND	Sanderson	21.12 326	P	Pn	01 05 12.4 -0.1
Y49A	Blount Mountai	21.16 6	P	Pn	01 05 13.8 +1.0
Y49A			Iamb	Iamb	01 05 16.3
HPIG	White Oak Lake	21.20 314	P	Pn	01 05 14.6 +1.2
WLAR	White Oak Lake	21.24 350	P	Pn	01 05 15.0 +1.5
WLAR			Iamb	Iamb	01 05 18.5
TXAR	Lajitas Array	21.53 322	P	Pn	01 05 18.8 +2.0
TXAR	comp=Z,19nm,0.8s,baz=142,slow=11,SNR=164		PcP	PcP	01 05 19.8 +2.0
TXAR	comp=Z,1.4nm,0.9s,baz=158,slow=3.6,SNR=6.2		ScP	ScP	01 12 53.0 +2.4
TXAR	comp=Z,1.9nm,0.8s		P	Pn	01 05 18.1 +1.3
X48A	Hartselle	21.70 4	P	Pn	01 05 18.9 +0.4
X48A			Iamb	Iamb	01 05 20.9
PLPT	Palo Pinto	21.81 338	Iamb	Iamb	01 05 25.0
Z35A	Perchance, San	21.92 341	P	Pn	01 05 20.8 0.0
ABTX	Ahblene, Hawie	21.96 335	Iamb	Iamb	01 05 24.1
HGCV	Stirling City	22.20 331	Iamb	Iamb	01 05 27.1
ALPN	Alpine	22.29 342	Iamb	Iamb	01 05 27.6
LOOK	Love County	22.51 324	P	Pn	01 05 29.2 +2.1
LOOK			Iamb	Iamb	01 05 30.8
JSC	Jenkinsville	22.55 17	P	Pn	01 05 28.2 +0.6
JSC			Iamb	Iamb	01 05 30.8
WHAR	Woolly Hollow	22.70 353	Iamb	Iamb	01 05 31.2
WTF5	Witchita Falls	22.72 339	P	Pn	01 05 30.9 +1.4
TP50	Permian Basin	22.80 325	Iamb	Iamb	01 05 33.5
CPCT	Cooper Cave	22.97 9	Iamb	Iamb	01 05 33.2
V48A	Smith Brothers	23.00 4	P	Pn	01 05 31.7 -0.6
V48A			Iamb	Iamb	01 05 33.7
TKL	Tuckaleechee C	23.30 10	LR	LR	01 14 32.2
WVT	Waverly	23.33 2	P	Pn	01 05 34.6 -0.9
WVT			Iamb	Iamb	01 05 36.4
W35A	Tecumseh	23.50 343	Iamb	Iamb	01 05 38.6
W57A	Gilead	23.73 18	Iamb	Iamb	01 05 41.1

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TUL3	Leonard	23.94 346	P	P	01 05 40.0 -1.1
TUL3			Iamb	Iamb	01 05 42.4
RLO	Rose Locout	24.01 348	Iamb	Iamb	01 05 43.3
T47A	Sharon Grove	24.22 3	P	Pn	01 05 42.6 -1.0
OK048	Pawnee Station	24.70 344	Iamb	Iamb	01 05 48.7
AMTX	Amarillo	24.96 334	Iamb	Iamb	01 05 52.9
T35A	Sooner Cattle	25.07 345	P	Pn	01 05 50.7 -0.7
T35A			Iamb	Iamb	01 05 54.9
CCM	Cathedral Cave	25.33 356	P	Pn	01 05 53.2 -0.6
PHO2	Texas Public H	25.50 334	Iamb	Iamb	01 05 57.0
WC1	Wyandotte Cede	25.51 5	P	Pn	01 05 54.4 -1.1
WC1			Iamb	Iamb	01 05 55.9
CZSB	Cruzeiro do Su	25.87 141	P	Pn	01 06 01.4 +2.5
CZSB			Iamb	Iamb	01 06 03.3
CZSB	Cruzeiro do Su	25.87 141	eP	Pn	01 06 00.1 +1.2
OLIL	Olney	25.92 1	Iamb	Iamb	01 05 59.5
Q44A	Meyer Farm, Va	26.08 360	Iamb	Iamb	01 06 00.8
SBM	South Baldy	26.96 325	P	Pn	01 06 10.9 +1.8
Q54A	Coxs Mills	27.11 14	Iamb	Iamb	01 06 10.2
P38A	Dawn	27.12 352	Iamb	Iamb	01 06 11.1
KSU1	Kansas State U	27.17 347	Iamb	Iamb	01 06 14.5
ANMO	Albuquerque	27.30 327	P	Pn	01 06 13.2 +1.4
PS3A	Whipple	27.47 13	Iamb	Iamb	01 06 13.9
SFIN	Lafayette	27.60 3	Iamb	Iamb	01 06 13.7
TUC	Tucson	28.03 318	P	Pn	01 06 22.1 +3.8
N25A	Trinidad	28.05 333	Iamb	Iamb	01 06 21.4
N38A	Joess South Fo	28.24 353	Iamb	Iamb	01 06 21.1
O54A	Avella	28.36 14	Iamb	Iamb	01 06 21.7
PAOC	Oil Creek Stat	29.79 14	Iamb	Iamb	01 06 34.0
JF16A	Lo Mia Camp, P	29.81 320	P	Pn	01 06 35.8 +1.6
XJWS	Jewell Farm	30.12 358	Iamb	Iamb	01 06 37.6
PV02	Paradox Valley	30.97 329	Iamb	Iamb	01 06 48.3
PV13	Radium Mtn.,	30.97 328	Iamb	Iamb	01 06 48.2
PV05	Paradox Valley	31.05 328	Iamb	Iamb	01 06 48.1
I42A	Draeger Farm,	31.07 360	Iamb	Iamb	01 06 44.4
IP04	Paradox Valley	31.19 329	Iamb	Iamb	01 06 49.9
PV22	Blue Mesa, Pa	31.24 329	Iamb	Iamb	01 06 50.3
I37A	Levend, Wasesca	31.44 354	P	Pn	01 06 47.6 -0.6
M65A	Busby, Falouta	32.83 26	P	Pn	01 07 01.5 +1.1
P17A	Butcher Ranch,	32.95 328	Iamb	Iamb	01 07 05.3
MPU	Maple Canyon	33.81 328	Iamb	Iamb	01 07 12.6
RSDR	Black Hills	33.91 340	P	Pn	01 07 10.9 +0.7
PPAD	Pinedale Array	34.92 333	P	Pn	01 07 18.8 -0.1
PDAR	comp=Z,2.4nm,0.8s,baz=131,slow=10,SNR=18		PcP	PcP	01 09 51.0 +0.4
LPAZ	La Paz	35.34 144	P	Pn	01 07 24.2 +1.1
LPAZ	La Paz	35.34 144	P	Pn	01 07 24.9 +1.7
LPB16	IPC Station P	36.26 148	Iamb	Iamb	01 07 24.3 +0.3
NVAR	Mina Array Bea	36.63 320	P	Pn	01 07 35.4 +1.9
NVAR	comp=Z,4.8nm,0.9s,baz=137,slow=7.9,SNR=12		PcP	PcP	01 09 57.8 +2.1
NVAR	comp=Z,6.8nm,0.4s,baz=109,slow=2.8,SNR=39		ScP	ScP	01 13 39.9 +1.7
NVAR	comp=Z,0.6nm,0.6s,baz=129,slow=4.1,SNR=3.8		LR	LR	01 22 36.8
LHV	Little Hooton	36.65 319	P	Pn	01 07 35.5 +2.1
LHV			Iamb	Iamb	01 07 44.5
RLMT	Red Lodge	36.70 332	P	Pn	01 07 33.7 -0.4
RLMT			Iamb	Iamb	01 07 36.1
ULM	Lac du Bonnet	37.87 353	P	Pn	01 07 42.1 -1.5
ULM	comp=Z,2.5nm,0.7s,baz=165,slow=9.0,LR,SNR=53		LR	LR	01 24 52.3
BOLZ	comp=Z,1.58nm,20.9s,baz=180,slow=39		P	Pn	01 51.1
WIB	Bozeman (W)	38.07 334	Iamb	Iamb	01 07 51.1
WIB	Wilhena	38.16 131	P	Pn	01 07 47.3 +0.8
WIB			Iamb	Iamb	01 07 49.7
DLMT	Dillon	38.16 131	eP	Pn	01 07 48.0 +1.5
DLMT			Iamb	Iamb	01 08 15.2
BEKR	Beckworth	38.76 320	P	Pn	01 07 52.7 +1.2
MSO	Missoula	40.03 333	P	Pn	01 08 01.7 -0.2
MSO			Iamb	Iamb	01 08 04.0
BMO	Blue Mountains	40.20 328	P	Pn	01 08 03.9 +0.6
CLDB	Colider	40.30 124	eP	Pn	01 08 04.1 -0.3</

SCRK	Sand Creek	63.76	336	P	P	01 10 57.7	-0.5
GLI	Glacier Island	63.78	332	P	P	01 10 58.0	-0.2
M24K	Tolson Glenn	63.86	334	P	P	01 10 58.5	-0.3
E29M	Blow River	63.90	342	P	P	01 10 58.9	0.0
PAX	Paxson	63.92	335	P	P	01 10 59.2	-0.1
H27K	Steamboat Moun	63.92	339	P	P	01 10 59.2	0.0
RIDG	Independent Rv	63.99	336	P	P	01 10 59.9	+0.2
F28M	Old Crow	64.09	341	P	P	01 11 00.2	+0.1
G27K	Doyon Strip	64.26	339	P	P	01 11 01.2	-0.2
KULLO	Kullorsuaq	64.34	9	i P	I Amb	01 11 00.3	-1.4
K24K	Donnelly Dome	64.40	336	I Amb	I Amb	01 11 04.0	
K24K	Donnelly Dome	64.40	336	P	P	01 11 02.4	+0.1
M23K	Glacier View	64.41	333	P	P	01 11 02.4	0.0
E28M	Babbage River	64.52	342	I Amb	I Amb	01 11 03.4	
E28M	Babbage River	64.52	342	P	P	01 11 03.1	+0.1
J25K	Salcha River	64.58	337	P	P	01 11 03.9	+0.4
SEW	Seward	64.59	331	P	P	01 11 03.9	+0.4
KNK	Knik Glacier	64.60	333	P	P	01 11 03.6	0.0
SML	Sawmill	64.68	333	P	P	01 11 04.4	+0.2
TULEG	Thule	64.70	5	P	I Amb	01 11 02.6	-1.3
TULEG	Thule	64.70	5	i P	I Amb	01 11 03.8	
TULEG	Thule	64.70	5	i P	I Amb	01 11 02.7	-1.3
WAT6	Susitna Wata	64.72	334	P	P	01 11 04.4	-0.2
DHY	Denali Highway	64.75	335	P	P	01 11 04.7	-0.1
O22K	Cooper Landing	64.85	331	P	P	01 11 04.3	-0.9
E27K	Coleen River	64.94	341	I Amb	I Amb	01 11 06.7	
E27K	Coleen River	64.94	341	P	P	01 11 05.8	0.0
PMR	Palmer	64.96	333	P	P	01 11 05.5	-0.4
PRP	Purcupine Dome	65.03	337	P	P	01 11 06.3	-0.2
RC01	Rabbit Creek A	65.06	332	P	P	01 11 06.4	-0.2
G26K	Purcupine River	65.06	339	P	P	01 11 06.5	0.0
HDA	Harding Lake	65.11	336	I Amb	I Amb	01 11 07.8	
HDA	Harding Lake	65.11	336	P	P	01 11 06.6	-0.3
IL31	Harding Lake	65.24	336	I Amb	I Amb	01 11 08.7	
ILAR	Eielson Array	65.24	336	P	P	01 11 07.2	-0.5
ILAR	Eielson Array	65.24	336	PP	PP	01 13 32.9	+1.3
ILAR	Eielson Array	65.24	336	P	P	01 11 06.9	-0.8
D27M	Malcolm River	65.30	342	P	P	01 11 08.0	-0.1
F26K	Sheenjek River	65.54	340	P	P	01 11 10.2	+0.5
POKR	Poker Plat Res	65.59	337	P	P	01 11 10.1	+0.1
CAPN	Capitan Cook N	65.61	331	P	P	01 11 09.9	-0.2
OHAK	Old Harbor	65.65	327	P	P	01 11 10.7	+0.3
MCK	McKinley	65.66	335	P	P	01 11 10.5	+0.1
G25K	Bearman Lake	65.79	339	P	P	01 11 11.3	+0.1
SII	Sitkinak Islan	65.79	327	P	P	01 11 12.7	+0.2
F25K	Christian River	66.00	339	P	P	01 11 13.0	+0.3
L22K	Petersville	66.01	333	P	P	01 11 12.8	0.0
NEA2	Nenana	66.03	336	P	P	01 11 13.3	+0.5
H24K	Noodor Dome	66.06	337	P	P	01 11 13.2	+0.2
O20K	Slope Mountain	66.10	331	P	P	01 11 13.1	-0.3
TRF	Thorofare Moun	66.12	334	I Amb	I Amb	01 11 14.7	
TRF	Thorofare Moun	66.12	334	P	P	01 11 13.3	-0.3
SKT	Skwentna	66.17	333	P	P	01 11 13.7	-0.1
E25K	Arctic Village	66.21	340	P	P	01 11 14.0	0.0
G24K	Hadweenzic Riv	66.26	338	I Amb	I Amb	01 11 16.5	
G24K	Hadweenzic Riv	66.26	338	P	P	01 11 14.2	-0.1
Q19K	Cape Douglas	66.28	329	P	P	01 11 14.4	-0.1
C27K	Jago River	66.33	342	I Amb	I Amb	01 11 16.3	
C27K	Jago River	66.33	342	P	P	01 11 14.6	0.0
I23K	Minto, Yukon-K	66.36	336	P	P	01 11 14.7	-0.2
SUMG	Summit	66.67	15	P	P	01 11 15.6	-1.6
SUMG	Summit	66.67	15	i P	I Amb	01 11 17.1	-1.5
H23K	Yukon River	66.68	337	P	P	01 11 16.8	-0.2
F24K	Squaw Lake	66.75	339	P	P	01 11 17.4	0.0
PPLA	Purkeybile	66.75	334	P	P	01 11 17.6	0.0
M20K	Styx River	66.86	332	P	P	01 11 18.0	-0.3
MLY	Manley	66.86	336	I Amb	I Amb	01 11 20.2	
MLY	Manley	66.86	336	P	P	01 11 18.0	-0.2
CAST	Castle Rocks	66.87	334	P	P	01 11 17.9	-0.3
Q18K	Katmai Hardcs	66.89	329	P	P	01 11 18.3	-0.2
D25K	Kavik River	67.02	341	P	P	01 11 19.2	+0.1
E24K	Your Creek	67.18	339	P	P	01 11 20.9	+0.8
N19K	Bonanza Creek	67.19	331	P	P	01 11 20.7	+0.4
G23K	Bonanza Creek	67.20	338	P	P	01 11 20.7	+0.4
O18K	Koktuh Hills	67.29	330	P	P	01 11 21.0	+0.1
H22K	Ishitalina Cre	67.41	337	P	P	01 11 21.6	0.0
M19K	Big River Lodg	67.44	332	P	P	01 11 21.9	0.0
NEEM	North Greenland	67.53	8	i P	I Amb	01 11 21.6	-1.0
E23K	Chandalar	67.57	339	I Amb	I Amb	01 11 22.1	
E23K	Chandalar	67.57	339	P	P	01 11 22.7	0.0
K20K	Telida	67.70	334	P	P	01 11 23.5	0.0
D24K	Happy Valley	67.74	340	P	P	01 11 23.9	+0.3

Q16K	King Salmon	67.74	328	P	P	01 11 23.8	0.0
TOLK	Toolik Lake Re	67.78	340	P	P	01 11 24.0	+0.1
N18K	Kilim Creek	67.82	331	P	P	01 11 24.4	+0.1
G22K	Bettles	67.82	338	P	P	01 11 24.6	+0.5
H21K	Melozitna Rive	67.89	336	P	P	01 11 24.4	-0.2
H21K	Melozitna Rive	67.89	336	I Amb	I Amb	01 12 10.0	
H21K	Melozitna Rive	67.89	336	P	P	01 11 24.7	+0.1
C24K	Franklin Bluff	67.93	341	P	P	01 11 24.6	-0.1
J20K	Nowinta River	67.97	335	P	P	01 11 25.3	+0.2
M18K	Stony River	67.99	332	P	P	01 11 25.3	+0.1
R16K	Pilot Point	67.99	327	P	P	01 11 25.4	+0.1
O17K	Koliganek Bris	68.20	330	P	P	01 11 27.0	+0.4
F22K	John River	68.27	338	P	P	01 11 27.3	+0.3
D23K	Nanushuk River	68.28	340	I Amb	I Amb	01 11 28.8	
D23K	Nanushuk River	68.28	340	P	P	01 11 27.2	+0.3
E22K	Anaktuvuk Pass	68.36	339	I Amb	I Amb	01 11 29.5	
E22K	Anaktuvuk Pass	68.36	339	P	P	01 11 27.5	0.0
N17K	Nushagak Hills	68.41	330	P	P	01 11 28.2	+0.2
G21K	Allakaket	68.43	337	P	P	01 11 28.1	+0.1
J19K	Poorman	68.54	334	P	P	01 11 28.9	+0.2
L18K	Granite Mounta	68.56	332	P	P	01 11 29.0	+0.2
C23K	Iktilik River	68.59	341	P	P	01 11 29.1	+0.2
CHNA	Chernabura Isl	68.63	324	P	P	01 11 29.6	+0.2
F21K	Alatina River	68.65	338	I Amb	I Amb	01 11 31.9	
F21K	Alatina River	68.65	338	P	P	01 11 29.7	+0.3
O16K	Kokwok River B	68.65	329	P	P	01 11 29.5	0.0
H20K	Anotleneega Mo	68.66	336	P	P	01 11 29.4	0.0
M17K	Hollina River	68.72	331	P	P	01 11 30.1	+0.2
S14K	Fog Glacier	68.83	326	P	P	01 11 30.6	-0.2
SDPT	Sand Point	69.21	325	P	P	01 11 32.5	-0.5
H19K	Roundabout Mou	69.20	336	I Amb	I Amb	01 11 34.3	
H19K	Roundabout Mou	69.30	336	P	P	01 11 33.8	+0.5
M16K	Timber Creek	69.36	331	P	P	01 11 34.1	+0.2
F20K	Avaraart Lake	69.43	337	P	P	01 11 34.8	+0.7
B22K	Teshkupuk Lake	69.67	341	P	P	01 11 35.1	-0.4
B22K	Teshkupuk Lake	69.67	341	P	P	01 11 35.8	+0.3
G19K	Purcell Mounta	69.71	336	P	P	01 11 36.4	+0.5
C21K	Knikfede Rid	69.73	340	P	P	01 11 36.5	+0.6
L16K	Owhat River	69.74	331	P	P	01 11 36.2	0.0
N15K	Kwethluk River	69.75	330	P	P	01 11 36.5	+0.2
B21K	Ikpikpuk River	69.82	340	P	P	01 11 36.7	+0.3
J17K	VABM Dome	69.90	333	P	P	01 11 37.4	+0.3
E20K	Nigu River	69.95	339	P	P	01 11 37.9	+0.4
H18K	Honhosa River	69.98	335	P	P	01 11 38.1	+0.5
E19K	Redstone River	70.11	338	P	P	01 11 39.0	+0.6
M15K	Kasigluk River	70.13	330	P	P	01 11 39.1	+0.6
F19K	Shchurckik Mo	70.15	337	P	P	01 11 38.8	+0.2
D20K	Etiulik River	70.23	339	P	P	01 11 39.4	+0.4
G18K	Tagagawik	70.27	336	I Amb	I Amb	01 11 40.3	
G18K	Tagagawik	70.27	336	P	P	01 11 39.3	-0.1
A22K	Sinclair Lake	70.38	341	P	P	01 11 40.0	+0.2
H17K	Granite Mounta	70.57	335	P	P	01 11 41.7	+0.5
L15K	Ungalak Mounta	70.68	331	P	P	01 11 41.9	0.0
D19K	Kuna River	70.70	339	P	P	01 11 41.8	-0.2
I17K	Unalakleet	70.70	334	P	P	01 11 42.0	+0.1
M14K	Bethel	70.76	330	P	P	01 11 42.7	+0.4
B20K	Meade River	70.78	340	P	P	01 11 42.7	+0.4
K15K	Wolof Creek Mou	70.80	332	P	P	01 11 43.3	+0.7
F18K	Selawik	70.82	336	P	P	01 11 43.1	+0.4
G17K	Kiwalik Mounta	70.99	335	P	P	01 11 43.9	+0.1
E18K	Tukpalearik C	71.36	337	P	P	01 11 46.2	+0.3
C19K	Lookout Ridge	71.37	339	P	P	01 11 46.2	+0.1
F17K	Baldwin Pennin	71.42	336	P	P	01 11 46.6	+0.3
H16K	Elim	71.50	334	P	P	01 11 47.2	+0.4
G16K	Koyuk River	71.67	335	P	P	01 11 48.1	+0.3
E17K	Hotham Inlet	71.76	337	P	P	01 11 48.5	+0.2
C18K	Utukok River	71.84	338	P	P	01 11 49.0	+0.1
DBG	Daneborg	72.10	15	i P	I Amb	01 11 48.7	-1.6
DBG	Daneborg	72.10	15	P	P	01 11 50.4	
D17K	Noatak River	72.35	337	P	P	01 11 52.1	+0.3
UNV	Unalaska Valle	72.57	323	P	P	01 11 53.5	+0.1
DAG	Danmarks Havn	73.20	13	i P	I Amb	01 11 54.9	-1.8
DAG	Danmarks Havn	73.20	13	P	P	01 11 55.9	-1.8
NOR	Nord	74.91	8	i P	I Amb	01 12 05.8	-0.9
NOR	Nord	74.91	8	P	P	01 12 06.3	
EKA	Eskdalemir Ar	77.20	36	P	P	01 12 16.6	-3.6
ESDC	Sonsecqa Array	78.08	52	P	P	01 12 22.5	-3.0
ESDC	Sonsecqa Array	78.08	52	P	P	01 12 23.7	-1.8
ESDC	Sonsecqa Array	78.29	52	P	P	01 12 23.7	-1.8
MD01	Middelt array s	78.29	59	P	P	01 12 26.2	-0.7
SPITS	Spitsbergen Ar	80.72	12	P	P	01 12 37.7	-1.3
SPITS	Spitsbergen Ar	80.72	12	I Amb	I Amb	01 49 13.0	
NOA	NORSAR Array B	83.79	29	P	P	01 12 53.4	-2.0
NOA	NORSAR Array B	83.79	29	I Amb	I Amb	01 47 17.4	
NC602	NORSAR Array S	84.02	29	P	P	01 12 55.6	-0.9
NC602	NORSAR Array S	84.02	29	I Amb	I Amb	01 15 37.6	

ARCES	ARCCESS Array B	86.37	19	P	P	01 13 06.5	-1.6
FUORN	Oronpass-Fuorn	87.01	43	P	P	01 13 11.8	-0.3
TORD	Tordi						

1d 3h

Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like H1121 WAKE ISLAND Hy, H1123 WAKE ISLAND Hy, MJAR Matsuhiro Arr, etc.

IDC 01 02:36:52.4-1.1, 9.95S, 150.22E, h0km, mb3.9/7, mbtmp3.8/9, ML2.7/2, MS3.1/2, Error ellipse: s-maj=29.7km s-min=22.6km az=106.0

Table with columns: Code, Station Name, Time, Res, Code. Includes stations like PMG Port Moresby, YKA Yellowknife Ar, NVAR Warramunga Arr, etc.

IDC 01 02:37:02.2-7.7, 32.14S, 147.73E, h417km, 94km, mb2.9/2, mbtmp3.9/3, Error ellipse: s-maj=103.9km s-min=43.2km az=6.0

Table with columns: Code, Station Name, Time, Res, Code. Includes stations like WEL 01 02:37:03.0, GLKZ Green Lake, WMGZ Waionatitini S, etc.

WEL 01 03:00:14.7-0.6, 34.3S, 164.18E, h13km, h21km, M4.4/12, mb5.0/5, ML4.3/20, MLv4.4/12, Mw(mb)4.5/1, Error ellipse: s-maj=17.5km s-min=5.2km az=108.5

Table with columns: Code, Station Name, Time, Res, Code. Includes stations like WMGZ Waionatitini S, HAZ Te Kaha, PKGZ Pakihiroa, etc.

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Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like RAHZ Aarahi, MTHZ Maungataniwha, NMHZ Naumai, etc.

TRN 01 03:01:43.3, 13.12N, 58.90W, h75km, MD3.5, East of Barbados, North Atlantic Ocean

Table with columns: Code, Station Name, Time, Res, Code. Includes stations like BBGH Gun Hill, SLBI Saint Lucia, SLBI Castries, St., etc.

IDC 01 03:03:54.7-1.2, 35.61N, 23.49E, h0km, mb3.6/5, mbtmp3.5/8, ML2.9/3, Error ellipse: s-maj=24.4km s-min=11.5km az=23.0

ATH 01 03:03:55.8, 35.60N, 23.50E, h13km, ML3.4/11, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km

THE 01 03:03:56.5, 36.12N, 2.24E, h3km, 1km, M3.2/26, MLh3.2/26

ISK 01 03:03:56.1, 35.59N, 23.55E, h11km, ML3.3/9

Table with columns: Code, Station Name, Time, Res, Code. Includes stations like ANKY Antikythira Is, ANKY Antikythira Is, ANKY Antikythira Is, etc.

IDC 01 03:03:56.2, 9.350N, 03:23:52E, h11km, 7km, n67, c674/81, mb3.8/4, Crete

Table with columns: Code, Station Name, Time, Res, Code. Includes stations like ANKY Antikythira Is, ANKY Antikythira Is, ANKY Antikythira Is, etc.

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Table with columns: Station Name, Time, Res, Code, Station Name, Time, Res, Code. Includes stations like HFS Hagfors, NOA NORSTAR Array B, EKA Eskdalemuir Ar, etc.

THE 01 03:27:44.5, 35.1N, 7.20E, h35km, 21km, M3.3/37, MLh3.3/37

ATH 01 03:27:44.6, 35.02N, 20.29E, h33km, 5km, ML3.4/17, Latitude uncertainty: 4 km; Longitude uncertainty: 4 km

PDG 01 03:27:45.6, 0.4, 35.42N, 20.05E, h13km, 1km, ML3.5/11, Error ellipse: s-maj=59.1km s-min=19.4km az=90.0

ISC 01 01:27:44.8, 1.4, 35.42N, 20.04, 20.36E, 0.04, h16km, 6km, n83, c189/78, 3C-5D, Central Mediterranean Sea

Table with columns: Code, Station Name, Time, Res, Code. Includes stations like PYLE Pylos, PYLE Pylos, PYLE Pylos, etc.

DNK 01 03:44:41.1, 1.3, 81.61N, 15.77W, h1km, 6km, ML1.9, Presumed earthquake

BER 01 03:44:41.3, 3.8, 81.71N, 16.39W, h1km, 16km, Mw3.8, ML1.9(DNK), 2C, Confirmed Earthquake, Near north coast of Kalallit Nunaat

Table with columns: Code, Station Name, Time, Res, Code. Includes stations like NOR Nord, NOR Nord, NOR Nord, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like AK19 Malin Array Si, AK20 Malin Array Si, AK17 Malin Array Si, etc.

KRNET 01 04:39:21.4, 0.1, 41.71N, 107.18E, h16km, mb2.2
NINC 01 04:39:21.4, 1.6, 41.69N, 107.09E, h3km, mb5,
mpv2.7, Error ellipse: s-maj=13.1km s-min=6.8km az=38.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like CHMG Chimgan, CHMG Chimgan, TVKS Tavakasy, etc.

IDC 01 04:42:03.0, 0.8, 28.07N, 104.64E, h0km, mb3.9/15,
mbmp3.9/17, ML4.0/2, MS3.1/10, Error ellipse:
s-maj=29.8km s-min=15.5km az=54.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like ENH Enshi, LZDM Lanzhou Array, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like SONM Songino Array, SONM Songino Array, ULN Ulanbatar, etc.

IDC 01 04:56:19.6, 1.0, 28.02N, 104.58E, h0km, mb3.8/5,
mbmp3.7/7, ML4.1/1, MS3.4/3, Error ellipse: s-maj=67.2km
s-min=18.0km az=89.0

IDC 01 04:56:24.7, 1.2, 28.11N, 102.1047E, 0.3, h35km, n10,
#0487.7, mb3.8/5, MS3.4/3, Sichuan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like LZDM Lanzhou Array, SONM Songino Array, MKAR Makanchi Array, etc.

DJA 01 04:57:58.6, 0.6, 4.1N, 122.6E, h126km, 5km, M4.4/13,
m4.4/5, m5.3/3, MLV4.3/3, Mw(m)4.4/7.3
MAN 01 04:57:00.0, 3.85N, 125.96E, h116km, MS2.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like SGSI Sanghie, SGSI Sanghie, GALE Galea, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like GBPR Guanica, GBPR Guanica, MLPR Magueyes, etc.

IDC 01 05:20:08.3, 1.0, 2.91S, 129.84E, h0km, mb4.0/4,
mbmp4.0/7, ML3.9/3, MS3.1/3, Error ellipse: s-maj=37.5km
s-min=18.5km az=89.0

DJA 01 05:20:11.7, 0.5, 3.3S, 133.0E, h13km, 4km, M4.2/19,
m5.5/3, m6.4/5, MLV4.0/19, Mw(m)4.9/3

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like MSAI Masohi, MSAI Masohi, BKNDi Bhandairi, etc.

IDC 01 05:21:05.9, 3.6, 51N, 9.69W, h17km, ML1.4
SFS 01 05:21:05.8, 3.6, 52N, 9.77W, h30km, ML2.0/9, ML2.3/9,
#18118, mb4.0/4, Seram

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include stations like IGIL 01 05:21:05.9, 3.6, 51N, 9.69W, h17km, ML1.4, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res, ISC. Includes stations like CNGA AI SSO del Vol, CNGN Cerro Negro, MACN El Madrono, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res, ISC. Includes stations like R16K comp=E,907nm,1.1s, KAKN Katmai Knife C, KDKA Kodiak Island, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res, ISC. Includes stations like A36M Sachs Harbour, YKAW Yellowknife Wh, NLWA Neilton Lookou, etc.

IDC 01 07:14:58.0±1.0, 56.64N-155.39W, h0km, mb4.0/18, mbtmp4.0/19, ML4.0/1, MS3.1/5, Error ellipse: s-maj=26.0km s-min=17.3km az=171.0

STLK Strandline Lake 5.26 16 Pn 07 16 19.7+0.1 P23K Montague Island 5.30 45 Pn 07 16 20.1+0.1 P23K comp=E,37nm,1.6s 07 18 13.2

IDC 01 07:24:59.9±4.5, 3.57N-127.83E, h0km, mb3.8/3, mbtmp3.8/3, MS3.2/4, Error ellipse: s-maj=165.3km s-min=70.4km az=76.0, Talau Islands

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res, ISC. Includes stations like SII Sitkinak Island, CHIR Chirikof Island, OHAK Old Harbor, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res, ISC. Includes stations like R17L Mt. Peulik Vol, CAHL Cahill, PLBL Peulik Blue Cr, etc.

Table with columns: Code, Station Name, Az, El, P, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, JCJ Chirchik, ASAR Alice Springs, etc.

1d 7h

Table of astronomical observations for 1d 7h, listing objects like DPSS Saipan, JCJ Chichijima, KATS Keravat, etc., with columns for object name, coordinates, magnitude, and other parameters.

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Main table of astronomical observations for 2020 JUN, listing objects like KURK Kurchatov, KURB Kurchatov, CNPM China Poot, etc., with columns for object name, coordinates, magnitude, and other parameters.

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Table of astronomical observations for 18, listing objects like NEIC 01 07:46:16.3, PLID Pearl Lake, etc., with columns for object name, coordinates, magnitude, and other parameters.

1d 10h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Pedro de A, San Lorenzo, IPOC Station P, etc.

IDC 01 09:27:43.5±0.6, 14'99S:72.94W, h221km,78km,mb3.0/2, mbtpm3.6/4, Error ellipse: s-maj=8.07km s-min=28.6km az=77.0, Central Peru

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like La Paz, San Ignacio, Paso Flores, Lajitas Array, etc.

NEIC 01 09:38:48.7±1.5, 38°18'N:0°02'117.79W:0.02, h5km,6km, ML3.2/92, ML3.5/14(REN), Error ellipse: s-maj=3.0km s-min=1.3km az=208.0

REN 01 09:36:49.1±1.3, 38°17'N:0°02'117.87W:0.02, h8km,5km, Error ellipse: s-maj=2.5km s-min=2.4km az=164.0, Nevada

Large table listing seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Columbus, Mina Array Sit, Deep Springs, etc.

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Table listing seismic events with columns: BEKR, CCCA, SHPR, GSC, GSC, PKD, MTPC, CEK, CCUT, CCUT, CCUT, CCUT, O03E, O03E, O03E, HATC, HATC, HATC, 113A. Includes descriptions like Bear Valley Ra, Mountain Pass, Cedar City, etc.

CATAC 01 09:47:21.8±0.6, 13°N:4°9'0W:1.1, h28km,4km, M3.1/14, ML3.1/14, Error ellipse: s-maj=8.8km s-min=6.5km az=7.7, confirmed

SNET 01 09:47:23.0±0.9, 13°29'N:89°75'W, h38km,12km, ML3.1, Presumed earthquake

GCG 01 09:47:23.0±0.7, 13°35'N:89°80'W, h28km,14km, MD3.5, Presumed earthquake

ISC 01 09:47:21.6±2.4, 13°22'N:0°11'89.77W:0.02, h27km,13km, n39, c053/56, 1C-4D, El Salvador

Table listing seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Alcalda de L, Cerro Verde, San Blas, Universidad Ev, etc.

DNK 01 10:08:17.4±1.0, 51°55'N:16°16'E, h0km, ML2.8, Suspected explosion

VIE 01 10:08:17.0±0.8, 51°45'N:16°41'E, h0km, mb2.2/6, ml2.9/5, Error ellipse: s-maj=7.0km s-min=5.7km az=135.0 16 km ENE of Lubin Suspected Mining induced.

IPEC 01 10:08:18.1±0.2, 51°40'N:16°27'E, h1km, ML2.4/8, Error ellipse: s-maj=1.3km s-min=0.9km az=35.0

PRU 01 10:08:21.0±0.5, 51°30'N:16°23'E, h0km, ISC 01 10:08:16.1±0.8, 51°51'N:0°03'16.28E:0.03, h0km, n36, c110/70, Poland

Table listing seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KSP, KSP, CHVC, CHVC, Ostas, etc.

Table listing seismic stations with columns: CLC, CLC, CLC, VRAC, VRAC, MAUC, MAUC, KRUC, KRUC, ZVC, ZVC, ZVC, STAC, STAC, OJC, OJC, JAVC, JAVC, KHC, KHC, KHC, CKRC, CKRC, LANS, LANS, MODS, MODS, WINA, WINA, CONA, CONA, BSD, BSD, BSD, RONA, RONA, MOA, MOA, ARSA, ARSA, LUNU, LUNU, BLEU, BLEU, BLEU, BJUU, BJUU, DEL, DEL. Includes descriptions like Vranov, Maruska, Moravsky, etc.

IDC 01 10:19:33.1±2.0, 8°43'S:127°92'E, h0km, mb3.7/1, mbtpm3.6/5, ML3.5/4, Error ellipse: s-maj=35.2km s-min=25.0km az=81.0, Timor region

Table listing seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BATA, BATA, FITZ, FITZ, WRA, WRA, ASAR, ASAR, SONM, SONM. Includes descriptions like Baunata, Fitzroy Crossi, etc.

WEL 01 10:25:39.0±3.0, 43°3'21.7'E:21°52'N, h5km, M3.4/24, ML3.3/11, ML3.4/24, Error ellipse: s-maj=3.2km s-min=2.2km az=58.4, confirmed

NOU 01 10:25:40.2±42.93S:171°61'E, h15km, ML3.7/11, South Island, New Zealand

ISC 01 10:25:39.3±0.8, 42°88'S:0°02'171°61'E:0.02, h10km, n6km, n68, c066/77, South Island

Table listing seismic stations with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like APPS, APPS, IFPS, IFPS, INZ, INZ, KOKS, KOKS, CSHS, CSHS, ARPN, ARPN, LTZ, LTZ, GMFS, GMFS, SPRS, SPRS, OXF, OXF, etc.

CMAR	Chiang Mai Arr	39.43 262	P	P	10 38 36.3 +0.1	KURK	Kurchatov	49.40 312	P	P	10 39 54.7 -0.7	K20K	Telida	52.10 31	Iamb	Iamb	10 40 19.4
CMAR	Chiang Mai Arr	49.43 262	i P	P	10 38 37.0 +0.9	KURK	Kurchatov	49.46 312	P	P	10 41 17.7	K20K	Telida	52.10 31	P	P	10 40 17.3 +1.8
SPSI	Sidrap Lau	39.71 213	P	P	10 38 39.4 +1.0	KURRB	Kurchatov Arra	49.46 312	P	P	10 41 54.6 -1.2	I20K	Naagdeneel	52.11 29	P	P	10 40 17.3 +1.8
BILL	Bilibino	40.35 15	Iamb	P	10 38 43.2 +0.1	KURRB	comp-Z, 4.9nm, 0.8s, baz=91, slow=7.2, SNR=48	P	P	10 41 17.7 +0.3	B20K	Meade River	52.12 23	P	P	10 40 16.4 +0.9	
BILL	Bilibino	40.35 15	Iamb	P	10 38 45.2	KURRB	comp-Z, 6.0nm, 0.9s, baz=93, slow=4.0, SNR=9.7	LR	LR	11 00 41.9	J20K	Nowinta River	52.16 30	P	P	10 40 17.1 +1.2	
BILL	Bilibino	40.35 15	i P	P	10 38 43.8 +0.7	M16K	Timber Creek	49.51 34	P	P	10 39 57.9 +1.8	P19K	Oii Pt	52.20 36	P	P	10 40 17.7 +1.4
PMG	Port Moresby	40.38 170	LR	LR	10 53 29.0	N16K	Nishik Lake	49.52 35	P	P	10 39 57.8 +1.7	M20K	Styx River	52.29 33	P	P	10 40 19.0 +1.2
KAPI	Kappang	40.63 213	LR	LR	10 54 54.8	MASI	Maura Aman, Be	49.57 234	P	P	10 39 58.8 +1.7	KDAK	Kodiak Island	52.47 38	P	P	10 40 20.3 +2.0
KAPI	Kappang	40.63 213	c P	P	10 38 46.6 +0.6	C17K	DeLong Mountai	49.62 24	P	P	10 39 59.3 +2.5	KDAK	Kodiak Island	52.47 38	P	P	10 40 20.0 +1.7
KAPI	Kappang	40.63 213	c P	P	10 38 48.0 +1.9	UZB	Uzunbulak	49.62 302	eP	P	10 39 56.0 -1.4	O20K	Slope Mountain	52.52 36	P	P	10 40 20.3 +1.5
KAPI	Kappang	40.63 213	c P	P	10 38 49.2 +3.1	UZB	Uzunbulak	49.62 302	eP	P	10 39 56.0 -1.4	SANVU	Saraoutou	52.61 147	P	P	10 40 20.4 +0.6
TIXI	Tiksi	41.50 355		P	10 38 52.1 -0.4	E17K	Hotham Inlet	49.66 26	P	P	10 39 59.0 +1.8	A21K	Barrow	52.63 21	P	P	10 40 21.0 +1.7
TIXI	Tiksi	41.50 355		P	10 38 52.0 -0.5	G17K	Kwailup Mount	49.69 28	P	P	10 39 59.3 +1.9	C21K	Knifeblade Rid	52.74 24	P	P	10 40 22.1 +1.9
SHL	Shilong	42.85 276	P	P	10 39 04.8 +0.4	P16K	Nushagak River	49.71 37	P	P	10 39 59.2 +1.6	G21K	Allakaket	52.75 27	Iamb	Iamb	10 40 23.7
SOEI	Soe	43.10 204	P	P	10 39 05.6 -0.7	O16K	Kokwok River B	49.73 36	P	P	10 39 59.5 +1.7	G21K	Allakaket	52.75 27	P	P	10 40 22.2 +1.9
SOEI	Soe	43.10 204	P	P	10 39 07.3 +1.0	R16K	Pilot Point	49.78 39	P	P	10 39 59.9 +1.8	SGDS	Sogindy	52.75 303	eP	P	10 40 19.5 -1.3
WMQ	Urumqi	43.28 303	eP	P	10 39 08.1 +0.6	KPKS	Kokpek	49.83 303	eP	P	10 39 57.4 -1.4	SPCR	Spurr Chakacha	52.78 34	P	P	10 40 22.5 +1.8
WMQ	Urumqi	43.28 303	eP	P	10 39 08.1 +0.6	KPKS	Kokpek	49.83 303	eP	P	10 39 57.5 -1.4	SPU	Mount Spurr	52.86 34	Iamb	Iamb	10 40 24.5
WMQ	Urumqi	43.28 303	eP	P	10 39 08.1 +0.6	H17K	Khanik Mounta	49.85 29	P	P	10 39 56.3 -2.4	F21K	Alatna River	52.87 27	P	P	10 40 22.8 +1.6
WMQ	Urumqi	43.28 303	eP	P	10 39 08.1 +0.6	TDK	Taldyqorghan	49.86 305	eP	P	10 39 57.8 -1.2	E21K	Kilik River	52.89 25	Iamb	Iamb	10 40 24.8
WMQ	Urumqi	43.28 303	eP	P	10 39 08.1 +0.6	TDK	Taldyqorghan	49.86 305	eP	P	10 39 57.8 -1.2	E21K	Kilik River	52.89 25	P	P	10 40 23.2 +1.9
BATI	Baumata	43.73 204	LR	LR	10 55 12.0	TDK	Taldyqorghan	49.86 305	eP	P	10 39 57.8 -1.2	B21K	Ikpkpk River	52.89 23	P	P	10 40 23.1 +1.8
KDU	Kakadu	43.80 191	P	P	10 39 11.9 +0.2	J17K	VABM Dome	49.88 31	P	P	10 40 00.6 +1.8	PPLA	Purkeypile	52.91 32	P	P	10 40 23.0 +1.3
HNR	Honlara	44.08 152	LR	LR	10 55 35.9	GSJ	Gunungstoli	49.99 243	P	P	10 39 59.0 -1.4	H21K	Meloztina Rive	52.92 29	P	P	10 40 23.5 +2.0
MTN	Manton Dam	44.19 193	P	P	10 39 13.6 -1.3	GSJ	Gunungstoli	49.99 243	P	P	10 39 57.6 -2.7	CHUM	Lake Minchum	52.93 31	P	P	10 40 23.6 +1.9
UNV	Unalaska Valle	44.30 43	P	P	10 39 16.6 +1.2	L17K	Donlin	50.00 33	P	P	10 40 01.2 +1.4	AAK	Ala-Archa	52.99 302		P	10 40 21.9 -0.7
GAMB	Gambell	44.63 28	P	P	10 39 19.0 +1.1	SATY	Saty	50.08 302	eP	P	10 39 59.4 -1.4	AAK	Ala-Archa	52.99 302		P	10 40 21.9 -0.7
MYKOM	Kota Tinggi	44.99 237	P	P	10 39 19.7 -1.7	SATY	Saty	50.10 32	P	P	10 40 02.2 +1.7	CAST	Castle Rocks	53.00 31	P	P	10 40 23.8 +1.6
MYKOM	Kota Tinggi	44.99 237	P	P	10 39 24.2 +2.8	E18K	Tukpahleark C	50.22 26	P	P	10 40 03.2 +1.9	HOM	Home	53.00 36	P	P	10 40 23.9 +1.7
ZSN	Zaisan	45.28 308	eP	P	10 39 22.2 -1.2	O17K	Koilganek Bris	50.25 36	P	P	10 40 03.7 +2.0	A22K	Sinclair Lake	53.07 22	P	P	10 40 24.2 +1.6
ZSN	Zaisan	45.28 308	eP	P	10 39 22.3 -1.2	M17K	Hollita River	50.29 34	P	P	10 40 03.6 +1.6	SKT	Skwentna	53.15 33	Iamb	Iamb	10 40 26.1
KHKH	Kahang-Kahang	45.55 216	P	P	10 39 28.4 +2.6	N17K	Nushagak Hills	50.30 35	P	P	10 40 03.2 +1.1	SKT	Skwentna	53.15 33	Iamb	Iamb	10 40 25.1 +1.7
TPI	Tanjungpandan	45.63 229	P	P	10 39 28.6 +0.3	F18K	Selawik	50.36 27	P	P	10 40 04.2 +1.8	SKT	Skwentna	53.15 33	Iamb	Iamb	10 40 25.6 +2.0
ZALV	Zalesovo Beam	45.79 317	P	P	10 39 26.7 -0.6	C18K	Utuk River	50.36 24	P	P	10 40 04.0 +1.5	BRZS	Berezinski	53.24 312	eP	P	10 40 23.1 -1.0
ZALV	Zalesovo Beam	45.79 317	P	P	10 39 26.7 -0.6	Q16K	King Salmon	50.37 37	P	P	10 40 03.9 +1.3	BRZS	Berezinski	53.24 312	eP	P	10 40 23.2 -1.0
ZALV	Zalesovo Beam	45.79 317	P	P	10 41 04.6 +0.3	R17L	Mt. Peulik Vol	50.44 39	P	P	10 40 04.9 +1.7	CAPN	Captain Cook N	53.28 35	P	P	10 40 26.3 +2.0
ZALV	Zalesovo Beam	45.79 317	P	P	10 41 04.6 +0.3	P17K	Kvichak River	50.53 36	P	P	10 40 04.5 +1.6	F22K	John River	53.41 26	P	P	10 40 27.1 +2.0
M11K	Mekoryuk	45.89 34	P	P	10 39 29.3 +1.3	H18K	Honhosa River	50.54 29	P	P	10 40 05.4 +1.6	B22K	Teshekpuk Lake	53.44 23	P	P	10 40 27.3 +2.0
DSR	Dabo	46.05 234	P	P	10 39 23.2 +3.4	FITZ	Fitzroy Crossi	50.55 198	P	P	10 40 04.8 +0.5	H22K	Ishlalina Cre	53.53 28	P	P	10 40 28.4 +2.3
TNI	Tin City	46.83 27	P	P	10 39 36.5 +1.2	FITZ	Fitzroy Crossi	50.55 198	P	P	10 40 04.4 +0.1	L22K	Petersville	53.54 33	Iamb	Iamb	10 40 28.7
K13K	Kusiyak Mount	47.03 32	P	P	10 39 38.5 +1.5	G18K	Tagaewik	50.58 28	P	P	10 40 05.7 +1.5	L22K	Petersville	53.54 33	P	P	10 40 27.7 +1.6
MK31	Makanchi Array	47.04 307	eP	P	10 39 36.3 -1.0	WRAB	Tennant Creek	50.67 187	P	P	10 40 04.2 -1.0	G22K	Bettie	53.59 27	P	P	10 40 27.8 +1.4
MKAR	Makanchi Array	47.04 307	P	P	10 39 36.4 -0.9	WRAB	Tennant Creek	50.67 187	i P	P	10 40 04.9 -0.3	E22K	Anaktuvuk Pass	53.63 26	P	P	10 40 28.7 +1.9
MKAR	Makanchi Array	47.04 307	P	P	10 41 09.6 +0.7	WRA	Warramunga Arr	50.68 187	P	P	10 40 04.5 -0.8	MLY	Manley	53.72 29	P	P	10 40 29.5 +2.0
MKAR	Makanchi Array	47.04 307	P	P	10 45 02.4 +3.1	WRA	Warramunga Arr	50.68 187	P	P	10 40 04.5 -0.8	CUT	Chulitna	53.76 33	P	P	10 40 28.8 +1.0
MKAR	Makanchi Array	47.04 307	P	P	10 39 36.7 -0.6	WRA	Warramunga Arr	50.68 187	P	P	10 40 04.0 -1.3	TRF	Thorofare Moun	53.80 31	Iamb	Iamb	10 40 31.5
MKAR	Makanchi Array	47.04 307	P	P	10 39 40.5 +2.3	WRA	Warramunga Arr	50.68 187	i P	P	10 40 04.5 -0.8	TRF	Thorofare Moun	53.80 31	P	P	10 40 29.2 +1.3
MAKZ	Makanchi	47.26 307	P	P	10 39 38.2 -0.7	WRA	Warramunga Arr	50.68 187	P	P	10 40 04.0 -1.3	M22K	Willow	53.81 34	P	P	10 40 29.1 +1.0
MAKZ	Makanchi	47.26 307	P	P	10 39 38.2 -0.7	WRA	Warramunga Arr	50.68 187	P	P	10 40 04.5 -0.8	O22K	Cooper Landing	53.98 35	P	P	10 40 30.6 +1.2
M13K	Dall Lake	47.27 34	P	P	10 39 40.6 +1.8	TARG	Taragay, Kyrgy	50.70 301	P	P	10 40 05.8 -0.1	RCO1	Rabbit Creek A	53.98 34	P	P	10 40 30.7 +1.3
F14K	Arctic Creek	47.42 27	P	P	10 39 41.4 +1.5	CHIR	Chirikof Islan	50.75 41	P	P	10 40 07.0 +1.5	SEW	Seward	54.11 36	P	P	10 40 31.3 +1.0
KNRA	Kununurra	47.44 195	P	P	10 39 40.3 -0.3	L18K	Granite Mounta	50.76 33	P	P	10 40 07.1 +1.6	G23K	Bananza Creek	54.16 27	P	P	10 40 32.3 +1.6
ANM	Nome	47.50 28	P	P	10 39 42.2 +1.6	CTA	Charters Tower	50.79 173	P	P	10 40 05.0 -1.2	D23K	Nanushuk River	54.16 25	P	P	10 40 33.2 +2.6
L14K	Kuka Creek	47.80 33	P	P	10 39 44.1 +1.2	CTA	Charters Tower	50.79 173	P	P	10 40 05.0 -1.2	H23K	Yukon River	54.28 28	P	P	10 40 34.3 +2.7
SDPT	Sand Point	47.97 41	P	P	10 39 45.2 +0.9	A19K	Wainwright	50.79 173	P	P	10 40 08.1 +1.8	PMR	Palmer	54.28 34	P	P	10 40 32.7 +1.2
N14K	Kuskokwak Cree	47.99 35	P	P	10 39 45.6 +1.3	N18K	Kilae Creek	50.95 35	P	P	10 40 08.6 +1.6	C23K	Iklik River	54.30 23	P	P	10 40 33.7 +2.1
PSI	Prapat	48.00 243	P	P	10 39 45.4 +0.2	QIS	Mount Isa	50.95 181	P	P	10 40 07.4 0.0	I23K	Minto, Yukon-K	54.31 29	P	P	10 40 33.7 +2.0
PSI	Prapat	48.00 243	P	P	10 39 45.9 +0.7	MDOK	Medeo	51.05 303	eP	P	10 40 06.8 -1.4	AS15	Alice Springs	54.37 187	P	P	10 40 31.8 -0.8
M14K	Bethel	48.02 34	P	P	10 39 47.0 +2.5	MDOK	Medeo	51.05 303	eP	P	10 40 06.8 -1.4	BVAR	Borovoye Array	54.38 316	P	P	10 40 31.7 -0.8
M14K	Bethel	48.02 34	P	P	10 39 45.7 +1.2	C19K	Lookout Ridge	51.05 24	P	P	10 40 08.7 +1.1	BVAR	Borovoye Array	54.38 316	P	P	10 41 36.6 +0.8
RPSI	Rantau Prapat	48.07 243	P	P	10 39 45.4 -0.1	M18K	Stony River	51.07 34	P	P	10 40 08.9 +1.0	NEA2	Nenana	54.40 30	P	P	10 40 34.3 +1.9
O14K	Tiguykauivet M	48.08 36	P	P	10 39 46.3 +1.2	GCSA	Galena City Sc	51.08 29	P	P	10 40 09.0 +1.2	AS31	Alice Springs	54.40 187	P	P	10 40 32.2 -0.6
F15K	North Star Dit	48.16 27	P	P	10 39 46.8 +1.2	KDJ	Kaisay	51.10 301	P	P	10 40 08.2 -0.5	AS31	Alice Springs	54.40 187	P	P	10 40 32.1 -0.8
G15K	Niukluk	48.18 28	P	P	10 39 47.2 +1.4	TNSS	Tian-Shan	51.14 303	eP	P	10 40 07.5 -1.7	ASAR	Alice Springs	54.40 187	P	P	10 40 32.2 -0.7
KPJI	Karang Pucung	48.37 224	P	P	10 39 49.2 +1.3	TNSS	Tian-Shan	51.14 303	eP	P	10 40 07.5 -1.7	ASAR	Alice Springs	54.40 187	P	P	10 41 37.3 +1.1
L15K	Ungalak Mounta	48.43 33	P	P	10 39 49.2 +1.4	P18K	Big Mountain,	51.16 36	P	P	10 40 09.8 +1.2	ASAR	Alice Springs	54.40 187	P	P	10 41 37.3 +1.1
CHNA	Chernabura Isl	48.43 42	P	P	10 39 49.6 +1.8	O18K	Koktuh Hills	51.21 36	P	P	10 40 10.6 +1.7	ASAR	Alice Springs	54.40 187	P	P	10 41 37.3 +1.1
K15K	Wolf Creek Mou	48.55 32	P	P	10 39 50.1 +1.5	G19K	Katmai Hardscr	51.22 37	P	P	10 40 10.1 +0.9	ASAR	Alice Springs	54.40 187	P	P	10 4

1d 10h

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Main data table with columns for station name, coordinates, elevation, and various parameters. Includes sub-sections for 'Dodecanese Islands' and 'ISC'.

YKA	Yellowknife Ar	69.75	29	P	P	11 29 32.2	+0.3
FINES	FINES Array B	74.11	333	P	P	11 29 56.6	-1.4
comp=2.0, 0.9m, 0.4s, baz=49, slow=5.6, SNR=5.9							
FINES	FINES Array B	74.11	333	P	P	11 29 57.8	-0.2
I04A	Tendick Farm,	74.19	48	I	I	11 30 00.1	+1.1
I04A				I	I	11 30 04.0	
comp=Z, 6.1nm, 1.0s							
KBZ	Khabaz	74.51	312	P	P	11 29 58.9	-1.8
comp=Z, 0.9m, 0.6s, baz=76, slow=4.2, SNR=2.1							
BLKN	Baker Lake	75.58	22	I	I	11 30 07.0	+0.5
BLKN				I	I	11 30 07.5	
comp=Z, 5.0nm, 0.7s							
J08A	Circle Bar Ran	76.92	47	I	I	11 30 17.6	
BEKR	Beckworth	77.41	51	I	I	11 30 19.5	+1.9
BEKR				I	I	11 30 20.0	
comp=Z, 3.9nm, 0.9s							
CMB	Columbia Colle	78.29	53	P	P	11 30 24.4	+2.0
PNTR	Pine Nut	78.30	52	I	I	11 30 31.0	
AKASG	Malin Array Be	78.88	323	P	P	11 30 24.1	-1.2
comp=Z, 0.9m, 0.3s, baz=51, slow=5.4, SNR=6.3							
AKASG	Malin Array Be	78.88	323	P	P	11 30 24.6	-0.6
NVAR	Minna Array Bea	79.51	52	P	P	11 30 27.7	-1.6
comp=Z, 0.8m, 0.4s, baz=30, slow=6.7, SNR=6.8							
NVAR	Minna Array Bea	79.51	52	P	P	11 30 29.5	+0.3
FFC	Fin Flon	79.52	32	P	P	11 30 29.1	+0.4
NC405	NORSAR Array S	79.54	337	P	P	11 30 28.2	-0.5
NFS	Hagfors	79.59	336	P	P	11 30 27.1	-1.8
comp=Z, 1.9nm, 0.7s, baz=89, slow=6.3, SNR=7.2							
NC204	NORSAR Array S	79.73	338	P	P	11 30 29.9	+0.1
NB2	NORSAR Subarra	79.76	337	P	P	11 30 29.1	-0.9
comp=Z, 1.0nm, 0.7s, baz=83, slow=5.5							
NOA	NORSAR Array B	79.76	337	P	P	11 30 27.9	-2.0
comp=Z, 1.0nm, 0.7s, baz=43, slow=5.4, SNR=7.8							
BOZ	Bozeman (W)	79.91	43	P	P	11 30 32.6	+1.4
FURC	Furnace Creek,	81.50	53	I	I	11 30 42.4	
comp=Z, 6.3nm, 1.0s							
TPNV	Topopah Spring	81.67	52	I	I	11 30 43.2	
comp=Z, 5.6nm, 0.7s							
QSM	Queen of Sheba	81.76	53	I	I	11 30 48.5	
comp=Z, 6.2nm, 0.9s							
GWM	Greenwater Val	81.78	53	I	I	11 30 48.6	
comp=Z, 5.4nm, 0.9s							
HWUT	Hardware Ranch	82.18	46	I	I	11 30 51.6	
comp=Z, 8.8nm, 0.8s							
BRTR	Keskin Array B	82.50	312	P	P	11 30 44.2	-0.8
comp=Z, 1.0nm, 0.8s, baz=100, slow=6.8, SNR=4.7							
TCUT	Toone Canyon	82.55	46	P	P	11 30 44.8	-0.7
TCUT				I	I	11 30 56.0	
comp=Z, 4.2nm, 1.0s							
PDAR	Pinedale Array	82.74	44	P	P	11 30 47.2	+0.8
comp=Z, 0.8m, 0.7s, baz=306, slow=4.0, SNR=7.0							
PDAR	Pinedale Array	82.74	44	P	P	11 30 46.8	+0.4
BURAR	Bucovina Array	83.22	322	P	P	11 30 46.2	-0.3
LCMT	Little Creek M	83.66	51	I	I	11 30 53.8	
comp=Z, 1.1nm, 1.3s							
P17A	Butcher Ranch,	83.90	47	I	I	11 30 55.0	
comp=Z, 4.7nm, 1.0s							
KNB	Kanab	83.93	50	I	I	11 30 54.4	+1.8
KNB				I	I	11 30 56.2	
RDMU	Red Mountain	84.00	46	P	P	11 30 54.5	+1.5
P18A	Preston Nutter	84.13	47	I	I	11 30 57.1	
HMU	Henry Mountain	84.78	49	I	I	11 31 03.9	
comp=Z, 4.8nm, 0.8s							
O20A	White River Ci	85.08	46	I	I	11 31 00.5	
comp=Z, 3.9nm, 0.6s							
PV23	Carpenter Ridg	85.59	48	I	I	11 31 01.8	+0.7
PV16	Nyswonger Mesa	85.73	48	I	I	11 31 04.1	
comp=Z, 4.6nm, 0.7s							
PV03	Paradox Valley	85.81	48	I	I	11 31 09.2	
comp=Z, 4.3nm, 1.1s							
PV13	Radium Mtn., P	85.88	48	I	I	11 31 04.6	
comp=Z, 3.9nm, 0.7s							
PV01	Paradox Valley	86.06	48	I	I	11 31 05.4	
comp=Z, 2.8nm, 0.8s							
TPB28		92.64	51	I	I	11 31 37.3	
VHRN	Van Horn	92.86	52	I	I	11 31 38.0	
comp=Z, 2.4nm, 0.8s							
TXAR	Lajitas Array	94.65	52	P	P	11 31 45.5	+1.9
comp=Z, 2.8nm, 0.7s, baz=316, slow=4.7, SNR=47							
TXAR	Lajitas Array	94.65	52	P	P	11 31 45.6	+2.0
QSPA	South Pole Qui	120.41	180	PKP	PKP	11 37 12.4	-0.2
comp=Z, 1.0nm, 0.5s, baz=329, slow=1.0, SNR=19							
TORD	Torodi Ar, Bea	121.11	311	PKP	PKP	11 37 14.9	-0.6
comp=Z, 0.3m, 0.5s, baz=63, slow=0.9, SNR=2.8							
H03N2	Juan Fernandez	146.62	105	T	T	14 21 52.8	
baz=281, slow=75, SNR=44							
H03N3	Juan Fernandez	146.63	105	T	T	14 21 54.4	
baz=281, slow=75, SNR=47							
H03N1	Juan Fernandez	146.64	105	T	T	14 21 53.9	
baz=281, slow=75, SNR=38							
LPAZ	La Paz	150.24	68	PKP	PKP	11 38 15.9	+0.5
comp=Z, 1.2nm, 0.5s, baz=291, slow=3.4, SNR=6.1							
PLCA	Paso Flores	153.00	120	PKP	PKP	11 38 20.0	+0.5
comp=Z, 1.4nm, 1.0s, baz=220, slow=4.2, SNR=3.5							

HEL 01 11:38:23.3-0.3, 60.62N:29.08E, h0km, ML1.5, Suspected explosion
 IDC 01 11:38:24.7-3.6, 60.60N:28.99E, h0km, mbtmp2.5/1, ML2.2/1, Error ellipse: s-maj=32.8km s-min=19.8km

ISC 01 11:38:21.1-1.2, 60.57S:0.04-25E, 0.05, h0km, n21, #067/2, Baltic States-Belarus-Northwestern Russia

Code	Station Name	Δ° AZ°	Phase ID	Time	Res	
VJF	Virojoki	0.84 268	Pg	11 38 37.1	0.0	
comp=83						
VJF			smax	smax	11 38 46.9	
VJF	Ruokolahiti	0.87 350	Pb	11 38 48.3	+0.3	
RUF			smax	smax	11 38 48.6	
RUF			smax	smax	11 38 48.5	
comp=Z, 3.4nm, 0.2s						
RUF	Kouvola, Finla	1.30 286	SN	11 38 48.9	0.0	
KY15	Pornaja	1.68 271	PG	11 39 06.2	+1.6	
PVF			PG	11 38 51.7	+0.1	
comp=Z, 2.6nm, 0.2s						
PVF			smax	smax	11 39 11.0	
PVF	FINES Array S	1.78 301	PG	11 39 15.0	+0.2	
FAIO			smax	smax	11 38 53.4	+0.4
FAIO			smax	smax	11 39 13.6	
comp=Z, 2.8nm, 0.2s						
FINES	FINES Array B	1.78 301	Pg	11 38 53.8	-0.7	
comp=Z, 1.6nm, 0.3s, baz=121, slow=16, SNR=52						
FINES			Lg	Lg	11 39 16.5	
KAF	Kangasniemi	2.10 319	PG	11 38 59.4	-0.5	
KAF			smax	smax	11 39 22.9	
comp=Z, 4.0nm, 0.2s						
KAF	Nurmijarvi	2.28 270	SG	11 39 25.8	-0.8	
NUR			smax	smax	11 39 26.5	
NUR			smax	smax	11 39 28.4	
comp=Z, 2.1nm, 0.2s						
MEF	Metsahovi	2.44 264	PG	11 39 05.5	-0.2	
MEF			smax	smax	11 39 33.0	
comp=Z, 1.9nm, 0.2s						
MES	Meysu		SG	11 39 36.0	-0.2	
VSU	Wasula	2.48 212	SG	11 39 39.6	-0.8	
JOE	Joensuu	2.55 22	PG	11 39 08.0	+0.4	
JOE			SG	11 39 39.6	+0.2	
SUF	Suinainen	2.61 327	PG	11 39 08.9	+0.2	
SUF			smax	smax	11 39 37.9	
SUF			smax	smax	11 39 41.1	
KEF	Keuruu	2.65 309	smax	11 39 38.5		
comp=Z, 1.0nm, 0.2s						
KEF	Nilsia	2.91 347	SG	11 39 41.0	-1.3	
NIF			Sb	11 39 47.0		
comp=Z, 1.5nm, 0.2s						

NIF	Rumkavaara	3.67	5	SB	Sb	11 39 49.4	-0.4
RMF	Oulukolla	4.64	327	SG	Sb	11 40 10.6	-1.2
OBFB	Slitere, Latvi	4.65	234	SB	Sb	11 40 40.1	+0.7
SLIT	Vesvydzial	5.29	214	eP	Sb	11 40 40.6	+0.9
SVSD	Paberze	5.80	211	eP	Pn	11 39 42.4	-0.3
PTGO	NORSAR Array B	8.83	281	Pn	Pn	11 40 29.5	-0.3
NOA							
baz=84, slow=13, SNR=2.8							
comp=Z, 0.1nm, 0.3s							
I37NO	I37NO	9.65	337	I	I	12 36 10.0	
baz=151, slow=318, SNR=4.1							

MDD 01 11:38:28.9-1.3, 36.44N: 11.28W, h37km, 4.3km, mb_Lg2.9E, Error ellipse: s-maj=18.9km s-min=8.7km az=55.0

IGIL 01 11:38:28.8, 36.48N: 11.21W, h24km, ML2.0
 INMG 01 11:38:30.5-1.2, 36.47N: 11.24W, h36km, ML2.2, Error ellipse: s-maj=5.7km s-min=3.6km az=91.0
 #DIST RANGE: REGION: #PMA REGION: GORR

CNRM 01 11:38:36.3, 35.87N: 10.68W, h2km, ML3.1
 ISC 01 11:38:26.4-2.0, 36.40N: 0.05-11.3W, 0.1, h35km, n47, #205/82, 1D, Azores-Cape St. Vincent Ridge

Code	Station Name	Δ° AZ°	Phase ID	Time	Res		
PFVI	Vila Bisbo	2.09 69	Op	11 39 08.4	+1.9		
MORF			Op	11 39 23.3	-0.5		
PFVI	Vila Bisbo	2.09 69j	eP	11 39 23.1	+0.7		
PFVI			SN	11 39 23.1	-0.7		
PFVI			SN	11 39 24.4			
PFVI			IAML	11 39 24.6			
PFVI			IAML	11 39 26.8			
MORF	Marnelete	2.28 66	eS	11 39 27.2	-1.0		
MORF			eS	11 39 27.2	-1.4		
MORF			IAML	11 39 30.2			
comp=N, 16nm, 0.2s							
MORF	Marnelete	2.28 66	eP	11 39 03.7	+2.1		
MORF			eP	11 39 28.4	-0.2		
MORF			IAML	11 39 34.9			
MORF			IAML	11 39 35.3			
PTEO	Sao Teotonio	2.34 60	eP	11 39 04.8	+2.5		
PTEO			eS	11 39 29.6	-0.2		
PTEO			SN	11 39 32.0			
PTEO			IAML	11 39 31.0			
PTEO			IAML	11 39 36.8			
PBDV	Barranco-do-Ve	2.81 72	SN	11 39 41.2	-0.3		
PBDV	Barranco-do-Ve	2.81 72	eP	11 39 11.2	+2.4		
PBDV			eS	11 39 41.2	-0.3		
MESJ	Messejana	2.83 59	S	11 39 40.1	+1.9		
MESJ			IAML	11 39 43.8			
comp=E, 3.0nm, 0.1s							
MESJ	Messejana	2.83 59	eP	11 39 11.2	+2.1		
MESJ			eS	11 39 41.5	-0.4		
MESJ			IAML	11 39 49.9			
MESJ			IAML	11 39 50.0			
PCVE	Castro Verde	2.86 64	Pn	11 39 11.9	+2.3		
PCVE			SN	11 39 42.4	-0.4		
PCVE	Castro Verde	2.86 64	eP	11 39 11.8	+2.3		
PCVE			eS	11 39 42.0	0.0		
PCVE			IAML	11 39 45.1			
PCVE			IAML	11 39 45.4			
PCVE			IAML	11 39 48.4			
PMAFR	Mafrá	3.00 31	Pn	11 39 12.8	+1.2		
PMAFR			SN	11 39 46.0	-0.2		
PMAFR	Mafrá	3.00 31	eS	11 39 12.9	+1.4		
PMAFR			SN	11 39 45.2	-0.9		
PMAFR			IAML	11 39 45.8			
PMAFR			IAML	11 39 45.8			
MOE	Montemor	3.14 47	eP	11 39 42.0	+1.7		
MOE			eS	11 39 48.3	-1.4		
MOE			IAML	11 39 50.6			
MOE			IAML	11 39 51.8			
MOE			IAML	11 39 52.1			
MOE			IAML	11 39 58.1			
MOE			IAML	11 39 58.1			
BEJA	Beja	3.16 58	eP	11 39 49.8	-0.4		
EGRO	Ei Granado	3.24 68	Pn	11 39 16.9	+2.2		
EGRO			SN	11 39 52.0	0.0		
EGRO	Ei Granado	3.24 68	Pn	11 39 16.5	+1.8		
EGRO			SN	11 39 51.8	-0.3		
EGRO			I/Vmb_Lg	11 39 57.3			
EVORA	Evora	3.35 50	SN	11 39 40.0	-0.3		
EVO	Evora	3.35 50	SN	11 39 54.6	-0.3		
EVO			IAML	11 39 57.0			
EVO			IAML	11 39 57.5			
EVO			IAML	11 39 57.6			
PARRA	Arraiolos	3.52 46	eP	11 39 20.0	+1.4		
PARRA			SN	11 40 00.9	-1.0		
PARRA			SN	11 40 00.9			
PARRA			IAML	11 40 01.1			
PARRA			IAML	11 40 03.2			
PMTG	Montargil	3.59 41	eP	11 39 20.8	+1.2		
PMTG			eS	11 39 59.9	-0.9		
PMTG			IAML	1			

DALK Dalny	3.17 231	eP	Pn	12 37 19.5 +0.7	baz=282	E18K Tukpahleark C	21.08 40	Iamb	P	12 41 14.7 +1.7	comp=Z,43nm,1.4s	KDAK Kodiak Island	24.45 65	P	P	12 41 47.2 -0.3
DALK DNL		eS	Sn	12 37 56.8 +0.4		E18K			Iamb	12 41 15.2		E22K Anaktuvok Pass	24.50 40	P	P	12 41 47.8 -0.1
Ganally Ganally	3.19 246	PN	Pn	12 37 20.2 +1.0		E18K	21.08 40	P	P	12 41 14.1 +1.1	comp=Z,260,SNR=20	HOM Homer	24.57 61	P	P	12 41 48.2 -0.1
PET PET	3.22 232	eP	Pn	12 37 20.3 +1.0		L17K Donlin	21.16 55	P	P	12 41 14.7 +0.9	baz=279	CAPN Captain Cook N	24.65 58	P	P	12 41 49.2 -0.1
PET PET		eS	Sn	12 37 19.8 +0.2		F18K Selawik	21.21 42	P	P	12 41 15.6 +1.3		L22K Petersburg	24.66 54	Iamb	Iamb	12 41 49.8
PET PET		eS	Sn	12 37 19.8 +0.2		C18K Utukok River	21.29 36	P	P	12 41 16.5 +1.2		L22K Petersburg	24.66 54	Iamb	Iamb	12 41 49.8
PET PET	comp=Z,511nm,0.5s	pmax	pmax	12 37 57.4 -0.3		O16K Kokwok River B	21.33 62	P	P	12 41 16.5 +0.8		TRF T Thorfare Moun	24.83 51	P	P	12 41 50.0 -0.3
PET PET	comp=N,1um,0.6s	smax	smax			CHNA Chernabura Isl	21.40 75	P	P	12 41 17.1 +0.5		CUT Chulitna	24.90 54	P	P	12 41 52.0 +0.5
PET PET	comp=E,2um,0.7s	MLR	MLR			H18K Honhosa River	21.42 46	P	P	12 41 17.6 +0.9		G23K Bananza Creek	25.01 44	P	P	12 41 52.7 +0.1
PET PET	comp=Z,200nm,11.0s	MLR	MLR			G18K Taggawik	21.44 44	P	P	12 41 17.9 +1.0		M22K Willow	25.03 55	P	P	12 41 52.9 +0.2
PET PET	comp=Z,400nm,13.0s	MLR	MLR			M17K Holitna River	21.56 57	P	Iamb	12 41 20.0 +1.8		D23K Nanushuk River	25.05 38	P	P	12 41 53.0 +0.1
KRMR Karmyshinskiy	3.58 233	PN	Pn	12 37 26.2 +1.6		M17K			Iamb	12 41 20.0 +1.8		MJB9 Matsui-Tunnel	25.05 232	P	P	12 41 52.3 -0.9
KRMR Karmyshinskiy	3.58 233	eS	Sn	12 38 08.0 +1.3		CHGN Chignik	21.68 71	P	P	12 41 19.6 +0.2		MAJO Matsushiro	25.05 232	P	P	12 41 51.5 -1.7
PEA0B Karymshovsk	3.62 239	Pn	Pn	12 37 24.5 -0.6		N17K Nusagpak Hills	21.71 59	P	P	12 41 20.4 +0.6		MAJO Matsushiro	25.05 232	P	P	12 41 51.5 -1.7
PEA0B Karymshovsk	3.62 239	eP	Pn	12 37 24.5 -0.6		O17K Koliganek Bris	21.82 61	P	P	12 41 21.8 +0.9		MJAR Matsushiro Ar	25.05 232	P	P	12 41 51.5 -1.7
PETK Petropavlovsk	3.62 239	PN	Pn	12 37 25.6 +0.5		R16K Pileik Int	21.87 67	P	P	12 41 22.1 +0.6		I23K Minto, Yukon-K	25.21 47	P	P	12 41 51.7 -1.5
PETK	comp=Z,19nm,0.3s, baz=56,slow=18,SNR=110	Sn	Sn	12 38 08.9 +1.3		L18K Granite Mounta	21.91 55	P	P	12 41 22.6 +0.6		C23K Itkillik River	25.24 36	P	P	12 41 54.4 +0.1
PETK	comp=Z,16nm,0.3s, baz=56,slow=31,SNR=5.1	LR	LR	12 38 59.8		A19K Wainwright	21.95 32	P	P	12 41 23.3 +1.1		C23K Itkillik River	25.24 36	P	P	12 41 54.8 +0.3
PETK	comp=Z,299nm,18.3s, baz=85,slow=65	LR	LR	12 38 59.8		GCSA Galena City Sc	21.99 48	P	P	12 41 23.5 +0.8		RC01 Rabbit Creek A	25.29 57	P	P	12 41 54.9 -0.2
MTVR Mutnovka	3.80 229	PN	Pn	12 37 28.7 +1.1		F19K Shalerruck Mo	21.99 42	Iamb	Iamb	12 41 25.6		E23K Chandalar	25.30 40	P	P	12 41 54.9 -0.4
MTVR Mutnovka	3.80 229	eP	Pn	12 37 28.8 +1.1		F19K Shalerruck Mo	21.99 42	P	P	12 41 23.9 +1.1		NEA2 Nenana	25.34 49	P	P	12 41 55.0 -0.1
ASAK Asacha	3.99 229	PN	Pn	12 37 32.4 +2.1		C19K Lookout Ridge	22.00 36	P	P	12 41 23.9 +1.0		TOLK Toolik Lake Re	25.40 39	P	P	12 41 56.1 0.0
ASAK Asacha	3.99 229	eP	Pn	12 37 32.4 +2.1		TIXI Tiksi	22.02 332	LR	LR	12 51 00.3		MCK McKinley	25.42 51	P	P	12 41 56.6 +0.3
SKR Severo-Kuril's	6.00 226	ePN	Pn	12 37 31.7 +4.0		TIXI Tiksi	22.02 332	P	P	12 41 21.0 -2.0		MCK McKinley	25.42 51	P	P	12 41 56.6 +0.3
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		TIXI Tiksi	22.02 332	eP	pmax	12 41 21.7 -1.3		MCK McKinley	25.42 51	P	P	12 41 56.6 +0.3
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		O16K King Salmon	22.17 64	P	P	12 41 25.6 +0.9		MCK McKinley	25.42 51	P	P	12 41 56.6 +0.3
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		P17K Kvichak River	22.21 63	P	P	12 41 26.2 +1.1		RND Reindeer	25.48 51	Iamb	Iamb	12 41 57.2
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		D19K Kuna River	22.30 38	P	P	12 41 26.2 +0.6		PMR Palmie	25.52 56	P	P	12 41 57.4 +0.3
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		D19K Kuna River	22.30 38	P	P	12 41 28.4		SEW Seward	25.58 59	P	P	12 41 57.5 -0.2
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		D19K Kuna River	22.30 38	P	P	12 41 26.9 +0.8		WAT1 Susitna Watana	25.66 53	P	P	12 41 58.2 -0.3
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		M18K Stony River	22.33 56	P	P	12 41 27.0 +0.6		E24K Your Creek	25.73 41	P	P	12 41 58.9 -0.1
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		N18K Kilae Creek	22.34 59	P	P	12 41 26.9 +0.3		D24K Happy Valley	25.74 38	P	P	12 41 59.6 +0.5
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		J19K Poorman	22.46 50	Iamb	Iamb	12 41 30.0		H24K Noodor Dome	25.84 46	P	P	12 41 59.9 -0.2
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		J19K Poorman	22.46 50	P	P	12 41 28.0 +0.1		COLA College	25.85 48	P	Iamb	12 42 00.6 +0.5
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		R17L Mt. Peulik Vol	22.50 67	P	P	12 41 28.1 -0.2		COLA College	25.85 48	eP	pmax	12 41 59.6 -0.5
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		Q17K Contact Creek	22.64 65	P	P	12 41 29.4 -0.4		COLA College	25.85 48	eP	pmax	12 41 59.6 -0.5
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		O18K Kokuh Hills	22.76 61	P	P	12 41 30.6 -0.4		COLA College	25.85 48	P	P	12 41 59.8 -0.3
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		L19K White Mountain	22.77 55	Iamb	Iamb	12 41 34.2		KNK Knik Glacier	25.86 56	P	P	12 42 00.4 +0.1
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		L19K White Mountain	22.77 55	P	P	12 41 30.9 -0.3		SML Sawmill	25.87 55	P	P	12 41 59.9 -0.5
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		P18K Big Mountain,	22.80 62	P	P	12 41 31.0 -0.5		C24K Franklin Bluff	25.87 37	P	P	12 42 00.4 +0.2
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		F20K Avaraat Lake	22.83 42	P	P	12 41 31.6 -0.1		CCB Clear Creek Bu	25.88 48	Iamb	Iamb	12 42 03.2
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		D20K Etluvik River	22.90 38	P	P	12 41 32.7 +0.3		F24K Squaw Lake	25.90 42	P	P	12 42 00.6 -0.1
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		I20K Naaghedeneel	23.02 48	P	P	12 41 34.6 +1.0		F24K Squaw Lake	25.90 42	P	P	12 42 00.4 -0.3
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		N19K Bonanza Creek	23.02 58	P	P	12 41 34.5 +0.6		G24K Hadweencz Riv	26.02 44	P	P	12 42 02.4 +0.7
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		Q16K Katmai Hardscr	23.02 64	P	P	12 41 34.3 +0.4		G24K Hadweencz Riv	26.02 44	P	P	12 42 02.0 +0.3
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		B20K Meade River	23.11 34	P	P	12 41 35.0 +0.5		POKR Poker Plat Res	26.02 47	P	P	12 42 01.4 -0.3
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		J20K Nowinta River	23.12 50	Iamb	Iamb	12 41 37.2		WAT6 Susitna Watana	26.05 53	P	P	12 42 01.7 -0.5
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		J20K Nowinta River	23.12 50	P	P	12 41 34.7 -0.1		M23K Glacier View	26.16 55	P	P	12 42 02.9 -0.1
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		K20K Telida	23.13 52	Iamb	Iamb	12 41 37.3		DHY Denali Highway	26.17 52	Iamb	Iamb	12 42 10.2
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		K20K Telida	23.13 52	P	P	12 41 35.2 +0.3		DHY Denali Highway	26.17 52	P	P	12 42 02.8 -0.5
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		O19K Port Aisworth	23.16 60	P	P	12 41 35.3 +0.1		HDA Harding Lake	26.26 49	Iamb	Iamb	12 42 21.8
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		CHIR Chirikof Islan	23.31 71	P	P	12 41 36.7 0.0		HDA Harding Lake	26.26 49	P	P	12 42 03.6 -0.2
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		M20K Styx River	23.59 55	P	P	12 41 39.2 -0.4		IL31 Ilk31	26.27 48	Iamb	Iamb	12 42 03.8 -0.1
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		G21K Alakaket	23.61 44	P	Iamb	12 41 40.5 +1.0		IL31 Ilk31	26.27 48	Iamb	Iamb	12 42 04.4
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		G21K Alakaket	23.61 44	P	Iamb	12 41 42.1		ILAR Eielson Array	26.27 48	P	P	12 42 03.4 -0.5
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		G21K Alakaket	23.61 44	P	P	12 41 39.7 +0.1		ILAR Eielson Array	26.27 48	P	P	12 42 03.8 -0.2
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		C21K Knifeblade Rid	23.65 37	P	P	12 41 40.1 +0.1		SCM Sheep Creek Mo	26.34 55	P	P	12 42 04.0 -0.6
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		Q19K Cape Douglas,	23.68 63	P	P	12 41 40.2 -0.2		G25K Bearman Lake	26.57 44	P	P	12 42 06.6 0.0
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		F21K Alatna River	23.72 42	Iamb	Iamb	12 41 42.1		INU Inuyama	26.58 233	P	P	12 42 06.1 -0.9
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		F21K Alatna River	23.72 42	P	P	12 41 40.5 -0.2		INU Inuyama	26.58 233	P	P	12 42 39.8
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		E21K Killik River	23.77 39	Iamb	Iamb	12 41 41.8		GLI Glacier Island	26.60 57	P	P	12 42 07.2 +0.2
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		E21K Killik River	23.77 39	P	P	12 41 41.2 +0.1		P23K Montague Islan	26.61 59	P	P	12 42 06.7 -0.4
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		ILSW Iliamna Southw	23.77 60	Iamb	Iamb	12 41 43.8		D25K Kavik River	26.63 38	Iamb	Iamb	12 42 23.4
SHEM Shemya Is, Ala	7.05 105	Pn	Pn	12 38 13.8 +1.7		P19K Oil Pt	23.77 61	P								

1d 13h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like G27K Doyon Strip, H27K Steamboat Moun, K27K Chicken, etc.

2020 JUN

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like JOW Kunigami, YKA Yellowknife Ar, YKA Yellowknife Ar, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like ANN Sukko, SUKR Sukko, SUKR Shapsug, etc.

IDC 01 12:39:38.2, 7.09S, 129.28E, h106km, 37km, mb3.3/2, mbmp3.5/6, Error ellipse: s-maj=64.9km s-min=16.5km az=95.0

ISC 01 12:39:38.1, 0.7, 19S, 0.08, 129.3E, 0.2, h100km, m6, e=238/8, Banda Sea

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

CFUSG 01 13:25:13.8, 45.25N, 37.70E, h9km, MSH3.3/3, IDC 01 13:25:14.3, 0.7, 44.89N, 37.54E, h0km, mb3.5/8, mbmp3.5/14, ML3.3/6, MS3.7/1, Error ellipse: s-maj=11.4km s-min=7.8km az=14.0

MOS 01 13:25:16.0, 45.011N, 37.64E, h15km, MPVA4.4, ISC 01 13:25:15.4, 0.8, 45.09N, 0.03, 37.60E, 0.02, h11km, 6km, n93, e=203/160, mb3.46, 7C-3D, Ukraine-Moldova-Southwestern Russia region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, and other parameters. Includes stations like GLDR Gladkovskiy, ANN Anapa, ANN Anapa, etc.

DNZZ Donuzlav2, comp=N, 156nm, 1.0s, S, Sg, 13 26 50.1 +1.7

DNZZ Donuzlav2, 3.11 277 ePn, Pn, 13 26 08.2 -2.4

DNZZ Donuzlav2, 3.11 277 ePn, Pn, 13 26 43.0 +1.6

NVNR Nevinomyssk, 3.14 97 iP, Pn, 13 26 06.7 +1.9

NVNR Nevinomyssk, 3.14 97 iPn, Pn, 13 26 06.7 +1.9

TARU Tarkhankut, 3.59 276 eS, Pn, 13 26 41.9 -0.4

TARU Tarkhankut, 3.59 276 eS, Pn, 13 26 39.2 +2.5

KIV Kislovodsk, 3.81 106 ePn, Pn, 13 26 15.6 +1.5

1d 13h

NR1K	Noril'sk	22.13	307ceP	P	pmax	13 32 37.9	+1.1
NR1K	comp-Z,17nm,1.3s						
NR1K	comp-Z,284nm,11.0s		MLR	MLR			
E19K	Redstone River	22.25	59	I	Iamb	13 32 38.6	+0.4
E19K	comp-Z,20nm,0.8s						
E19K	Redstone River	22.25	59	P	P	13 32 37.6	-0.5
H17K	Granite Mounta	22.26	66	P	P	13 32 39.5	+1.2
H17K	comp-Z,36nm,1.3s						
H17K	Granite Mounta	22.26	66	P	P	13 32 37.2	-1.0
G18K	Tagawik	22.33	63	I	Iamb	13 32 57.3	
G18K	comp-Z,34nm,1.3s						
G18K	Tagawik	22.33	63	P	P	13 32 38.2	-0.8
E20K	Nigu River	22.34	56	P	P	13 32 38.2	-0.9
H17K	Unalakleet	22.42	69	I	Iamb	13 32 40.9	+0.9
H17K	comp-Z,16nm,0.9s						
H17K	Unalakleet	22.42	69	P	P	13 32 38.7	-1.3
B21K	Ikpikpuk River	22.43	52	I	Iamb	13 32 48.2	
B21K	comp-Z,1.1s						
B21K	Ikpikpuk River	22.43	52	P	P	13 32 39.4	-0.6
USRK	Ussuriysk Ar.	22.44	207	P	P	13 32 41.6	+1.3
USRK	comp-Z,8.4nm,0.7s,baz=16,slow=10,SNR=12						
C21K	Knifblade Rid	22.52	53	P	P	13 32 40.0	-1.0
MDJ	Mudanjiang	22.54	212	P	pmax	13 32 43.2	+1.9
MDJ	comp-Z,17nm,1.6s						
B22K	Teshpek Lake	22.61	50	I	Iamb	13 33 00.9	
B22K	comp-Z,35nm,1.1s						
B22K	Teshpek Lake	22.61	50	P	P	13 32 41.3	-0.6
J16K	Anvik River	22.75	70	P	P	13 32 42.7	-0.7
H19K	Honhosa River	22.75	65	P	P	13 32 42.8	-0.7
G18K	Purcell Mounta	22.81	62	I	Iamb	13 33 06.6	
G19K	Purcell Mounta	22.81	62	P	P	13 32 43.1	-1.0
K15K	Wolf Creek Mou	22.87	73	P	P	13 32 43.5	-1.2
L14K	Kuka Creek	22.90	76	P	P	13 32 43.8	-1.2
F20K	Avaraat Lake	22.95	59	P	Iamb	13 32 45.1	-0.4
F20K	comp-Z,26nm,1.1s						
F20K	Avaraat Lake	22.95	59	P	P	13 32 44.5	-1.0
E21K	Kiilik River	23.04	55	P	P	13 32 45.2	-1.3
M13K	Dall Lake	23.13	78	P	P	13 32 46.2	-1.2
L15K	Ungalik Mounta	23.20	74	P	P	13 32 46.6	-1.6
J17K	VABM Dome	23.29	69	P	P	13 32 47.7	-1.4
H19K	Roundabout Mou	23.31	63	I	Iamb	13 33 14.3	
H19K	comp-Z,39nm,1.4s						
H19K	Roundabout Mou	23.31	63	P	P	13 32 47.9	-1.3
M14K	Bethel	23.51	76	P	P	13 32 50.0	-1.3
C23K	Ikilik River	23.68	51	I	Iamb	13 33 04.1	
C23K	comp-Z,23nm,1.0s						
C23K	Ikilik River	23.68	51	P	P	13 32 51.9	-0.9
F21K	Alatina River	23.68	58	I	Iamb	13 33 12.4	
F21K	comp-Z,33nm,1.3s						
F21K	Alatina River	23.68	58	P	P	13 32 51.8	-1.1
E22K	Anaktuvuk Pass	23.90	55	I	Iamb	13 33 21.2	
E22K	comp-Z,20nm,1.1s						
E22K	Anaktuvuk Pass	23.90	55	P	P	13 32 54.2	-0.9
H20K	Antoleneega Mo	23.92	62	P	P	13 32 54.3	-0.9
K17K	Iditarod	23.94	70	I	Iamb	13 33 32.2	
K17K	comp-Z,23nm,1.2s						
K17K	Iditarod	23.94	70	P	P	13 32 54.5	-0.9
D23K	Nanushuk River	23.97	53	P	P	13 32 54.9	-0.7
G21K	Allakaket	23.97	59	I	Iamb	13 33 09.1	
G21K	comp-Z,15nm,0.8s						
G21K	Allakaket	23.97	59	P	P	13 32 54.2	-1.5
L16K	Ohwat River	24.00	73	P	P	13 32 55.1	-0.8
F22K	John River	24.03	56	P	P	13 32 54.7	-1.5
M15K	Kasigluk River	24.07	76	P	P	13 32 55.1	-1.4
N14K	Kuskokwak Cree	24.09	78	P	P	13 32 55.5	-1.3
L17K	Donlin	24.25	71	P	P	13 32 57.0	-1.2
C24K	Franklin Bluff	24.34	50	P	P	13 32 57.5	-1.6
J19K	Poorman	24.34	66	P	P	13 32 58.1	-1.0
I20K	Naaghedeneel	24.39	63	P	P	13 32 57.9	-1.6
TOLK	Toolik Lake Re	24.47	53	P	P	13 32 59.0	-1.3
G22K	Bettles	24.51	58	P	P	13 32 59.5	-1.2
D24K	Happy Valley	24.52	52	P	P	13 32 59.6	-1.0
M16K	Timber Creek	24.59	74	P	P	13 33 00.2	-1.1
N15K	Kwethluk River	24.61	76	P	P	13 33 00.1	-1.5
H21K	Melozitna River	24.61	61	P	P	13 33 00.6	-1.0
IRK	Irkutsk	24.65	258	eP	pmax	13 33 02.5	+0.5
IRK	comp-Z,34nm,0.9s						
O14K	Tiguykaiuvet M	24.66	79	P	P	13 33 00.3	-1.7
E23K	Chandalar	24.69	54	I	Iamb	13 33 03.0	+0.6
E23K	comp-Z,16nm,0.8s						
E23K	Chandalar	24.69	54	P	P	13 33 00.5	-1.8
J20K	Novinta River	24.82	65	P	P	13 33 01.4	-2.0
L18K	Granite Mounta	24.84	70	P	P	13 33 01.3	-2.4
N16K	Nishlik Lake	24.97	75	P	P	13 33 02.5	-2.4
M17K	Holitna River	24.99	72	P	P	13 33 03.4	-1.6
H22K	Ishtaitina Cre	25.02	60	P	P	13 33 03.7	-1.5
E24K	Your Creek	25.07	54	P	Iamb	13 33 06.0	+0.3
E24K	comp-Z,8.9nm,0.8s						
E24K	Your Creek	25.07	54	P	P	13 33 05.2	-0.5
G23K	Bananza Creek	25.13	57	I	Iamb	13 33 33.0	
G23K	comp-Z,18nm,1.1s						
G23K	Bananza Creek	25.13	57	P	P	13 33 04.7	-1.5
I21K	Tanana	25.14	61	P	P	13 33 04.6	-1.7
D25K	Kavik River	25.25	50	P	P	13 33 08.3	+0.9
D25K	comp-Z,29s						
D25K	Kavik River	25.25	50	P	P	13 33 06.3	-1.1
O15K	Ungalikthiuk R	25.30	78	P	P	13 33 05.9	-1.9
TLY	Talaya	25.33	258	eP	pmax	13 33 11.1	+2.9
TLY	comp-Z,5.0nm,1.0s						
TLY	Talaya	25.33	258	P	pmax	13 33 11.1	+2.9
C26K	Camden Bay	25.48	49	P	P	13 33 07.4	-1.9

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F24K	Squaw Lake	25.52	55	P	P	13 33 07.4	-2.4
M18K	Stony River	25.58	71	P	P	13 33 08.0	-2.4
N17K	Nushagak Hills	25.58	74	P	P	13 33 08.2	-2.1
L19K	White Mountain	25.58	69	P	P	13 33 08.0	-2.4
MLY	Manley	25.67	61	P	P	13 33 08.4	-2.8
H23K	Yukon River	25.72	59	P	P	13 33 09.2	-2.4
O16K	Kokwok River B	25.76	76	P	P	13 33 09.7	-2.3
C27K	Jago River	25.98	49	P	P	13 33 11.7	-2.2
N18K	Kilae Creek	26.02	73	P	P	13 33 12.0	-2.3
E25K	Arctic Village	26.03	53	I	Iamb	13 33 35.0	
E25K	comp-Z,15nm,0.8s						
E25K	Arctic Village	26.03	53	P	P	13 33 12.1	-2.4
G24K	Hadweencic Riv	26.04	56	I	Iamb	13 33 22.7	
G24K	comp-Z,11nm,0.9s						
G24K	Hadweencic Riv	26.04	56	P	P	13 33 12.2	-2.2
O17K	Koliganek Riv	26.06	75	P	P	13 33 12.4	-2.3
I23K	Minto, Yukon-K	26.12	60	P	P	13 33 13.0	-2.2
PPLA	Purkeypile	26.23	66	P	P	13 33 13.5	-2.9
F25K	Christian River	26.25	54	I	Iamb	13 33 46.4	
F25K	comp-Z,8.7nm,0.8s						
F25K	Christian River	26.25	54	P	P	13 33 14.0	-2.4
H24K	Noodor Dome	26.31	58	P	P	13 33 14.1	-2.9
KTH	Kantishna Hill	26.36	64	I	Iamb	13 33 50.3	
M20K	Styx River	26.43	69	P	P	13 33 15.4	-2.7
MOY	Mondy	26.44	261	eP	pmax	13 33 20.0	+1.7
MOY	comp-Z,16nm,1.3s						
ZAK	Zakamensk	26.46	257	eP	pmax	13 33 21.0	+2.4
ZAK	comp-Z,6.0nm,1.4s						
G25K	Bearman Lake	26.48	56	P	P	13 33 15.8	-2.7
N19K	Bonanza Creek	26.50	71	P	P	13 33 16.3	-2.5
FALS	False Pass	26.59	89	P	P	13 33 16.7	-2.7
P17K	Kvikak River	26.68	76	P	P	13 33 17.6	-2.6
F26K	Sheenjek River	26.71	53	P	P	13 33 18.0	-2.5
O18K	Koktuk Hills	26.78	74	P	P	13 33 18.4	-2.8
COLA	College	26.81	60	P	Iamb	13 33 21.7	+0.3
COLA	comp-Z,11nm,0.7s						
COLA	College	26.81	60	eP	pmax	13 33 21.2	-0.2
COLA	comp-Z,5.0nm,0.8s						
COLA	College	26.81	60	P	P	13 33 18.8	-2.6
POKR	Poker Plat Res	26.84	59	P	P	13 33 18.7	-3.0
Q16K	King Salmon	26.91	77	P	P	13 33 19.0	-3.3
O19K	Port Alsworth	26.93	72	P	P	13 33 19.4	-3.2
ULN	Ulaanbatar	26.94	249	P	P	13 33 22.3	-0.6
ULN	comp-Z,5.0nm,1.0s						
ULN	Ulaanbatar	26.94	249	eP	pmax	13 33 26.4	+3.5
CCB	Clear Creek Bu	26.95	60	I	Iamb	13 34 09.7	
L22K	Petersville	26.98	66	P	P	13 33 19.8	-3.3
D27K	Malcolm River	27.02	49	P	P	13 33 20.1	-3.2
P18K	Big Mountain,	27.05	74	P	P	13 33 20.4	-3.3
SPCR	Spurr Chakacha	27.18	69	P	P	13 33 21.1	-3.8
G26K	Porcupine Rive	27.19	54	P	P	13 33 21.7	-3.1
ILAR	Eielson Array	27.22	60	P	P	13 33 24.4	-0.7
ILAR	comp-Z,3.3nm,0.8s,baz=297,slow=7.9,SNR=36						
ILAR	Eielson Array	27.22	60	P	P	13 33 25.0	-0.1
ILAR	comp-Z,3.3nm,0.8s						
ILAR	Eielson Array	27.22	60	P	P	13 33 26.7	+1.3
SONM	Songino Array	27.22	250	P	P	13 33 26.7	+1.3

1d 14h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR, WRA, LPIG, PMG, SUR, TXAR, PFO, ANMO, BATI, NVAR, TSUM, MDAT, PMPR, ILAR, SONM.

MAN 01 14:47:12.0, 18.08N, 120.60E, h38km, MS2.8, Luzon. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

IDC 01 14:48:11.7-1.8, 12.54N-125.95E, h0km, mb3.8/6, mbtmp3.8/6, MS2.7/7, Error ellipse: s-maj=75.6km s-min=19.5km az=62.0

MAN 01 14:48:15.0, 12.50N-125.82E, h1km, MS2.9. NEIC 01 14:48:18.6, 1.4, 12.4N-125.61E, 0.06, h35km, 2km, mb4.1/1.9, Error ellipse: s-maj=19.5km s-min=9.9km

ISC 01 14:48:17.5-0.7, 12.51N-125.86E, 0.06, h32km, n139, C14:48:17.5-0.7, 12.51N-125.86E, 0.06, h32km, n139. Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PLP, MIMP, LLP, RCP, TRB, BIPB, DAV, JNU, JCJ, ENH, JHJ, KRSR, JGF, MJAR, CMAR, FITZ, PATS, WBO, WRA.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ENH, JHJ, KRSR, JGF, MJAR, CMAR, FITZ, PATS, WBO, WRA.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WRA, ASAR, ASAR, KLR, ULN, SONM, BBOO, MKAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR, ASAR, KLR, ULN, SONM, BBOO, MKAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR, ASAR, KLR, ULN, SONM, BBOO, MKAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR, ASAR, KLR, ULN, SONM, BBOO, MKAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR, ASAR, KLR, ULN, SONM, BBOO, MKAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR, ASAR, KLR, ULN, SONM, BBOO, MKAR.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR, ASAR, KLR, ULN, SONM, BBOO, MKAR.

2020 JUN

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

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

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

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

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

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

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

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PETK, MKAR, MKAR, ZALV.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MKAR, ZALV, KURBB, KURBB, KURK, KURK, NRIK, NRIK, L16K, L16K.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OPO, D20K, KDAD, AKBAR, L16K, L16K, OPO, D20K, KDAD, AKBAR, L16K, L16K.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OPO, D20K, KDAD, AKBAR, L16K, L16K, OPO, D20K, KDAD, AKBAR, L16K, L16K.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OPO, D20K, KDAD, AKBAR, L16K, L16K, OPO, D20K, KDAD, AKBAR, L16K, L16K.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OPO, D20K, KDAD, AKBAR, L16K, L16K, OPO, D20K, KDAD, AKBAR, L16K, L16K.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OPO, D20K, KDAD, AKBAR, L16K, L16K, OPO, D20K, KDAD, AKBAR, L16K, L16K.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OPO, D20K, KDAD, AKBAR, L16K, L16K, OPO, D20K, KDAD, AKBAR, L16K, L16K.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OPO, D20K, KDAD, AKBAR, L16K, L16K, OPO, D20K, KDAD, AKBAR, L16K, L16K.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OPO, D20K, KDAD, AKBAR, L16K, L16K, OPO, D20K, KDAD, AKBAR, L16K, L16K.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OPO, D20K, KDAD, AKBAR, L16K, L16K, OPO, D20K, KDAD, AKBAR, L16K, L16K.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OPO, D20K, KDAD, AKBAR, L16K, L16K, OPO, D20K, KDAD, AKBAR, L16K, L16K.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OPO, D20K, KDAD, AKBAR, L16K, L16K, OPO, D20K, KDAD, AKBAR, L16K, L16K.

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OPO, D20K, KDAD, AKBAR, L16K, L16K, OPO, D20K, KDAD, AKBAR, L16K, L16K.

NEIC 01 14:59:01.9, 1.7, 22.02N-106.108E, 19W, 0.09, h10km, 1km, mb4.1/1.22, Error ellipse: s-maj=15.4km s-min=5.7km az=57.0

MEX 01 14:59:01.9, 0.3, 22.42N-108.12W, h9km, 8km, MD4.3. IDC 01 14:59:02.7, 2.2, 22.77N-109.04W, h0km, mb3.6/4, mbtmp3.9/12, ML3.9/5, MS3.7/25, Error ellipse: s-maj=38.8km s-min=28.6km az=165.0

ISC 01 14:59:04.1-0.7, 22.39N-106.107E, h0.06, h10km, n133, e2920/69, mb4.1/15, MS3.8/19, Off coast of central Mexico

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MAIG, MAIG, SIERRA, SANALONA, LAPAZ, LPIG, LPIG.

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

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

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

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

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

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

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

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

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

1d 16h

Table with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residual. Includes stations like WRA, ASAR, ILAR, CMAR.

BGR 01 16:00:32.1, 49.73N; 152.87E, h33km, mb5.4
KRSC 01 16:00:37.6, 1.3, 48.73N; 153.07E, h188km, 20km, M15.4
MOS 01 16:00:38.9, 0.9, 48.83N; 153.43E, h172km, mb5.0/68,
SKHL 01 16:00:39.6, 0.1, 48.80N; 153.70E, h154km, 2km, mb5.4/3,
NEIC 01 16:00:40.0, 2.1, 48.86N; 153.43E, 0.1, h164km, 4km,
IDC 01 16:00:40.3, 0.6, 48.86N; 153.37E, h170km, 4km, mb4.6/38,
JMA 01 16:00:43.0, 0.8, 47.7N; 154.4E, h2km, MV4.8/16,
GCMT 01 16:00:42.2, 0.2, 48.67N; 153.76E, 0.02,
ISC 01 16:00:39.6, 0.3, 48.75N; 153.51E, 0.03, h170km, 2km,

Main table of station data with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residual. Includes stations like Severo-Kuril's, MIPR, KDR, ASAK, etc.

2020 JUN

Main table of station data with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residual. Includes stations like PET, DALK, DAINY, etc.

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Main table of station data with columns: Code, Station Name, Azimuth, Altitude, Phase ID, Time, Residual. Includes stations like JCH, KBT, JAB, etc.

JTU	comp=Z,514nm,0.9s	22.82 240	P	P	16 05 29.7 +1.9
JNU	Tsushima	202 236	P	P	16 05 31.3 +1.6
JNU	Nakatsue	23.02 234	P	P	16 05 30.5 +0.8
JSU	Nakuzuye	24.49 234	P	P	16 05 43.5 +0.4
DL2	Suzuyama	24.85 269	P	P	16 05 43.9 -2.3
DL2	Dalian		pP	pP	16 06 17.7 -1.8
DL2			sS	sS	16 09 55.7 -0.6
DL2			pmax	pmax	16 10 59.4 +2.4
DL2	comp=Z,130nm,1.2s				
BOD	comp=Z,240nm,4.5s		pmax	pmax	
BOD	Bodaibo	24.97 306	eP	pmax	16 05 45.6 -1.5
CIT	comp=Z,18nm,0.9s		eP	P	
CIT	Chita	25.46 293	eP	P	16 05 51.0 -0.6
CIT			e	P	16 06 27.4
TIXI	Tiksi	25.64 342	eP	P	16 05 51.8 -1.1
TIXI	comp=Z,6.3nm,0.3s,baz=154,slow=7.5,SNR=47		ScP	ScP	16 12 41.2 -0.5
TIXI	comp=Z,0.8nm,0.2s,baz=145,slow=3.5,SNR=3.7				
TIXI	comp=Z,6.3nm,0.3s				
TIXI	Tiksi	25.64 342	IAMB	IAMB	16 05 52.0 -0.9
TIXI					16 05 52.9
TIXI	comp=Z,35nm,1.1s				
TIXI	Tiksi	25.64 342	d/P	ScP	16 12 41.2 -0.5
TIXI			pmax	pmax	16 05 52.4 -0.5
TIXI	comp=Z,52nm,1.6s				
TIXI	Tiksi	25.64 342	eP	P	16 05 52.4 -0.5
M11K	Mekoryuk	25.66 48	P	P	16 05 54.5 +1.2
XLT	XilinHaoTe	26.11 274	eP	P	16 05 57.8 +0.2
XLT			pP	pP	16 06 34.3 -1.0
XLT			ScS	ScS	16 16 36.6 +2.8
XLT			pmax	pmax	
K13K	comp=Z,170nm,0.7s				
K13K	Kusivak Mount	26.66 45	P	P	16 06 03.3 +1.1
F14K	Arctic Creek	26.84 37	P	P	16 06 05.1 +1.3
M13K	Dall Lake	27.07 48	P	P	16 06 07.3 +1.4
J14K	Nanvaranak Lak	27.31 43	P	P	16 06 09.1 +1.1
L14K	Kuka Creek	27.50 46	P	P	16 06 11.2 +1.5
F15K	North Star Dit	27.57 37	P	P	16 06 11.3 +0.9
G15K	Niukluk	27.61 38	P	P	16 06 11.8 +1.1
M14K	Bethel	27.79 48	P	IAMB	16 06 13.1 +0.8
M14K					16 06 14.5
M14K	comp=Z,20nm,0.9s				
M14K	Bethel	27.79 48	P	P	16 06 13.4 +1.2
BJ2	Beijing	27.84 266	P	P	16 06 12.9 0.0
BJ2			pP	pP	16 07 46.1 -0.9
BJ2			sP	sP	16 06 06.9 +0.8
BJ2			S	S	16 10 40.7 -2.7
BJ2	comp=Z,14nm,1.0s				
BJ2	comp=Z,86nm,8.0s		pmax	pmax	
BJ2	comp=Z,71nm,17.4s		LR	LR	
BJ2	comp=Z,65nm,14.7s				
BJ2	comp=Z,48nm,16.3s		LR	LR	
N14K	Kuskokwak Cree	27.86 49	P	P	16 06 13.8 +1.0
O14K	Tiguykaiwet M	28.04 51	P	IAMB	16 06 15.6 +1.0
O14K			IAMB	IAMB	16 06 16.4
O14K	comp=Z,25nm,1.0s				
O14K	Tiguykaiwet M	28.04 51	P	P	16 06 15.6 +1.0
L15K	Ungalak Mounta	28.11 46	P	P	16 06 16.0 +0.9
K15K	Wolf Creek Mou	28.17 44	P	IAMB	16 06 16.4 +0.8
K15K			IAMB	IAMB	16 06 18.1
K15K	comp=Z,28nm,1.2s				
K15K	Wolf Creek Mou	28.17 44	P	P	16 06 16.4 +0.8
C16K	Lisburne Hills	28.20 31	P	P	16 06 16.4 +0.5
H16K	Elim	28.27 39	P	P	16 06 16.8 +0.3
G16K	Koyuk River	28.40 38	P	P	16 06 17.9 +0.2
M15K	Kasigluk River	28.41 48	P	P	16 06 18.8 +1.1
N15K	Kwethluk River	28.67 49	P	IAMB	16 06 20.9 +0.7
N15K			IAMB	IAMB	16 06 22.4
N15K	comp=Z,37nm,0.9s				
N15K	Kwethluk River	28.67 49	P	P	16 06 21.2 +1.0
J16K	Anvik River	28.73 42	P	P	16 06 21.5 +0.9
O15K	Ungalikthiuk R	28.78 51	P	P	16 06 22.4 +1.3
I17K	Unalakleet	28.79 41	P	P	16 06 22.1 +1.0
D17K	Noatak River	28.79 33	P	P	16 06 21.8 +0.8
C17K	DeLong Mountai	29.02 31	P	P	16 06 24.2 +1.0
E17K	Hotham Inlet	29.06 35	P	P	16 06 24.6 +1.1
L16K	Owhat River	29.07 46	P	P	16 06 24.4 +0.8
G17K	Kiwalik Mounta	29.12 38	P	P	16 06 25.3 +1.2
M16K	Timber Creek	29.27 47	P	IAMB	16 06 26.5 +1.1
M16K			IAMB	IAMB	16 06 27.6
M16K	comp=Z,28nm,0.9s				
M16K	Timber Creek	29.27 47	P	P	16 06 26.7 +1.3
H17K	Granite Mounta	29.31 39	P	P	16 06 26.6 +0.9
H17K	Granite Mounta	29.31 39	P	P	16 06 26.9 +1.2
TIA	Taian	29.32 258	P	pmax	16 06 26.8 +0.6
TIA			pmax	pmax	
TIA	comp=Z,24nm,0.9s				
N16K	Nishilik Lake	29.34 48	P	P	16 06 27.4 +1.3
JOW	Kunigami	29.36 231	LR	LR	16 18 11.0
E18K	Nushagak Hills	29.62 34	P	P	16 06 28.7 +0.3
O16K	Kokwok River B	29.67 50	P	P	16 06 29.7 +0.8
CHGN	Chignik	29.68 57	P	P	16 06 30.0 +1.1
K17K	Iditarod	29.70 44	P	P	16 06 30.0 +0.8
F18K	Selawik	29.77 36	P	P	16 06 31.0 +1.3
C18K	Utukok River	29.77 32	P	P	16 06 30.3 +0.5
H18K	Hornhosa River	30.00 39	P	P	16 06 33.1 +1.3
G18K	Tagagawik	30.01 37	P	P	16 06 33.0 +1.1
M17K	Holitna River	30.02 47	IAMB	IAMB	16 06 34.6
M17K	Holitna River	30.02 47	P	P	16 06 33.5 +1.5
N17K	Nushagak Hills	30.12 48	IAMB	IAMB	16 06 35.2
N17K	comp=Z,20nm,0.8s				
N17K	Nushagak Hills	30.12 48	P	P	16 06 34.2 +1.2
O17K	Koliganek Bris	30.17 50	P	P	16 06 34.6 +1.3
HNS	HongShan	30.21 263	pP	pmax	16 06 34.5 +0.6
HNS			pmax	pmax	
A19K	Wainwright	30.34 29	P	P	16 06 35.8 +1.1
Q16K	King Salmon	30.44 52	P	P	16 06 36.7 +1.0
C19K	Lookout Ridge	30.47 31	P	P	16 06 36.0 +0.1
HHC	Hu-ho-hao-te	30.47 271	eP	P	16 06 37.0 +0.7
HHC			pmax	pmax	
HHC	comp=Z,84nm,1.1s				
HHC	comp=Z,85nm,4.4s		pmax	pmax	
ULN	Ulaanbaatar	30.54 286	IAMB	IAMB	16 06 36.5 -0.4
ULN					16 06 38.3
ULN	comp=Z,26nm,0.8s				
ULN	Ulaanbaatar	30.54 286	d/P	P	16 06 36.4 -0.6
ULN			pmax	pmax	
ULN	comp=Z,32nm,0.9s				
ULN	Ulaanbaatar	30.54 286	P	P	16 06 36.7 -0.3
ULN	Ulaanbaatar	30.54 286	eP	P	16 06 36.5 -0.4
ULN	Ulaanbaatar	30.54 286	P	P	16 06 36.2 -0.8
F19K	Shaleruckik Mo	30.55 36	P	ScP	16 06 37.2 +0.7
R17L	Mt. Peulik Vol	30.67 54	P	P	16 06 38.8 +1.0
G19K	Purcell Mounta	30.69 37	P	P	16 06 38.5 +0.7
M18K	Stony River	30.80 46	P	P	16 06 40.2 +1.3
D19K	Kuna River	30.81 33	P	P	16 06 39.3 +0.4
H19K	Roundabout Mou	30.85 39	IAMB	IAMB	16 06 41.3
H19K	Roundabout Mou	30.85 39	P	P	16 06 40.4 +1.2
Q17K	Contact Creek	30.87 53	P	P	16 06 40.8 +1.2
NJ2	Nanjing	30.88 250	pP	pmax	16 06 41.0 +1.1
E19K	Redstone River	30.89 35	P	P	16 06 40.5 +0.9
SOMN	Songino Array	30.97 286	P	P	16 06 40.4 -0.3
SOMN	comp=Z,17nm,0.9s,baz=77,slow=8.4,SNR=81		PcP	PcP	16 09 32.9 +0.4
SOMN	comp=Z,4.2nm,0.8s,baz=112,slow=2.4,SNR=7.5		ScP	ScP	16 12 59.6 +0.6
SOMN	comp=Z,1.8nm,0.7s,baz=112,slow=2.1,SNR=9.6		LR	LR	16 19 13.7
SOMN	comp=Z,7.2nm,20.9s,baz=98,slow=36				
SOMN	Songino Array	30.97 286	IAMB	IAMB	16 06 39.9 -0.8
SOMN					16 06 42.1
SOMN	comp=Z,24nm,1.0s				
P18K	Big Mountain	31.14 51	P	P	16 09 32.9 +0.4
Q18K	Katmai Hardscr	31.30 52	P	P	16 06 42.8 +1.0
F20K	Atvartak Lake	31.38 36	P	P	16 06 44.9 +0.7
D20K	Kitlik River	31.40 32	P	P	16 06 44.7 +0.8
E20K	Nigu River	31.45 33	P	P	16 06 44.7 +0.2
H20K	Anoteneega Mo	31.49 39	P	P	16 06 45.7 +0.8
TIY	Taiyuan	31.53 265	P	pmax	16 06 47.2 +1.6
TIY					
TLY	comp=Z,160nm,1.0s				
TLY	Talaya	31.54 295	P	P	16 06 45.8 +0.3
TLY	comp=Z,15nm,0.5s,baz=86,slow=8.3,SNR=15				
TLY	Talaya	31.54 295	P	IAMB	16 06 45.4 -0.1
TLY					16 06 47.7
TLY	comp=Z,19nm,0.7s				
TLY	Talaya	31.54 295	P	P	16 06 46.0 +0.5
B20K	Meade River	31.55 30	IAMB	IAMB	16 06 45.9 +0.4
B20K	Meade River	31.55 30	IAMB	IAMB	16 06 49.5
B20K	Meade River	31.55 30	P	P	16 06 45.4 +0.2
I20K	Naagdeneeel	31.59 40	P	P	16 06 46.0 +0.3
BT02	Baotou	31.64 272	eP	P	16 06 46.9 +0.3
BT02			sP	sP	16 07 39.7 -0.7
BT02			Pn	Pn	16 07 57.2 -0.4
BT02			S	S	16 11 41.7 -1.4
BT02	comp=Z,66nm,1.2s		pmax	pmax	
BT02	comp=Z,180nm,5.3s		LR	LR	
BT02	comp=Z,460nm,14.4s		LR	LR	
BT02	comp=Z,420nm,17.6s		LR	LR	
K20K	comp=Z,400nm,19.7s				
K20K	Tell	31.67 43	P	P	16 06 46.7 +0.2
ZAK	Zakamensk	32.12 292	eP	P	16 06 50.2 -0.5
ZAK			eP	eP	16 07 30.3
ZAK			pmax	pmax	
P19K	Oil Pt	32.13 50	P	P	16 06 51.6 +1.0
C21K	Knifeblade Rid	32.14 32	P	P	16 06 51.7 +1.1
G21K	Allakaket	32.17 37	P	P	16 06 51.9 +1.1
F21K	Alatna River	32.27 36	P	P	16 06 52.7 +1.0
E21K	Tell	32.29 33	P	P	16 06 52.4 +0.6
B21K	Ikpiuk River	32.30 31	P	P	16 06 52.6 +0.7
RED	Redoubt Volcan	32.31 48	IAMB	IAMB	16 06 54.2
OHAK	Old Harbor	32.37 54	P	P	16 06 52.8 +0.2
A22K	Sinclair Lake	32.53 28	P	P	16 06 54.2 +0.4
SPCR	Spurr Chakacha	32.55 47	P	P	16 06 55.5 +1.3
SPU	Mount Spurr	32.62 47	IAMB	IAMB	16 06 57.4
KDAK	Kodiak Island	32.67 53	P	IAMB	16 06 54.3 -0.9
KDAK			IAMB	IAMB	16 06 55.8
KDAK	comp=Z,42nm,0.9s				
KDAK	Kodiak Island	32.67 53	pP	pmax	16 06 54.0 -1.2
KDAK	comp=Z,58nm,0.9s				
KDAK	Kodiak Island	32.67 53	P	P	16 06 55.9 +0.7
I21K	Tanana	32.68 40	P	P	16 06 56.2 +1.0
STLK	Strandline Lak	32.72 46	IAMB	IAMB	16 06 58.2
F22K	John River	32.81 35	P	P	16 06 57.2 +0.8
B22K	Tshehpekuk Lake	32.87 30	P	P	16 06 57.5 +0.8
G22K	Bettles	33.01 36	P	P	16 06 58.7 +0.7
E22K	Anaktuvuk Pass	33.03 34	P	P	16 06 59.5 +1.2
MOY	Mondy	33.14 295	eP	pmax	16 06 59.8 +0.3
MOY	comp=Z,44nm,2.0s				
MLY	Manley	33.20 40	P	P	16 07 00.8 +1.0
LYN	LuoYang	33.36 260	P	pmax	16 07 02.8 +1.3
M22K	Willow	33.52 46	P	P	16 07 02.7 +0.2
D23K	Nanushuk River	33.56 33	P	P	16 07 04.3 +1.4
G23K	Bananza Creek	33.58 37	P	P	16 07 04.0 +0.9
C23K	Itkiliik River	33.71 31	IAMB	IAMB	16 07 08.8
C23K	Itkiliik River	33.71 31	P	P	16 07 05.3 +1.2
E23K	Chandalar	33.84 34	P	P	16 07 06.7 +1.3
PMR	Palmer	34.00 46	P	P	16 07 07.7 +1.0
D24K	Happy Valley	34.25 33	P	P	16 07 09.7 +1.0
E24K	Your Creek	34.27 34	P	P	16 07 10.0 +1.0
C24K	Franklin Bluff				

SHAA	Shahritus	60.17 294	P	P	16 10 29.2 -0.1
SHAA	comp=Z,64nm,1.1s		I	Amb	16 10 30.9
HLID	Haley	60.18 57	I	Amb	16 10 32.3
HLID	comp=Z,24nm,1.2s				
BISR	Bishrakh	60.21 280	eP	P	16 10 29.5 -0.1
CMB	Columbia Colle	60.30 65	I	Amb	16 10 32.6
CMB	comp=Z,15nm,0.9s				
NPLP	NPLP New Delhi	60.34 281	eP	P	16 10 30.5 0.0
BOZ	Bozeman (W)	60.37 54	P	P	16 10 32.4 +1.7
AYAN	Aya Nagar	60.47 281	eP	P	16 10 30.8 -0.6
WAKR	Walker	60.57 64	I	Amb	16 10 34.9
WAKR	comp=Z,22nm,0.8s				
SONA	Sohna	60.67 280	eP	P	16 10 32.6 -0.2
BBGB	Big Mountain B	60.86 67	I	Amb	16 10 38.5
BBGB	comp=Z,26nm,0.9s				
DGPR	DIGLIPUR	60.89 256	I	Amb	16 10 06.6
ILULI	Ilulissat	60.96 10	P	P	16 10 33.7 -0.3
ILULI	Ilulissat	60.96 10	P	P	16 10 33.7 -0.3
ILULI	comp=Z,39nm,0.9s				
ILULI	Ilulissat	60.96 10	iP	Amb	16 10 32.3 -1.7
ILULI	comp=Z,36nm,0.8s				
KVN	Kaisererville	61.00 63	I	Amb	16 10 37.7
RAUS	Rausandaksia	61.05 343	eP	P	16 10 33.8 -0.9
YHL	Yeghen Lake	61.10 54	I	Amb	16 10 38.7
YHL	comp=Z,21nm,1.0s				
YHB	Yorba Butte	61.16 54	I	Amb	16 10 39.0
YHB	comp=Z,26nm,0.9s				
MORL	Moi Rana	61.20 342	eP	P	16 10 34.3 -1.4
LCG	Belogornoye	61.23 318	eP	P	16 10 35.4 -0.7
BELG	comp=Z,19nm,1.4s				
NVAR	Minna Array Bea	61.29 64	P	P	16 10 38.5 +1.5
NVAR	comp=Z,16nm,0.8s,baz=291,slow=7.3,SNR=68				
NVAR	comp=Z,31nm,19.6s,baz=335,slow=33				
NVAR	comp=Z,16nm,0.8s				
NVAR	Minna Array Bea	61.29 64	P	P	16 10 37.7 +0.7
MDPB	Devils Postpil	61.35 65	I	Amb	16 10 40.0
MDPB	comp=Z,39nm,0.9s				
YNR	Norris Junctio	61.46 54	I	Amb	16 10 41.6
YNR	comp=Z,28nm,1.2s				
BLSP	Bilaspur	61.52 272	eP	P	16 10 38.6 +0.1
YFT	Old Faithful	61.55 54	I	Amb	16 10 42.8
YFT	comp=Z,19nm,0.8s				
JHNI	Jhansi	61.55 277	eP	P	16 10 38.1 -0.6
ELK	Elko	61.55 60	P	P	16 10 40.5 +1.7
KBL	Kabul	61.59 291	I	Amb	16 10 37.7 -1.4
KBL	comp=Z,24nm,0.8s				
KBL	Kabul	61.59 291	P	P	16 10 37.7 -1.4
KBL	comp=Z,24nm,0.8s				
KBL	SNR=12				
YPP	Pitchstone Pla	61.69 54	I	Amb	16 10 43.7
YPP	comp=Z,29nm,1.7s				
H17A	Grant Village	61.73 54	I	Amb	16 10 44.3
H17A	comp=Z,29nm,1.0s				
FLWY	Flagg Ranch	61.87 54	I	Amb	16 10 44.5
FLWY	comp=Z,32nm,1.4s				
RLMT	Red Lodge	61.94 53	I	Amb	16 10 44.5
RLMT	comp=Z,39nm,1.3s				
MOOW	Moose Ponds	62.06 55	I	Amb	16 10 45.5
MOOW	comp=Z,33nm,1.4s				
DSP	Deep Springs	62.19 64	I	Amb	16 10 45.7
DSP	comp=Z,35nm,1.0s				
LOHW	Long Hollow	62.23 55	I	Amb	16 10 46.7
LOHW	comp=Z,37nm,1.2s				
SNOW	Snow King Moun	62.25 55	I	Amb	16 10 47.0
SNOW	comp=Z,24nm,1.0s				
HVU	Hansel Valley	62.26 57	I	Amb	16 10 46.2
HVU	comp=Z,16nm,0.9s				
FINES	FINESS Array B	62.35 334	P	P	16 10 42.9 -0.5
FINES	comp=Z,17nm,0.5s,baz=35,slow=7.0,SNR=76				
FINES	FINESS Array B	62.35 334	P	P	16 10 42.4 -1.1
LAO	LASA Array	62.45 50	I	Amb	16 10 47.4
LAO	comp=Z,32nm,1.1s				
AHID	Auburn Hatcher	62.53 56	I	Amb	16 10 48.0
AHID	comp=Z,29nm,1.2s				
RAGD	RAYAGADA	62.68 268	eP	P	16 10 47.1 +0.9
MOS	Moscow	62.95 325	eP	P	16 10 47.5 0.0
MOS	comp=Z,31nm,1.0s				
HWUT	Hardware Ranch	63.05 57	I	Amb	16 10 51.5
HWUT	comp=Z,34nm,1.1s				
FRB	Frisher Bay	63.08 20	iP	P	16 10 45.9 -2.3
SFJD	Kangerlussuaq	63.14 10	LR	LR	16 42 04.7
SFJD	comp=Z,18nm,18.3s,baz=22,slow=39				
SFJD	Kangerlussuaq	63.14 10	P	P	16 10 48.5 0.0
SFJD	comp=Z,32nm,1.0s				
SFJD	Kangerlussuaq	63.14 10	P	P	16 10 48.5 0.0
SFJD	comp=Z,32nm,1.0s				
SFJD	Kangerlussuaq	63.14 10	iP	Amb	16 10 46.9 -1.7
SFJD	comp=Z,32nm,1.0s				
MYKOM	Kota Tingi	63.16 239	P	P	16 10 49.9 +0.5
DUG	Dugway, Toeete	63.30 59	I	Amb	16 10 53.1
DUG	comp=Z,28nm,1.8s				
MPMC	Manual Prospec	63.35 65	I	Amb	16 10 52.9
MPMC	comp=Z,18nm,1.0s				
BW06	Boulder Array	63.37 55	I	Amb	16 10 53.2
BW06	comp=Z,25nm,0.9s				
PD31	Pinedale Array	63.37 55	P	P	16 10 52.0 +1.1
PDAR	Pinedale Array	63.37 55	P	P	16 10 52.0 +1.1
PDAR	comp=Z,16nm,0.9s,baz=318,slow=2.0,SNR=95				
PDAR	comp=Z,5.0nm,0.9s,baz=307,slow=3.5,SNR=4.0				
PDAR	Pinedale Array	63.37 55	P	P	16 10 51.5 +0.6
WCT	Wildcat Moun	63.37 64	I	Amb	16 10 53.0
WCT	comp=Z,14nm,0.9s				
CLC	China Lake	63.44 65	I	Amb	16 10 53.3
CLC	comp=Z,24nm,0.8s				
TCUT	Toone Canyon	63.47 57	I	Amb	16 10 54.3
TCUT	comp=Z,19nm,0.9s				
AJW	Ajmer	63.49 281	eP	P	16 10 51.6 0.0
GJM	Greenwater Val	63.75 64	I	Amb	16 10 55.4
GJM	comp=Z,26nm,0.8s				
QSM	Queen of Sheba	63.78 65	I	Amb	16 10 55.6
QSM	comp=Z,24nm,0.9s				
OBN	Obninsk	63.82 325	dP	P	16 10 52.6 -0.6
OBN	comp=Z,18nm,0.9s				
OBN	Vishakhapatnam	63.85 267	eP	P	16 10 55.1 +1.1
VIS	Bhopal	63.86 276	eP	P	16 10 54.2 +0.2
BHPL	Pahroc Range	63.89 62	I	Amb	16 10 56.8
BHPL	comp=Z,45nm,1.1s				
KDU	Kakadu	63.94 203	P	P	16 10 53.5 -0.9
KDU	comp=Z,6.2nm,1.6s				
MPU	Maple Canyon	64.09 58	I	Amb	16 10 58.2
MPU	comp=Z,24nm,0.9s				
BSUT	Blindstream Ca	64.22 57	I	Amb	16 10 59.4
BSUT	comp=Z,16nm,0.9s				
NGP	Ngapru	64.23 273	eP	P	16 10 56.5 0.0
NGP	comp=Z,28nm,0.8s				
MWC	Mount Wilson	64.24 67	I	Amb	16 10 58.5
MWC	comp=Z,44nm,1.3s				
GSC	Goldstone, Bar	64.27 65	I	Amb	16 10 58.6
GSC	comp=Z,18nm,0.9s				
NDRD	NARMADA NAGAP	64.39 276	eP	P	16 11 00.3 +2.8
NDRD	comp=Z,30nm,0.8s				
MTN	Manton Dam	64.44 204	P	P	16 10 57.6 -0.1
BFSO	Mount Baldy Ra	64.47 67	I	Amb	16 10 59.8
BFSO	comp=Z,12nm,0.8s				
VSU	Vasula	64.57 332	dP	P	16 10 56.3 -1.7
VSU	comp=Z,12nm,0.9s				
VRH	Novokhoporsky	64.65 320	eP	P	16 10 57.6 -1.1
VRH	comp=Z,54nm,1.6s				
CCUT	Cedar City	64.78 61	I	Amb	16 11 02.7
CCUT	comp=Z,20nm,1.0s				
LPSR	Galich ya Gora	64.78 322	eP	P	16 10 59.0 -0.5
LPSR	comp=Z,37nm,1.0s				

TMUT	Trail Mountain	64.82 59	I	Amb	16 11 02.9
TMUT	comp=Z,23nm,0.9s				
ULM	Lac du Bonnet	64.84 42	P	P	16 11 00.3 +0.4
ULM	comp=Z,4.8nm,0.7s,baz=316,slow=5.8,SNR=6.8				
ULM	comp=Z,28nm,21.5s,baz=185,slow=35				
MTPC	Mountain Pass	64.89 64	I	Amb	16 11 03.0
MTPC	comp=Z,4.8nm,0.7s				
ELS	Elsinore Mount	65.01 67	I	Amb	16 11 03.3
ELS	comp=Z,34nm,1.4s				
CASPER	Casper	65.07 53	I	Amb	16 11 05.0
CASPER	comp=Z,48nm,1.6s				
Q16A	Casa Valley	65.10 59	I	Amb	16 11 04.8
Q16A	comp=Z,24nm,1.0s				
MTPU	Mount Pierson	65.12 60	I	Amb	16 11 05.4
MTPU	comp=Z,17nm,0.9s				
P18A	Preston Nutter	65.13 58	I	Amb	16 11 05.1
P18A	comp=Z,22nm,1.1s				
PSI	Prapat	65.19 244	P	P	16 11 04.1 +1.3
LCMT	Little Creek M	65.21 62	I	Amb	16 11 05.5
LCMT	comp=Z,29nm,0.9s				
RSSD	Black Hills	65.34 51	P	P	16 11 04.5 +0.9
RSSD	comp=Z,19nm,0.9s				
RSSD	Black Hills	65.34 51	P	P	16 11 04.5 +0.9
RSSD	comp=Z,19nm,0.9s				
RSSD	Black Hills	65.34 51	P	P	16 11 04.0 +0.4
RSSD	comp=Z,19nm,0.9s				
VORR	Voronzh	65.36 321	eP	P	16 11 02.9 -0.4
VORR	comp=Z,25nm,1.3s				
PKCU	Pink Cliffs	65.46 61	I	Amb	16 11 07.6
PKCU	comp=Z,14nm,0.9s				
DANC	Danby, Needles	65.57 65	I	Amb	16 11 07.4
DANC	comp=Z,27nm,0.9s				
PFO	Pinyon Flats O	65.63 66	P	P	16 11 06.3 +0.9
PFO	comp=Z,27nm,0.9s				
PFO	Pinyon Flats O	65.63 66	P	P	16 11 06.3 +0.9
PFO	comp=Z,27nm,0.9s				
ANGG	Ammassalik, Gr	65.65 5	iP	P	16 11 02.7 -2.1
ANGG	comp=Z,26nm,0.9s				
PMD	Palm Desert	65.65 66	I	Amb	16 11 07.0
PMD	comp=Z,29nm,1.5s				
VSR	Storozhevoye	65.72 321	eP	P	16 11 05.3 -0.3
VSR	comp=Z,44nm,1.6s				
HRA	Herat	65.83 295	I	Amb	16 11 07.9
HRA	comp=Z,12nm,0.6s				
WORD	Divnogorie	65.85 321	eP	P	16 11 02.7 -3.7
WORD	comp=Z,60nm,0.2s				
O20A	White River Ci	65.89 56	I	Amb	16 11 09.4
O20A	comp=Z,16nm,0.9s				
BKNI	Bangkokin Gr	65.95 240	P	P	16 11 08.6 +1.1
BKNI	comp=Z,26nm,0.9s				
DOMB	Dombas	65.96 343	eP	P	16 11 06.8 -0.2
DOMB	comp=Z,22nm,1.8s				
IRM	Iron Mountain	66.05 65	I	Amb	16 11 10.2
IRM	comp=Z,22nm,1.0s				
HAYD	Hayden	66.16 55	I	Amb	16 11 11.7
HAYD	comp=Z,44nm,1.3s				
U15A	North Rim	66.17 62	I	Amb	16 11 11.8
U15A	comp=Z,23nm,1.0s				
NC30S	NORSAR Array S	66.22 341	I	Amb	16 11 09.9
NC30S	comp=Z,9.8nm,0.7s				
AKN	Aaknes	66.23 344	eP	P	16 11 08.6 -0.1
AKN	comp=Z,29nm,0.7s				
NC40S	NORSAR Array S	66.25 341	I	Amb	16 11 10.2
NC40S	comp=Z,29nm,0.7s				
NC20A	NORSAR Array S	66.31 341	I	Amb	16 11 10.6
NC20A	comp=Z,29nm,0.7s				
NB201	NORSAR Array S	66.40 341	I	Amb	16 11 11.0
NB201	comp=Z,15nm,0.7s				
NB2	NORSAR Subarra	66.42 341	P	P	16 11 09.4 -0.6
NB2	comp=Z,9.8nm,0.7s,baz=26,slow=6.5				
NB2	NORSAR Subarra	66.42 341	P	P	16 11 09.4 -0.6
NB2	comp=Z,9.8nm,0.7s				
NB2	NORSAR Subarra	66.42 341	P	P	16 11 09.4 -0.6
NB2	comp=Z,3.0nm,0.8s				
NOA	NORSAR Array B	66.42 341	P	P	16 11 09.4 -0.6
NOA	comp=Z,7.8nm,0.7s,baz=26,slow=6.4,SNR=66				
NOA	comp=Z,22nm,19.9s,baz=10.0,slow=39				
VJD	Vijayawada	66.49 268	eP	P	16 11 11.2 +0.3
VJD	comp=Z,2.8nm,0.7s				
PV21	Cone Mtn., Par	66.58 58	I	Amb	16 11 14.0
PV21	comp=Z,31nm,1.0s				
NC602					

1d 16h

Table with columns: MCD, comp, Iamb, Iamb, 16 11 47.5, and various call signs like SORM, DRUM, KPL, KOD, PALK, etc.

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Table with columns: TPGR, Topolog, 75 15 323, P, P, 16 12 03.5 +0.7, and various call signs like BZK, KESW, NEUB, IBBN, etc.

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Table with columns: GRF, comp, Z, 26nm, 0.9s, 76.70 336, eP, P, 16 12 12.3 +0.7, and various call signs like GRFO, WET, FAQ, etc.

KBA	Koelnbreinsper	78.47 333	i P	P	16 12 22.5 +0.9
UMZA	Um Al Zommoel	78.52 291	P	P	16 12 22.0 0.0
MZWR	Madinat Zayed	78.53 293	P	P	16 12 22.0 0.0
OBKA	Obrir	78.62 332	i P	P	16 12 22.5 +0.1
DIF	Dimitrovgrad	78.63 323	P	P	16 12 23.1 +0.8
BMO	Black Forest	78.72 337	P	P	16 12 22.9 +0.2
BFO	Black Forest	78.72 337	I Amb	I Amb	16 12 22.1
BFO	Black Forest	78.72 337	P	P	16 12 22.9 +0.2
BFO	Black Forest	78.72 337	pmax	pmax	16 12 22.0 +0.2
BFO	Black Forest	78.72 337	eP	P	16 12 23.0 +0.2
BFO	Black Forest	78.72 337	P	P	16 12 23.2 +0.5
BFO	Black Forest	78.72 337	P	P	16 12 23.0 -1.0
BOVS	Bovan	78.75 327	PP	P	16 12 22.1 -0.8
WATA	Walderaim	78.75 335	i P	P	16 12 24.0 +0.9
MYKA	Terra Mystica	78.79 333	i P	P	16 12 23.2 0.0
WTTA	Wattenberg	78.80 335	i P	P	16 12 24.5 +1.1
RETA	Reuttenbach	78.82 335	i P	P	16 12 24.2 +0.7
MOTA	Moosalm	78.88 335	i P	P	16 12 24.4 +0.6
SAKB	Sankt Quirin	78.88 297	P	P	16 12 23.8 -0.1
SQTA	Sankt Quirin	78.96 335	i P	P	16 12 25.1 +0.9
PREO	Cave del Predi	79.08 333	I Amb	I Amb	16 12 25.0
ABTA	Abtaltersbach	79.09 334	i P	P	16 12 24.5 0.0
BAND	Balkesir-Ban	79.02 321	IP	P	16 12 24.9 +0.4
LJU	Ljubljana	79.05 332	eP	P	16 12 24.3 -0.3
VTS	Vitosha	79.05 325	i P	P	16 12 24.8 0.0
DOM	Dome	79.05 298	P	P	16 12 25.9 +0.1
ECH	Echery	79.12 338	I Amb	I Amb	16 12 26.4
ECH	Echery	79.12 338	P	P	16 12 25.5 +0.6
CADS	Cadry	79.12 333	P	P	16 12 24.2 -0.8
EDC	Edinac	79.12 321	P	P	16 12 25.5 +0.4
SLE	Schlheim	79.20 337	P	P	16 12 25.6 +0.2
RZN	Rozhen	79.26 324	P	P	16 12 26.5 +0.5
DAVA	Damuels	79.27 336	i P	P	16 12 26.4 +0.4
FETA	Feichten	79.28 333	i P	P	16 12 26.9 +1.0
DYA	Yadsworth	79.31 346	eP	P	16 12 26.1 +0.2
DYA	Muzera	79.33 293	i P	P	16 12 26.6 +0.1
MZR	Muzera	79.33 293	P	P	16 12 26.6 +0.1
BLY	Banja Luka	79.35 330	IP	P	16 12 26.3 +0.1
BLY	Banja Luka	79.35 330	I Amb	I Amb	16 12 26.9
BLLS	Lazi&2631	79.37 328	IP	P	16 12 26.0 -0.2
STAL	STALIGAL	79.40 334	I Amb	I Amb	16 12 26.8 +0.5
CAVK	Edirne/Enez-Ca	79.54 322	IP	P	16 12 28.0 +0.7
RUDO	Rudo	79.60 328	IP	P	16 12 23.9 -3.7
SLWR	Sila	79.62 295	P	P	16 12 28.2 +0.2
MLDN	Muldoon	79.68 56	I Amb	I Amb	16 12 30.8
SJES	Sjenica	79.70 327	IP	P	16 12 28.4 +0.1
KKB	Krupnik	79.76 325	i P	P	16 12 29.1 +0.6
MMB	Musomisha	79.77 324	i P	P	16 12 29.1 +0.5
CTI	Castel Tesino	79.90 334	I Amb	I Amb	16 12 29.9
CTI	Castel Tesino	79.90 334	P	P	16 12 28.9 -0.4
ISP	Isparta	80.07 318	P	P	16 12 30.7 +0.3
UPM	Unac-Piva	80.13 328	eP	P	16 12 28.8 -1.8
SSIA	Beattyville	80.19 43	I Amb	I Amb	16 12 38.1
JSA	Saint Aubin	80.21 344	eP	P	16 12 31.2 +0.5
JSA	Cobar Meteorol	80.23 187	P	P	16 12 21.2 -1.0
CMSA	Chamou-Forêt	80.44 341	P	P	16 12 33.2 +1.2
BRY	Bratogost	80.52 328	IP	P	16 12 31.7 -1.0
PDG	Podgorica	80.68 327	IP	P	16 12 33.4 +0.1
PDG	Podgorica	80.68 327	IP	P	16 12 33.2 -0.1
TREB	Trebjine	80.75 328	eP	P	16 12 32.4 -1.3
SEVIN	Lac Senin/Sane	80.80 337	I Amb	I Amb	16 12 38.9
SEVIN	Hebronville	80.88 59	I Amb	I Amb	16 12 38.0
DRME	Dracevica, Mon	80.92 327	IP	P	16 12 34.5 -0.1
HCY	Herczeg Lovas	80.92 328	eP	P	16 12 33.9 -0.8
STKA	Stephens Creek	80.96 190	P	P	16 12 35.0 +0.3
OHR	Ohrid	81.27 326	i P	P	16 12 36.7 +0.1
LIT	Litkhoron	81.50 324	I Amb	I Amb	16 12 38.0
ASF	Jabal al Asfar	81.62 310	LR	LR	16 53 45.0
MMAI	Mount Meron Ar	81.81 311	P	P	16 12 40.0 +1.1
SHAO	Shalim	81.75 288	P	P	16 12 39.8 +0.6
GUMA	Gualdo di Mace	82.10 332	I Amb	I Amb	16 13 00.3
BNI	Bardonecchia	82.18 337	I Amb	I Amb	16 12 43.6
BNI	Bardonecchia	82.18 337	P	P	16 12 42.7 +1.3
FDMO	Fjordimento	82.20 332	I Amb	I Amb	16 12 43.0
DOK	Doka	82.21 289	P	P	16 12 42.1 +0.4
DMTO	DMTO	82.37 328	P	P	16 12 42.8 +0.2
SSB	Saint Sauveur	82.51 338	P	P	16 12 44.1 +1.1
AQU	L'Aquila	82.72 331	P	P	16 12 42.7 -1.4
LOU	L'Aquila	82.75 331	IP	P	16 12 42.8 +0.7
CESI	Cesi	82.75 332	I Amb	I Amb	16 12 45.2
WHFO	Wadi Hawf	82.95 289	P	P	16 12 46.0 +0.3
RBK	Rabuk	82.99 288	P	P	16 12 46.2 +0.3
MATE	Matera	83.15 328	IP	P	16 12 46.4 -0.1
PAOL	Paolisi	83.53 330	I Amb	I Amb	16 12 49.0
RAYN	Ar Rayn	83.70 299	P	P	16 12 49.6 +0.2
RAYN	Ar Rayn	83.70 299	i P	P	16 12 50.1 +0.7
RAYN	Ar Rayn	83.70 299	P	P	16 12 49.6 +0.2
RAYN	Ar Rayn	83.70 299	pmax	pmax	16 12 49.9 +0.5
RAYN	Ar Rayn	83.70 299	P	P	16 12 49.9 +0.5
CUC	Castrocuco	84.04 329	I Amb	I Amb	16 12 51.6
TIP	Tipitagrae	84.44 328	IP	P	16 12 52.8 -0.1
CEL	Celme	85.56 328	I Amb	I Amb	16 12 59.6
VSL	Villasalto	86.57 333	I Amb	I Amb	16 13 05.7
PBRG	Braganca	88.16 345	eP	P	16 13 11.2 +0.2
PGAV	Gaviera, Arco	88.25 347	eP	P	16 13 11.8 +0.3
POLC	Lago di Olo	88.75 346	eP	P	16 13 13.6 -0.3
PVRL	Vila Real	88.84 346	eP	P	16 13 14.1 -0.1
PVIS	Visu	89.41 346	eP	P	16 13 17.1 +0.2
MTE	Manteigas	89.67 346	eP	P	16 13 17.2 -0.9
ESDC	Sonsecra Array	89.72 343	P	P	16 13 17.6 -0.8
ESDC	Sonsecra Array	89.72 343	LR	LR	17 00 26.7
ESDC	Sonsecra Array	89.72 343	P	P	16 13 17.8 -0.6
ESDC	Sonsecra Array	89.72 343	I Amb	I Amb	16 13 19.7
PAB	San Pablo	89.92 343	P	P	16 13 19.0 -0.3
KEST	Kesra	90.04 332	P	P	16 13 20.2 +0.2
KEST	Kesra	90.04 332	I Amb	I Amb	16 13 22.5
KEST	Kesra	90.04 332	P	P	16 13 20.4 +0.4
PCBR	Castello Branco	90.20 346	eP	P	16 13 19.4 -1.0
PMRV	Marv'70	90.59 349	eP	P	16 13 23.7 +1.4
PMTG	Montargil	91.08 346	eP	P	16 13 23.7 -0.8
PMTG	Montargil	91.08 346	I Amb	I Amb	16 14 02.3

PARRA	Arraiolos	91.29 346	eP	P	16 13 25.3 -0.3
EVO	Evora	91.56 346	eP	P	16 13 27.4 +0.5
MOE	Montemor	91.63 346	eP	P	16 13 27.7 +0.5
PBAR	Barrancos	91.75 345	eP	P	16 13 27.2 -0.5
PBAR	Barrancos	91.75 345	I Amb	I Amb	16 14 28.9
PBEJ	Beja	92.03 345	eP	P	16 13 29.5 +0.5
MESJ	Messejana	92.28 346	eP	P	16 13 30.0 -0.1
MESJ	Messejana	92.28 346	I Amb	I Amb	16 13 31.5
MESJ	Messejana	92.28 346	eP	P	16 13 30.0 -0.1
MESJ	Messejana	92.28 346	eP	P	16 13 30.8 +0.6
PCVE	Castro Verde	92.45 345	eP	P	16 13 31.9 +0.9
PAVA	Vaqueiros	92.62 345	eP	P	16 13 32.4 +0.7
LPZA	La Paz	133.16 61	SKPbc	SKPab	16 22 49.0 -0.9
MAW	Mawson	134.04 212	PKP	PKKIP	16 19 36.5 0.0
QSPA	South Pole Qui	138.48 180	PKKIP	PKPpre	16 19 33.2
QSPA	South Pole Qui	138.48 180	PKKIP	PKKIP	16 19 45.1 -0.6
QSPA	South Pole Qui	138.48 180	SKPbc	SKPbc	16 22 59.9 -1.9
CPUP	Chilpancingo	147.22 58	PKPbc	PKPbc	16 20 02.4 -0.2
CLUP	Chilpancingo	147.22 58	PKPbc	PKPbc	16 20 46.5 -0.3
ELIB	El Estero	147.71 206	PKPbc	PKPbc	16 20 02.6 -0.2
PLCA	Paso Flores	148.07 92	PKPbc	PKPbc	16 20 49.0 +0.7
PLCA	Paso Flores	148.07 92	PKPbc	PKPbc	16 20 50.0 +0.4
PLCA	Paso Flores	148.07 92	PKPbc	PKPbc	16 20 48.8 +0.2
TROLL	Troll, Antarti	153.17 200	PKPbc	PKPbc	16 20 15.8 0.0
VNA3	Neumayer Oup	156.10 193	PKPbc	PKPbc	16 20 40.1 -0.5
VNA3	Neumayer-Stat	156.39 195	PKPbc	PKPbc	16 20 42.4 +0.5
VNA1	Neumayer-Stat	156.39 195	PKPbc	PKPbc	16 21 25.7 +1.2

CATAC 01 16:14:11.1-0.8, 20°N, 3°7'2"W, h8km, 5km, M4, 0/8, mb4.7/2, MLV3.7/8, Error ellipse: s-maj=5.8km
 s-min=3.5km az=2.0, confirmed
 SDD 01 16:14:11.1-3.1, 20.000N:72.79W, h80km, 5km, MD3.6, ML3.4, MW3.7, Presumed earthquake
 OSPL 01 16:14:12.7-1.9, 19.900N:72.37W, h0km, 10km, ML3.1, Presumed earthquake
 SSNC 01 16:14:12.4-2.5, 19.86N:72.38W, h10km, 9km, MD3.6, ML3.4, MW3.5, Presumed earthquake
 ISC 01 16:14:10.3-1.3, 19.91N:0.03-0.7, 40W, h0km, 11km, h5.0, c128/92, 17C-13D, Haiti region

Code	Station Name	A°	AZ°	Phase ID	Time	Res
					h m s	ISC
LODA1	ITESIL, Dajabo	0.75	119	i P	16 14 25.1 +0.5	Pg
LODA1	ITESIL, Dajabo			eS	16 14 35.0 +0.6	Sg
LODA1	ITESIL, Dajabo			I Amb	16 14 37.6	
LOPP1	Punta Rusia, P	1.13	93	i P	16 14 33.8 +1.2	Pn
LOPP1	Punta Rusia, P			I Amb	16 14 54.7	
LUDR	Luperon	1.36	91	eP	16 14 36.3 -0.1	Pg
LUDR	Luperon			eSg	16 14 56.4 +2.4	Sb
SDDR	Pres de Saban	1.40	131	P	16 14 36.2 -0.1	Pn
SDDR	Pres de Saban			S	16 14 56.1 +1.0	Sb
SDDR	Pres de Saban	1.40	131	i P	16 14 36.1 -0.1	Pn
SDDR	Pres de Saban			eS	16 14 54.9 0.0	Sb
SDDR	Pres de Saban			I Amb	16 14 59.2	
SDDR	Pres de Saban	1.40	131	eP	16 14 36.3 0.0	Pn
SDDR	Pres de Saban			eS	16 14 53.8 -1.0	Sb
SDDR	Pres de Saban			I Amb	16 15 00.9	
LGNH	Logne	1.41	188	P	16 14 36.2 -0.1	Pn
LGNH	Logne			S	16 14 54.9 -0.2	Sb
JIDR	Jimani	1.50	160	eP	16 14 38.1 +0.4	Pg
JIDR	Jimani			eSg	16 14 58.4 +0.6	Sb
JIDR	Jimani			I Amb	16 14 58.9	
LONE3	Ei Aguacate, B	1.57	146	i P	16 14 39.0 +0.2	Pn
LONE3	Ei Aguacate, B			eS	16 14 59.5 0.0	Sb
LONE3	Ei Aguacate, B			I Amb	16 15 01.4	
SC01	Santiago de lo	1.65	107	eP	16 14 40.9 -0.1	Pb
SC01	Santiago de lo			JESg	16 15 04.6 +1.4	Sb
SC01	Santiago de lo			I Amb	16 15 11.2	
SC01	Santiago de lo	1.65	107	P	16 14 41.7 -0.2	Pn
SC01	Santiago de lo			S	16 15 03.5 -0.2	Sb
SC01	Santiago de lo	1.65	107	i P	16 14 41.6 -0.2	Pn
SC01	Santiago de lo			I Amb	16 15 09.1	
NEDR	Neiba UASD	1.70	147	eP	16 14 40.9 +0.6	Pn
NEDR	Neiba UASD			eSg	16 15 04.7 -0.1	Sb
NEDR	Neiba UASD			I Amb	16 15 08.8	
MASC	Masc	1.74	279	P	16 14 41.9 +0.9	Pn
MASC	Masc			S	16 15 04.6 +1.2	Sb
MASC	Masc	1.74	279	i P	16 14 41.9 +0.9	Pn
MASC	Masc			eS	16 15 05.7 +0.9	Sb
MASC	Masc			I Amb	16 15 11.2	
MASC	Masc	1.74	279	eP	16 14 41.9 +0.9	Pn
MASC	Masc			JESg	16 15 05.4 +0.7	Sb
MASC	Masc			I Amb	16 15 10.1	
MASC	Masc	1.74	279	P	16 15 10.4	Pn
LODU1	Ei Espartillar	1.78	150	i P	16 14 42.9 -0.4	Pb
LODU1	Ei Espartillar			I Amb	16 15 15.7	
GRTK	Grand Turk	1.98	36	eP	16 14 44.9 +0.6	Pn
GRTK	Grand Turk			eSg	16 15 10.4 +1.2	Sb
GRTK	Grand Turk	1.98	36	P	16 14 44.9 +0.6	Pn
GRTK	Grand Turk					

Table with columns: NEA2, RC01, D24K, MCK, C24K, E24K, SEW, WAT1, F24K, H24K, G24K, KNK, SML, WAT5, DHY, ILAR, D25K, SCM, F25K, E25K, GLI, PRP, C26K, K24K, M24K, J25K, PAX, KLU, F26K, C27K, G26K, N25K, BMRM, E27K, G27K, D27M, M26K, H27K, I27K, MCARA, CRQE, BGLC, L27K, F28M, E28M, M27K, I28M, BVCV, E29M, DAWY, H29M, G29M, YUK3, I29M, O28M, YUK8, PINM, EPYK, G30M, F30M, L29M, M29M, K29M, I30M, J30M, YUK6, O29M, INK, G31M, H30M, Y30M, P29M, N31M, O30M, PLBC, M31M, WHAG, P32M, M31M, R32K, SIT

Table with columns: P33M, S32K, C36M, Q33M, R33M, S34M, WRAP, CRAG, MK31, MKAR, MKAR, MKAR, KURK, DLBC, KURBB, T35M, V35K, KOTAN, BVAR, BORK, YKA, YKA, AAK, AAK, ARTI, KIRV, FINES, HFS, AKASG, AKASG, WRA, WRA, EKA, ASAR, GERES

IDD 01 16:46:11.61, 9.626S, 104.19E, h0km, mb3.6/7, mbmp3.6/8, ML3.5/1, Error ellipse: s-maj=63.8km s-min=19.1km az=42.0

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

MOS 01 17:26:07.8, 45.00N-37.64E, h13km, MPVA3.5, Ukraine-Moldova-Southwestern Russia region

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

Table with columns: KBZ, Khabaz, 3.98 107, ePn, Pn, 17 20 17, +2.3, 17 27 58.3, +3.4

IDD 01 17:28:02.5, 4.5, 31.44S, 179.91W, h296km, 43km, mb3.1/5, mbmp3.8/6, Error ellipse: s-maj=37.6km s-min=28.7km az=33.0

WEL 01 17:28:06.7, 0.8, 32.3S, 6.7W, h334km, 11km, mb4.9/1.1, ML4.7/1.3, MLV4.9/1.4, MW(mb)4.2/1.1, Error ellipse: s-maj=22.7km s-min=8.4km az=108.2, confirmed

NOU 01 17:28:47.2, 34.69S, 177.85E, h273km, mb4.1/9, North of New Zealand

ISC 01 17:28:07.0-0.9, 32.09S, 008.179W, 0.1, h300km, n99, e235/1108, mb3.3/5, South of Kermadec Islands

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

JMA 01 17:38:40.4, 0.2, 25N, 4.12E, h111km, 2km, ID 17:38:40.2, 24.76N, 122.48E, h10km, ML3.0, D

ISN 01 17:38:40.7, 1.5, 24.70N, 104.122S, 0.03, h106km, gkm, n78, c084/129, Taiwan region

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

comp=Z,0.4nm,0.3s,baz=240,slow=6.2,SNR=4.6
TXAR Lajitas Array 128.41 305 PKP PKPdf 18 49 10.1 +1.2

IDC 01 18:44:43.9-4.6, 0.09N,25.15W, h0km, mb3.7/8,
mtbpm3.7/8, MS3.5/6, Error ellipse: s-maj=119.5km

ISC 01 18:44:47.0-4.1, 0.1N,0.7-25.1W,0.3, h18km, n17, 0.090/8,
mb3.8/7, MS3.5/6, Central Mid-Atlantic Ridge

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

IDC 01 18:47:09.4-2.3, 15.62Sx177.65W, h439km, 22km, mb2.9/4,
mtbpm3.7/5, Error ellipse: s-maj=99.2km s-min=26.2km

ISC 01 18:47:10.0-1.8, 15.75S,0.6-177.7W,0.4, h450km, n6,
0.095/7, mb3.3/4, Fijii Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Fijii Islands region.

IDC 01 18:49:14.6-1.1, 41.90S,85.27E, h0km, mb3.9/7,
mtbpm3.9/7, MS3.8/38, Error ellipse: s-maj=35.6km

NEIC 01 18:49:14.5-2.3, 41.94S,0.06-85.6E,0.3, h10km, 1km,
mb4.5/10, Error ellipse: s-maj=35.0km s-min=10.0km

GCMT 01 18:49:17.5-0.3, 41.74S,0.02-84.92E,0.02, h20km, 1km,
MW4.9/96, Moment Tensor Solution. s23,c27; s96,c137;

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the NEIC and GCMT events.

ISC 01 18:49:15.1-0.8, 41.8S,0.1-85.6E,0.2, h10km, n69,
0.195/24, mb4.2/12, MS3.9/38, Southeast Indian Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous seismic stations for the Southeast Indian Ridge event.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the QSPA and PALK events.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the BFAD and M27K events.

TAP 01 18:55:46.2, 23.53N, 121.52E, h32km, ML2.0, C, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous seismic stations for the Taiwan event.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the WTP and NNSB events.

JMA 01 18:55:51.1-0.2, 24.0N, 0.8-123.3E,0.4, h24km, 2km,
MV2.5/9, NEAR ISHIGAKIJIMA ISLAND, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the Ryukyu Islands event.

ATH 01 18:57:01.2, 40.50N, 20.79E, h8km, 2km, ML2.2/9, Latitude
uncertainty: 1 km; Longitude uncertainty: 1 km

TJR 01 18:57:02.1, 40.50N, 20.91E, h13km, ML2.4/4
SKO 01 18:57:02.5, 40.40N, 20.77E, h7km, ML2.6

ISC 01 18:57:02.1-0.9, 40.50N, 0.02-20.84E,0.03, h9km, 7km,
n18, 0.070/31, Greece-Albania border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous seismic stations for the Greece-Albania border region event.

NOU 01 18:57:42.0, 15.01S, 167.30E, h10km, MLV5.1/14,
Vanuatu Islands

NEIC 01 18:57:42.3-2.2, 15.09S,0.06-167.56E,0.07, h16km, 4km,
mb4.8/11, Error ellipse: s-maj=11.3km s-min=6.5km

GCMT 01 18:57:43.0-3.2, 15.05S,0.03-167.37E,0.02, h120km, 3km,
MW4.8/90, Moment Tensor Solution. s24,c24; s90,c119;

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous seismic stations for the Vanuatu Islands event.

BUI 01 18:57:43.4, 14.49S, 167.66E, h124km, mb4.7/5, mb4.6/32
IDC 01 18:57:44.3-1.7, 15.12Sx167.45E, h135km, 14km,

ISC 01 18:57:43.4, 0.3, 15.16S,0.05-167.43E,0.07, h123km,
n147, 0.138/145, mb4.7/43, SC-22, Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous seismic stations for the SC-22 event.

1d 19h

Table with columns: LTZ, Lake Taylor, 27.84 172, P, Iamb, P, 19 03 21.7 +1.0, 19 03 23.4, 19 03 31.1 +1.4, etc.

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Table with columns: SNA, Sanae, 93.13 183, P, P, 19 10 42.1 -0.4, 19 10 42.1 -0.4, 19 10 42.0 -0.4, etc.

50

Table with columns: SJU, Sorong, 39.22 289, P, P, 19 33 35.7 +0.2, 19 33 46.3 +0.3, 19 33 46.0 +0.2, etc.

GCG 01 19:28:12.7:1.8, 14:96N:94:50W, h37km, 45km, MD4.8, ML4.8, Presumed earthquake, MEX 01 19:28:14.2:1.0, 15:11N:94:46W, h17km, 99km, MD4.5, NEIC 01 19:28:15.1:2.5, 15:2N:0:1:94.40W, h0.7, h35km, 2km, mb4.1/52, Error ellipse: s-maj=18.1km s-min=10.0km az=202.0

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, CARR, Arriaga, 1.28 25, Op, ISC, 19 28 33.4 +0.6, etc.

AOVM	Tlapan	6.22 313	eS	Sn	19 30 50.7	-2.8
ARIG	Puente Sto Nin	6.46 300	eP	Pn	19 29 48.5	+3.2
ARIG			eS	Pn	19 31 00.8	+2.2
CRIN	San Cristobal	7.59 107	Pn	Pn	19 30 04.2	+3.3
TEIG	Tejich	7.82 48	eP	Pn	19 30 03.2	+0.6
INCO	Volcan de Coli	9.77 298	eP	Pn	19 30 37.2	+6.2
SOMAC	Volcano de Col	9.79 298	eP	Pn	19 30 39.1	+7.9
CDAR	Ciudad de Arme	9.82 294	eP	Pn	19 30 39.7	+7.4
CEGR	Campo Tres	9.83 297	eP	Pn	19 30 39.3	+5.3
JTS	Las Juntas de	10.45 116	Pn	Pn	19 30 45.3	+5.3
comp=0.7nm,0.3s,baz=312,slow=16,SNR=1.5						
comp=0.2nm,0.4s						
JTS	Las Juntas de	10.45 116	Pn	Pn	19 30 38.8	-1.2
BRUZ	Volcan	13.12 117	Pn	Pn	19 31 16.4	-0.2
833A	Chaparral WMA,	13.94 342	Pn	Pn	19 31 27.6	-0.1
DRIO	Del Rio	15.35 339	Pn	Pn	19 31 48.8	+2.0
435B	Jarell	15.88 350	Pn	Pn	19 31 52.2	+0.9
435B			Iamb	Iamb	19 32 24.2	
CAIB	Caibarien	16.00 60	Pn	Pn	19 31 55.3	+0.1
CAIB			Iamb	Iamb	19 32 01.6	
JCT	Junction City	16.09 343	Pn	Pn	19 31 55.9	-0.4
JCT			Iamb	Iamb	19 32 04.3	
TX31	Lajitas Ar. Si	16.52 331	P	P	19 32 03.8	-0.8
TXAR	Lajitas Arroyo	16.52 331	Pn	Pn	19 32 05.8	+1.2
comp=0.4nm,0.6s,baz=158,slow=13,SNR=4.0						
BRDY	Brady	16.65 346	Pn	Pn	19 32 02.9	-0.6
OZNA	Ozona	16.90 340	Pn	Pn	19 32 07.5	-1.1
OZNA			Iamb	Iamb	19 32 22.7	
LPIG	La Paz	17.39 303	P	P	19 32 22.4	+8.4
comp=2.46nm,0.3s,baz=50,slow=9,SNR=6.0						
LPIG			S	S	19 35 38.7	+4.2
comp=2.23nm,0.4s,baz=133,slow=4,SNR=1.2						
ALPN	Alpine	17.39 333	Pn	Pn	19 32 13.5	+0.5
PLPT	Palo Pinto	17.99 349	Pn	Pn	19 32 18.8	-1.4
ABTX	Abilene, Hawle	18.08 346	Pn	Pn	19 32 21.3	-0.1
ABTX			Iamb	Iamb	19 32 33.9	
SN07	Snyder 07	18.85 343	P	P	19 32 30.4	+0.2
MNTX	Cornudas Mount	19.31 331	Pn	Pn	19 32 36.0	-0.3
MIAR	Mount Ida	19.40 2	Pn	Pn	19 32 35.1	-1.0
DKNS	Dickens	19.40 344	Iamb	Iamb	19 32 37.4	0.0
DKNS			Iamb	Iamb	19 33 02.0	
X34A	Smith Ranch, M	19.67 352	Pn	Pn	19 32 40.3	-0.2
X34A			Iamb	Iamb	19 33 01.2	
W35A	Tecumseh	20.10 354	Pn	Pn	19 32 45.3	-0.3
W35A			Iamb	Iamb	19 32 51.5	
X48A	Hartselle	20.42 18	P	P	19 32 48.0	+0.7
X48A			Iamb	Iamb	19 33 07.4	
SMWD	Samnorwood	20.60 346	P	P	19 32 49.2	-0.1
SMWD			Iamb	Iamb	19 33 05.0	
FCAR	Ozark Folk Cen	20.83 5	P	P	19 32 49.9	-1.8
FCAR			Iamb	Iamb	19 32 57.1	
OK052	Battle Ridge R	20.93 355	P	P	19 32 49.8	-2.9
FPAL	Fort Paine	20.96 21	Pn	Pn	19 32 52.7	-0.4
FPAL			Iamb	Iamb	19 33 01.9	
HHAR	Hobbs	21.12 1	P	P	19 32 55.5	+0.6
HHAR			Iamb	Iamb	19 32 58.3	
OTAV	Otavalo	21.65 132	P	P	19 33 01.5	+0.4
OTAV			Iamb	Iamb	19 33 34.2	
GC02	Grant County #	21.89 353	P	P	19 33 05.0	+1.9
Y22A	Socorro	21.90 331	Pn	Pn	19 33 05.2	+1.7
Y22A			Iamb	Iamb	19 33 36.6	
HODGE	Hodges	22.03 28	P	P	19 33 03.3	-1.3
HODGE			Iamb	Iamb	19 33 18.1	
ROSC	El Rosal	22.29 115	P	P	19 33 09.2	+1.1
ROSC			Iamb	Iamb	19 33 13.9	
RTBA	Rita Blanca	22.51 342	P	P	19 33 10.7	+0.9
RTBA			Iamb	Iamb	19 33 18.4	
ANMO	Albuquerque	22.52 334	P	P	19 33 10.7	+0.6
S39A	Bolivar	22.54 2	P	P	19 33 10.6	+0.5
T25A	Trinidad	23.68 340	P	P	19 33 20.1	-1.9
T25A			Iamb	Iamb	19 33 49.7	
SDV	Santo Domingo	24.11 102	LR	LR	19 43 14.8	
SDV	Santo Domingo	24.11 102	P	P	19 33 26.3	0.0
SDV			Iamb	Iamb	19 33 30.1	
P40A	Paris	24.45 5	P	P	19 33 27.6	-1.2
P38A	Dawn	24.46 2	P	P	19 33 27.0	-2.0
P38A			Iamb	Iamb	19 33 51.2	
X16A	Lo Mia Camp, P	24.58 325	P	P	19 33 31.9	+1.5
SDCO	Great Sand Dun	24.59 339	P	P	19 33 29.5	-1.1
SDCO			Iamb	Iamb	19 33 43.2	
N38A	Joess South For	25.64 2	P	P	19 33 38.3	-1.3
N38A	Pinoy Flats O	27.12 317	LR	LR	19 45 13.6	
PDAR	Pinedale Array	30.48 338	P	P	19 34 24.4	+1.2
PDAR			Iamb	Iamb	19 34 24.4	+1.2
YKA	Yellowknife Ar	49.45 348	P	P	19 34 21.5	-1.7
YKA			Iamb	Iamb	19 37 00.3	+0.5
KDAK	Kodiak Island	50.64 329	LR	LR	20 04 01.5	
ILAR	Eielson Array	60.91 337	P	P	19 38 24.6	+2.1
ILAR			Iamb	Iamb	19 38 24.6	+2.1
ILAR	Eielson Array	60.91 337	P	P	19 38 21.6	-0.9
EKA	Eskdalemuir Ar	78.49 36	P	P	19 40 11.2	+0.2
comp=1.5nm,0.7s,baz=287,slow=5.8,SNR=7.2						
comp=2.1,5nm,0.7s						
ESDC	Sonsec Array	80.93 51	P	P	19 40 24.8	+0.2
ESDC			Iamb	Iamb	19 40 24.8	+0.2
ESDC	Sonsec Array	80.93 51	P	P	19 40 23.5	-1.2
ESDC			Iamb	Iamb	19 40 25.6	
NB2	NORSAR Subarra	84.33 28	P	P	19 40 43.1	+1.2
NOA	NORSAR Array B	84.33 28	P	P	19 40 43.1	+1.2
NOA			Iamb	Iamb	19 40 43.1	+1.2
ARCES	ARCCESS Array B	85.86 18	P	P	19 40 49.4	0.0
ARCES			Iamb	Iamb	19 40 49.4	0.0
ARCES	ARCCESS Array B	85.86 18	P	P	19 40 48.2	-1.2
FINES	FINES Array B	90.53 24	P	P	19 41 13.6	+1.8
FINES			Iamb	Iamb	19 41 13.6	+1.8
FINES	FINES Array B	90.53 24	P	P	19 41 12.8	+1.0

JTN	Tanegashima 3	0.56 230	JP	Pn	19 43 31.9	0.0
JTN			US	Pn	19 43 41.2	+0.8
JNKG	Nichinankitagto	0.65 352	JP	Pn	19 43 32.7	-0.3
JNKG			US	Pn	19 43 42.7	+0.4
JMNT	Minamitane	0.80 219	JP	Pn	19 43 35.2	+0.3
JMNT			US	Pn	19 43 37.0	+0.1
JTZ	Takazaki	0.94 339	JP	Pn	19 43 50.0	+0.7
JTZ			US	Pn	19 43 37.9	+0.1
JSU	Suzuyama	1.00 299	JP	Pn	19 43 40.1	+0.5
JYAK	Yakushimahirau	1.14 227	JP	Pn	19 43 40.1	+0.5
JYAK			S	Pn	19 43 55.5	+1.4
JTSN	Tsuno	1.22 14	S	Pn	19 43 40.1	-0.6
JKC	Kuchinoerabu	1.24 244	P	Pn	19 43 41.2	+0.4
JKC			eS	Pn	19 43 57.4	+0.9
JZO	Kouchi	1.35 326	P	Pn	19 43 42.8	+0.3
JZU	Nakatsu	2.16 346	P	Pn	19 43 54.0	+0.4
5.0nm,0.3s,baz=186,slow=10,SNR=123						
JNU			S	Pn	19 44 19.6	+0.4
75nm,0.5s,baz=25,slow=19,SNR=5.9						
JOW	Kunigami	5.03 215	P	Pn	19 44 32.4	-0.5
22nm,0.3s,baz=71,slow=13,SNR=252						
JOW			S	Pn	19 45 27.0	-2.8
KSRS	Korea Array	7.06 336	P	Pn	19 45 01.2	+0.4
15nm,0.2s,baz=133,slow=27,SNR=6.0						
54nm,0.3s						
JHJ	Hanjojima 2	7.35 71	P	Pn	19 45 05.7	+0.9
15nm,0.3s,baz=271,slow=23,SNR=9.3						
JCJ	Chichijima	10.15 110	LR	LR	19 46 53.4	
0.2nm,0.3s,baz=166,slow=8.9,SNR=4.2						
KLR	Kuldur	18.19 1	P	P	19 47 29.0	+0.2
1.0nm,0.5s,baz=166,slow=8.9,SNR=4.2						
CMAR	Chiang Mai Arr	31.97 255	P	P	19 49 41.6	-0.2
0.7nm,0.6s,baz=53,slow=7,SNR=8.9						
H1N2	WAKE ISLAND Hy	33.78 101	T	T	20 25 49.1	
baza=296,slow=75,SNR=52						
H1N1	WAKE ISLAND Hy	33.78 101	T	T	20 25 50.3	
baza=296,slow=75,SNR=52						
H1N3	WAKE ISLAND Hy	33.80 101	T	T	20 25 51.7	
baza=296,slow=75,SNR=52						
H1S3	WAKE ISLAND Hy	34.17 103	T	T	20 26 28.4	
baza=302,slow=74						
H1S1	WAKE ISLAND Hy	34.17 103	T	T	20 26 35.2	
baza=302,slow=74						
H1S2	WAKE ISLAND Hy	34.19 103	T	T	20 26 32.9	
baza=302,slow=74						
MKAR	Makachini Array	40.70 307	P	P	19 50 55.5	-0.5
0.3nm,0.5s,baz=95,slow=11,SNR=3.2						
0.3nm,0.7s						
KURBB	Kurchatov Arra	43.55 312	P	P	19 51 18.3	-0.8
0.3nm,0.5s,baz=111,slow=5.9,SNR=5.5						
BVAR	Borovoye Array	48.75 315	P	P	19 51 60.0	0.0
1.0nm,0.7s,baz=83,slow=6.1,SNR=5.6						
1.0nm,0.7s						
WRA	Warramunga Arr	50.74 177	P	P	19 52 15.7	+0.3
0.7nm,0.9s,baz=354,slow=7.8,SNR=4.1						
1.0nm,0.9s						
ASAR	Alice Springs	54.42 177	P	P	19 52 42.6	0.0
0.4nm,0.7s,baz=5.5,slow=11,SNR=4.1						
0.4nm,0.7s						
ILAR	Eielson Array	58.88 30	P	P	19 53 14.1	+0.3
0.1nm,0.4s,baz=278,slow=8.9,SNR=1.9						
0.1nm,0.4s						
KBZ	Khabaz	68.37 309	P	P	19 54 17.5	+0.8
0.6nm,0.5s,baz=72,slow=3.2,SNR=2.5						
0.6nm,0.5s						
FINES	FINES Array B	70.12 330	P	P	19 54 26.2	-0.9
0.6nm,0.6s,baz=64,slow=5.9,SNR=6.7						
0.6nm,0.6s						
BRTR	Breskinn Array B	76.34 308	P	P	19 55 04.6	+0.1
0.5nm,0.7s,baz=100,slow=7.5,SNR=3.7						
0.5nm,0.7s						

PDG	Podgorica	1.00 350	JP	Pb	20 22 06.6	+0.3
PDG			US	Pb	20 22 11.1	+1.1
OHR	Ohrid	1.04 108	JP	Sb	20 22 05.4	-1.3
OHR			eS	Sg	20 22 21.4	+0.4
OHR	comp=N,348nm,0.8s		US	Sg	20 22 22.3	
OHR	comp=E,322nm,0.5s		eLg	Lg	20 22 24.0	
CEME	Cevo	1.18 339	JP	Pn	20 22 09.2	+0.3
CEST			US	Pn	20 22 27.6	+2.4
PVY	Plav	1.20 177	JP	Pn	20 22 08.7	+0.5
PVY			US	Pn	20 22 28.1	+2.0
HCY	Herceg Novi	1.25 324	JP	Pn	20 22 10.5	+0.7
HCY			eSg	Pn	20 22 28.6	+1.1
HCY	Herceg Novi	1.25 324	JP	Pn	20 22 10.4	+0.7
HCY			US	Pn	20 22 29.7	+2.2
KBN	Korca	1.28 129	S	Pb	20 22 11.5	+0.5
KBN			S	Pb	20 22 30.0	+1.5
KBN	Korca	1.28 129	Pn	Pb	20 22 11.6	+0.9
KBN			Sn	Pb	20 22 27.9	+0.9
NKME	Niksic	1.38 343	JP	Pn	20 22 12.8	+0.3
NKME			US	Pn	20 22 33.7	+1.3
KOME	Kolasin	1.41 11	JP	Pb	20 22 13.3	+0.4
KOME			US	Pb	20 22 33.7	+1.1
IVA	Berane	1.46 121	JP	Pb	20 22 13.5	+0.8
IVA			US	Pb	20 22 35.9	+1.6
TREB	Trebinje	1.53 327	JP	Pn	20 22 14.7	+1.1
TREB			US	Pn	20 22 36.0	+0.4
SKO	Skopje	1.55 69	JP	Pb	20 22 14.4	+0.5
SKO			US	Pb	20 22 35.5	+0.7
NEST	Nestorio	1.57 130	P	Pb	20 22 15.4	+1.3
NEST			S	Pb	20 22 36.6	+1.4
NEST	Nestorio	1.57 130	Pn	Pb	20 22 15.5	+1.3
NEST			AML	AML	20 22 42.1	
comp=E,1.2nm,0.3s						
SRN	Sarande	1.61 166	P	Pn	20 22 15.6	+0.9
SRN			S	Pb	20 22 37.0	+0.7
SRN	Sarande	1.61 166	JP	Pn	20 22 17.4	

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Table with columns: 1d 21h, MLR, S, Sn, 20 24 27.8 -0.5, etc. Lists various stations and their coordinates.

Table with columns: KURBB, KURBB, 48.04 310 P P, 20 58 03.6 +0.1, etc. Lists various stations and their coordinates.

Table with columns: ECPR, ECPR, 257nm,0.2s, IAML, 20 59 00.2, etc. Lists various stations and their coordinates.

ICD 01 20:49:23.7±0.7, 34°13'N, 141°60'E, h0km, mb3.9/16, m1mp3.9/19, ML3.4/3, MS3.4/5, Error ellipse: s-maj=18.8km s-min=15.3km az=97.0

ICD 01 20:58:32.9±1.1, 17°93'N, 102°02'14.0"E, h10km, 1km, ML2.4/15, MD3.0/10(RSPR), Error ellipse: s-maj=5.0km s-min=2.5km az=37.0

ICD 01 21:33:04.2±1.6, 53°12'N, 167°07'W, h26km, 7km, Error ellipse: s-maj=12.4km s-min=4.3km az=172.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC, etc. Lists station data for BSO1 to MJAR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC, etc. Lists station data for KURBB, KURBB, 48.04 310 P P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC, etc. Lists station data for ECPR, ECPR, 257nm,0.2s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC, etc. Lists station data for MJAR, MJAR, 0.8nm,0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC, etc. Lists station data for KURBB, KURBB, 48.04 310 P P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC, etc. Lists station data for ECPR, ECPR, 257nm,0.2s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC, etc. Lists station data for MAJ0, MAJ0, Matsushiro, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC, etc. Lists station data for KURBB, KURBB, 48.04 310 P P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC, etc. Lists station data for ECPR, ECPR, 257nm,0.2s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC, etc. Lists station data for CMAR, CMAR, Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC, etc. Lists station data for KURBB, KURBB, 48.04 310 P P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s ISC, etc. Lists station data for ECPR, ECPR, 257nm,0.2s, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, BRTR Keskin Array B, BRTR Keskin Array B, H03N2 Juan Fernandez, H03N1 Juan Fernandez, H03N3 Juan Fernandez.

IDC 01 21:49:44.0, 2.9, 29.38S, 138.18E, h0km, mbtmp3.3/4, ML3.2/4, Error ellipse: s-maj=68.3km s-min=15.3km az=50.0

NOU 01 21:49:44.3, 29.55S, 137.99E, h0km, MLV3.9/10, South Australia

AUST 01 21:49:46.0, 0.3, 30.2, 2.13, h10km, ML3.0/16, Error ellipse: s-maj=7.2km s-min=3.9km az=63.9

ISC 01 21:49:44.8, 0.8, 29.49AS, 0.04, 138.01E, 0.04, h10km, n31, r132/41, South Australia

Main table section 1 with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like LCRK Leigh Creek, YAPP Yappala Statio, OOD Oodnadatta, INKA Innamincka, MULG Mulgathing, NAPP Napperby, BBOO Buckleboole, BBOO Buckleboole, STKA Stephens Creek, KELC Kelly Hill Cav, AS19 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, CMSA Cobar Meteorol, CMSA Cobar Meteorol, ARPS Mount Arapiles, FORF Forrest, QIS Mount Isa, QIS Mount Isa, WRKA Warramunga Arr, WRA Warramunga Arr, WRAB Tennant Creek, FITZ Fitzroy Crossi, FITZ Fitzroy Crossi.

IDC 01 21:50:59.3, 1.1, 59.36S, 27.43W, h0km, mb.0/4, mbtmp4.0/5, ML3.6/1, MS3.3/1, Error ellipse: s-maj=45.2km s-min=27.2km az=69.0

ISC 01 21:51:00.6, 0.9, 59.4S, 0.2, 27.4W, 0.3, h10km, n18, r0571/10, mb.0/0.3, 3C, South Sandwich Islands region

Main table section 2 with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like VN1 Neumayer-Stat, SNA3 Neumayer Olymp, SNA3 Neumayer Olymp, SNA3 Neumayer Olymp, TROLL Troll, GSPA South Pole Qui, CPUP Villa Florida, H04S2 CROZET ISLANDS, H04S3 CROZET ISLANDS, H04S1 CROZET ISLANDS, H10S2 ASCENSION HYDR51, H10S3 ASCENSION HYDR51, LPAZ La Paz, H10N1 ASCENSION HYDR52, H10N3 ASCENSION HYDR52, H10N2 ASCENSION HYDR52, TORD Torodi Arr, YKA Yellowknife Ar, YKA Yellowknife Ar, IBND Bandar-abas.

IDC 01 21:51:06.0, 1.1, 27.38N, 56.66E, h0km, mb3.7/18, mbtmp3.7/23, ML3.3/5, MS2.7/1, Error ellipse: s-maj=24.2km s-min=16.9km az=177.0

DSN 01 21:51:08.5, 0.7, 27.64N, 56.78E, h10km, ML3.6/16, Error ellipse: s-maj=12.9km s-min=6.2km az=99.0

TEH 01 21:51:09.9, 27.49N, 56.72E, h20km, 13km, ML3.8, Presumed earthquake

OMAN 01 21:51:10.0, 1.2, 27.49N, 56.74E, h13km, mb3.8/3, m4.0/25, Error ellipse: s-maj=11.2km s-min=6.2km az=29.0

ISC 01 21:51:09.6, 0.5, 27.54N, 0.03, 56.71E, 0.03, h18km, n101, r167/116, mb3.7/15, Southern Iran

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like IBND Bandar-abas.

Main table section 3 with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like GENO Geno, KHNJ Kahnjoog, SHME Shamem, SHME Shamem, SHME Shamem, SHME Shamem, BANOM Banah, BANOM Banah, BANOM Banah, BANOM Banah, JASK Jask - Hormozg, NGRK Negar Kerman, KBAN Kaban, MASF Masafi, UMUQ Umm Al-Quwin, MSFE Esma-Masafi, MDH Madha, MDH Madha, CHMH Cheshme madani, UOSS Nazaf, NAZZ Nazwa, NAZZ Nazwa, NAZZ Nazwa, HATD Hatta, HATD Hatta, HATD Hatta, KHGB Koh Gabri, ASHIYAH Ashiyah, ASHO Ashiyah, FAQ Al Faqa, FAQ Al Faqa, FAQ Al Faqa, KRMI Kerman Provinc, KHLI Khatir Fara, ASUD Ashush, ASUD Ashush, LMD1 Lamerd, AJN Ajan, AJN Ajan, QIRI Qiri, SOHO Soho, ALNE Al Ain, ALNE Al Ain, CHBR Chabahar, HOQ Hoqan, HOQ Hoqan, HOQ Hoqan, IBAF Bafgh, ARQ Araki, ARQ Araki, BIDO Bidbid, BIDO Bidbid, IMEH Mehriz, JRN Garnain Island, JRN Garnain Island, NGCH Negor - Chabah, MZWR Madinat Zayed, WSWR Wadi Sadr, SMDO Samad, SMDO Samad, TAFT Taft - Yazd, TAFT Taft - Yazd, BSY Nehbandan, NHDN Nehbandan, GSRN Dasht, GSRN Dasht, GHWR Ruwais, UMZA Um Al Zommoq, SRVN Saravan, IKOD Kooshah, WBK Wadi Bani Khal, WBK Wadi Bani Khal, WBK Wadi Bani Khal, MZR Muzera, MZR Muzera, MZR Muzera, KLANJ Kolanjah, SLWR Slwrr, SLWR Slwrr, JLJN Jelan Bani Buh, IGAR Garhneh, IBRJ Brojen, MHTO MHTO, DQM DQM, DOK Doka, SHAO Shalim, DMTO DMTO, WFTO Wadi Hawf, RBK Rabok, ABTO Aybut, RAYN Rayn, GNI Ganni, WFTO Wadi Hawf, RBK Rabok, ABTO Aybut, RAYN Rayn, GNI Ganni, ASF Jabal Asfar, MMAI Mount Meron Arr, EIL Elat, KBZ Khabaz, KVAR Kislovodsk Arr, AAK Ala-Archa, BRTR Keskin Array B, AKTO Akto, BVAR Borovye Array, MKAR Makanchi Array, ARTI Arti, AKASA Halin Ray Be, ZALV Zalesovo Beam, GERES Geres Array B, FINES Finness Array B.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like HFS Hagfors, NB2 NORSAR Subarra, NOA NORSAR Array B, EKA Eskdalemuir Arr, ESDC Sonseca Array, TORD Torodi Arr, WRA Warramunga Arr, YKA Yellowknife Ar, ASAR Alice Springs.

SJA 01 22:04:39.9, 0.7, 35.02S, 69.52W, h193km, 6km, ML3.3, MW3.6

IDC 01 22:04:01.0, 1.5, 34.98S, 69.40W, h168km, 16km, mb3.3/5, mbtmp3.9/9, MS3.5/1, Error ellipse: s-maj=44.0km s-min=12.0km az=93.0

NEIC 01 22:04:41.5, 1.2, 35.01S, 0.02, 69.6W, 0.1, h177km, 7km, mb4.1/8, Error ellipse: s-maj=14.6km s-min=3.4km

ISC 01 22:04:41.6, 0.7, 34.99S, 0.03, 69.46W, 0.05, h180km, 6km, n92, r1338/107, mb.0/8, 3C, Chile-Argentina border region

Main table section 4 with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like EDS3 Malargue, BO02 Sierra Bellavi, BO02 Sierra Bellavi, BO02 Sierra Bellavi, BO04 La Punta, BO01 Tunca, BO01 Tunca, BO01 Tunca, MT08 Bocatomora, MT08 Bocatomora, MT04 Ro Olivares, AVIZ Vizcachas, MT03 Universidad Ad, MT03 Universidad Ad, MT09 Talagante, ML02 Panimavida, ML02 Panimavida, ML02 Panimavida, MT16 CCHEN, MT16 Popeta, MT16 Popeta, MT05 Renca, MT05 Renca, AAGR Agrelo, AAGR Agrelo, GO05 Hualane, GO05 Hualane, GO05 Hualane, PEL Peldehue, PEL Peldehue, PEL Peldehue, ARCO CERRO ARCO, ARCO CERRO ARCO, MT02 Curacav, MT02 Curacav, MT02 Curacav, BI02 San Fabin de, BI02 San Fabin de, VA03 San Esteban, VA03 San Esteban, VA03 San Esteban, ASAL Salagasta, VA01 Torpederas, VA01 Torpederas, VA06 Catapilco, CANA Caviahue, CANA Caviahue, RTLS Leoncito, CO04 Los Peladeros, ACAN Cantanilla, ACAN Cantanilla, ZON Zonda, ZON Zonda, ZON Zonda, AVFE Valle Fertil, ACVD Cuesta Vieja, ACVD Cuesta Vieja, GO06 Curarehue, GO06 Curarehue, GO06 Curarehue, GO04 Tololo Observa, GO04 Tololo Observa, CO01 Juntas del Tor, CO01 Juntas del Tor, CO01 Juntas del Tor, CO05 La Serena, PLCA Paso Flores.

Table with columns: Code, Station Name, Az, El, Op, Pn, Sg, Res, h, m, s, ISC. Includes stations like KKB Krupnik, PVO Paravola, NYDR Nydri-Lefkada, etc.

Table with columns: Code, Station Name, Az, El, Op, Pn, Sg, Res, h, m, s, ISC. Includes stations like MOTA Moosalm, FETA Feichten, RETA Reutte, etc.

Table with columns: Code, Station Name, Az, El, Op, Pn, Sg, Res, h, m, s, ISC. Includes stations like KIAA Kiato, TETR Tetrakomo, MAKRA Makrakomi, etc.

IDC 01 23:20:06.8; 1.2, 3.7; 74N; 20.76E, h0km, mb3.4/10, mbtmp3.3/14, ML3.2/3, Error ellipse: s-maj=2.4, 5km s-min=18.1km az=151.0, THE 01 23:20:09.2, 38'N; 1'x'2'E1, h3km, 2km, M3, 3/28, MLh3, 3/28, ATH 01 23:20:09.4, 37'65N; 20.54E, h9km, 1km, ML3.5/37, Latitude uncertainty: 1 km; Longitude uncertainty: 1 km, ISC 01 23:20:09.6, 0.9, 37.65N; 20.53E, 0.03, h17km, 6km, n15, e09/60/26, Turkey

AFAD 01 23:31:50.6, 38'49N; 39'30E, h7km, 4km, ML2.5, ISC 01 23:31:50.1, 38'52N; 39'34E, h11km, 2km, ML2.4/7, ISC 01 23:31:50.7, 0.9, 38.51N; 0.03, 39.33E; 0.03, h12km, 6km, n15, e09/60/26, Turkey

Table with columns: Code, Station Name, Az, El, Op, Pn, Sg, Res, h, m, s, ISC. Includes stations like ESJ Sivrice-Elazig, SVRC Sivrice-ELAZID, ELZG Elazig, etc.

MOS 01 23:31:32.5; 1.6, 34; 05N; 25.61E, h12km, mb4.4/15, Error ellipse: s-maj=6.4km s-min=3.5km az=94.5, IDC 01 23:31:33.1; 0.9, 34; 23N; 1.6; 25.62E, h0km, mb3.9/14, mbtmp3.9/24, ML3.6/9, MS3.1/16, Error ellipse: s-maj=16.3km s-min=13.3km az=10.0, NEIC 01 23:31:34.4; 2.1, 34; 17N; 0.09; 25.54E; 0.05, h10km, 2km, mb4.1/26, Error ellipse: s-maj=16.1km s-min=5.5km az=191.0, GII 01 23:31:35.2; 0.0, 33; 88N; 0.001; 25.790E; 0.001, h0km, Mw5.4, 3, confirmed, ISC 01 23:31:36.1, 34; 06N; 25.57E, h65km, ML3.3/25, MCSM 01 23:31:37.9; 1.0, 34; 1N; 8; 2; 6E; n, h24km, 5km, mb4.5, mb4.1, ML4.0, Mw(m)3.7, ATH 01 23:31:38.3; 0.6, 34; 35N; 25.63E, h10km, ML3.4/13, Latitude uncertainty: 4 km; Longitude uncertainty: 2 km, THE 01 23:31:39.0, 34; 1N; 3; 2; 6E; n, h0km, 1km, MS3.2/14, MLh3, 2/14, AFAD 01 23:31:39.0, 34; 18N; 25.62E, h35km, ML3.0, ISC 01 23:31:34.0; 0.7, 34; 12N; 0.04; 25.65E; 0.03, h11km, 4km, n15, e17/35/2, mb4.1/29, MS3.2/11, 8C-8D, Crete

SIVA	Sivas	1.13 322	P	Pg	23 51 55.2 -0.9
SIVA	Sivas	1.13 322	P	Pg	23 52 07.2 -3.6
NPS	Neapolis	1.14 358	S	Sg	23 51 54.9 -1.3
NPS	Neapolis	1.14 358	S	Sg	23 52 06.2 -4.9
NPS	Neapolis	1.14 358	S	Sg	23 51 55.3 -0.9
SIT2	Siteia	1.14 19	P	Pb	23 52 56.2 -2.8
SIT2	Siteia	1.14 19	P	Pb	23 51 56.0 -0.2
IACM	Heraklion	1.12 332	S	Sb	23 52 09.7 -1.5
IACM	Heraklion	1.12 332	S	Sb	23 51 58.2 +0.1
IDI	Anoyia	1.27 338	Pg	Pn	23 52 11.8 -2.9
IDI	Anoyia	1.27 338	Pg	Pn	23 51 57.7 -1.1
IDI	23nm,0.3s,baz=150,slow=19,SNR=36		Lg	Lg	23 52 19.3
IDI	0.3s,baz=346,slow=18,SNR=7.5		Pn	Pn	23 51 58.1 -0.7
IDI	Anoyia	1.32 332	Pn	Pn	23 51 59.5 +0.7
IDI	Anoyia	1.32 332	Pn	Pn	23 51 58.3 +0.5
IDI	Anoyia	1.32 332	Pn	Pn	23 52 13.5 -2.6
IDI	Anoyia	1.32 332	Pn	Pn	23 51 59.2 +0.4
IDI	Anoyia	1.32 332	Pn	Pn	23 52 14.5 -1.7
GVD	Gavdhos	1.48 299	Pn	Pn	23 52 00.7 -0.2
GVD	Gavdhos	1.48 299	Pn	Pn	23 52 03.0 +1.2
GVD	Gavdhos	1.48 299	Pn	Pn	23 52 22.0 +0.1
GVD	Gavdhos	1.48 299	Pn	Pn	23 52 01.5 +0.6
GVD	Gavdhos	1.48 299	Pn	Pn	23 52 21.8 -0.1
VAM	Vamos	1.75 317	P	Pn	23 52 05.5 +0.9
VAM	Vamos	1.75 317	P	Pn	23 52 28.0 +1.1
VAM	Vamos	1.75 317	P	Pn	23 52 05.5 +0.9
CHNB	Souda	1.88 317	P	Pb	23 52 08.6 -0.2
KARP	Karpathos	1.89 41	Pn	Pn	23 52 07.1 +0.5
KARP	Karpathos	1.89 41	Pn	Pn	23 52 08.5 +1.9
KARP	Karpathos	1.89 41	Pn	Pn	23 52 09.8 +0.8
KARP	Karpathos	1.89 41	Pn	Pn	23 52 09.8 +0.8
KARP	Karpathos	1.89 41	Pn	Pn	23 52 09.1 +2.5
KARP	Karpathos	1.89 41	Pn	Pn	23 52 10.8 +1.9
IMMV	Iera Moni Meta	1.91 315	Pn	Pn	23 52 08.1 +1.2
IMMV	Iera Moni Meta	1.91 315	Pn	Pn	23 52 30.4 -0.6
IMMV	Iera Moni Meta	1.91 315	Pn	Pn	23 52 09.1 -0.2
IMMV	Iera Moni Meta	1.91 315	Pn	Pn	23 52 03.0 +1.2
IMMV	Iera Moni Meta	1.91 315	Pn	Pn	23 52 09.3 0.0
CHAN	Chanía	1.92 317	Pn	Pn	23 52 09.3 -0.1
KNDR	Palaiochora Ch	2.00 304	Pn	Pn	23 52 08.9 +0.8
KNDR	Palaiochora Ch	2.00 304	Pn	Pn	23 52 32.7 -0.4
KNDR	Palaiochora Ch	2.00 304	Pn	Pn	23 52 02.0 +1.2
KNDR	Palaiochora Ch	2.00 304	Pn	Pn	23 52 34.8 +1.7
KNDR	Palaiochora Ch	2.00 304	Pn	Pn	23 52 10.2 +2.1
ThERA	Ancient Thera	2.24 356	P	Pn	23 52 13.1 +1.7
ThERA	Ancient Thera	2.24 356	P	Pn	23 52 12.8 +1.4
ThERA	Ancient Thera	2.24 356	P	Pn	23 52 13.3 +1.4
SNTS	Nea Kammeni, S	2.28 355	P	Pn	23 52 03.2 +1.7
SNTS	Nea Kammeni, S	2.28 355	P	Pn	23 52 13.8 +1.4
SAP3	Santorini-Thir	2.32 354	P	Pn	23 52 14.5 +2.0
SAP3	Santorini-Thir	2.32 354	P	Pn	23 52 18.3 +2.1
ANKY	Antikythira Is	2.60 313	P	Pn	23 52 18.8 +1.3
MHLO	Agia Marina, M	2.75 339	P	Pn	23 52 21.8 +1.2
ARG	Arkhangelos	2.91 43	Pn	Pn	23 52 22.9 +2.3
ARG	Arkhangelos	2.91 43	Pn	Pn	23 52 21.8 +1.2
ARG	Arkhangelos	2.91 43	Pn	Pn	23 52 22.6 +0.0
ARG	Arkhangelos	2.91 43	Pn	Pn	23 52 22.6 +1.5
YAZI	Mula-Daiša-	2.95 29	Pn	Pn	23 52 24.6 +2.1
DAT	Datca	3.04 31	Pn	Pn	23 52 27.4 +2.4
DAT	Datca	3.04 31	Pn	Pn	23 52 27.4 +2.4
BODT	Bodrum	3.23 24	Pn	Pn	23 52 27.3 +1.6
BODT	Bodrum	3.23 24	Pn	Pn	23 52 27.3 +1.6
BDRM	Kayabasi	3.28 26	Pn	Pn	23 52 30.0 +2.8
TURN	Turunc	3.39 38	Pn	Pn	23 51 58.1 +3.9
TURN	Turunc	3.39 38	Pn	Pn	23 53 08.8 +1.5
TURN	Turunc	3.39 38	Pn	Pn	23 52 29.0 +1.6
VLI	Veliai	3.41 320	Pn	Pn	23 52 28.6 +1.2
VLI	Veliai	3.41 320	Pn	Pn	23 52 28.6 +1.2
MLSB	Milas	3.41 320	Pn	Pn	23 52 33.8 +2.6
DALY	Dalyan (Mula)	3.64 42	Pn	Pn	23 52 33.3 +2.7
DALY	Dalyan (Mula)	3.64 42	Pn	Pn	23 53 03.3 -3.4
DALY	Dalyan (Mula)	3.64 42	Pn	Pn	23 53 14.7 +1.2
DALY	Dalyan (Mula)	3.64 42	Pn	Pn	23 53 42.0
DALY	comp=N,47nm,1.0s		IAML	IAML	23 53 46.0
YER	Yerkesik	3.69 35	Pn	Pn	23 52 34.0 +2.6
YER	Yerkesik	3.69 35	Pn	Pn	23 52 33.2 +1.8
YER	Yerkesik	3.69 35	Pn	Pn	23 52 32.0 +0.6
SMG	Samos	3.70 51	Pn	Pn	23 52 31.2 +0.3
IZZE	Mula-Seydiike	3.73 15	Pn	Pn	23 52 31.1 +1.2
IZZE	Mula-Seydiike	3.73 15	Pn	Pn	23 53 14.8 +0.9
IZZE	Mula-Seydiike	3.73 15	Pn	Pn	23 53 24.0
IZZE	Mula-Seydiike	3.73 15	Pn	Pn	23 53 29.0
IZZE	Mula-Seydiike	3.73 15	Pn	Pn	23 53 29.0
GCAM	G?zelcam?	3.79 19	Pn	Pn	23 52 35.4 +2.7
SABU	Mula-Dalaman	3.82 44	Pn	Pn	23 52 36.0 +2.9
SABU	Mula-Dalaman	3.82 44	Pn	Pn	23 53 20.1 +2.0
SABU	Mula-Dalaman	3.82 44	Pn	Pn	23 54 02.0
SABU	Mula-Dalaman	3.82 44	Pn	Pn	23 54 02.0
SABU	Mula-Dalaman	3.82 44	Pn	Pn	23 54 18.0
AKAS	Kas	3.86 56	Pn	Pn	23 52 35.8 +2.0
AKAS	Kas	3.86 56	Pn	Pn	23 52 36.6 +2.8
IMETS	Matkyloggos,Me	3.95 33	Pn	Pn	23 52 36.2 +1.2
AYDN	Tasoluk	3.97 27	Pn	Pn	23 52 37.0 +1.8
AYDN	Tasoluk	3.97 27	Pn	Pn	23 53 29.0
AYDN	Tasoluk	3.97 27	Pn	Pn	23 53 29.0
AYDN	Tasoluk	3.97 27	Pn	Pn	23 53 42.0
KARY	Karystos	4.02 346	Pn	Pn	23 52 37.0 +1.1
KARY	Karystos	4.02 346	Pn	Pn	23 52 37.0 +1.1
CAME	Cameli-Denizli	4.10 46	Pn	Pn	23 52 39.9 +2.8
ATHU	Athens Univers	4.12 339	Pn	Pn	23 52 38.8 +1.5
DNZT	Denizli-Tavas-	4.18 40	S	Sn	23 52 42.2 +1.1
DNZT	Denizli-Tavas-	4.18 40	S	Sn	23 53 30.9 +3.5
DNZT	Denizli-Tavas-	4.18 40	S	Sn	23 54 02.0
AYDB	Zeytinok-Aydi	4.22 25	Pn	Pn	23 52 41.7 +2.9
CAEL	Denizli-Camel	4.25 28	Pn	Pn	23 52 43.4 +5.3
TAVA	DENIZLI Tavas	4.26 38	P	Pn	23 52 42.9 +3.7
TAVA	DENIZLI Tavas	4.26 38	P	Pn	23 53 30.2 +1.1
TAVA	DENIZLI Tavas	4.26 38	P	Pn	23 54 11.0
TAVA	DENIZLI Tavas	4.26 38	P	Pn	23 54 43.0
CHOS	Chios island	4.27 4	Pn	Pn	23 52 42.0 +2.7
ESEN	Aydin-Nazilli	4.27 30	Pn	Pn	23 52 42.2 +3.0
ESEN	Aydin-Nazilli	4.27 30	Pn	Pn	23 53 40.0
URLA	Izmir	4.30 10	Pn	Pn	23 52 42.4 +2.7
ITM	Ithomi	4.30 316	Pn	Pn	23 52 41.6 +1.9
ELL	Elmali	4.35 52	Pn	Pn	23 52 42.5 +1.9
ELL	Elmali	4.35 52	Pn	Pn	23 52 43.4 +2.9
ELL	Elmali	4.35 52	Pn	Pn	23 52 42.5 +1.9
ELL	Elmali	4.35 52	Pn	Pn	23 52 43.9 +2.9
NAZL	Nazilli-Aydin	4.39 28	Pn	Pn	23 52 43.9 +2.9
BLCB	Balcova	4.40 14	Pn	Pn	23 52 43.9 +2.9
DNIZ	Denizli-Tavas-	4.45 37	Pn	Pn	23 52 47.3 +5.5
APMY	Acipayam-Deniz	4.47 41	Pn	Pn	23 52 44.9 +2.8
ODEM	Odemis-Izmir	4.58 25	Pn	Pn	23 52 45.9 +2.2
MANJ	Manisa	4.95 27	Pn	Pn	23 52 50.5 +1.7
KUL	Kula-Manisa	5.01 28	Pn	Pn	23 52 52.1 +2.6
DKL	Dikili	5.04 11	Pn	Pn	23 52 52.4 +2.6
GORD	Gordes-Manisa	5.19 22	Pn	Pn	23 52 54.5 +2.5
EZN	Ezine	5.72 5	Pn	Pn	23 52 58.8 -0.3
CSS	Mathiatis	6.39 80	Pn	Pn	23 53 10.3 +1.8
CSS	Mathiatis	6.39 80	Pn	Pn	23 53 08.6 +0.1
CSS	Mathiatis	6.39 80	Pn	Pn	23 54 21.1 -0.4
CSS	Mathiatis	6.39 80	Pn	Pn	23 53 11.4 +2.9
CSS	Mathiatis	6.39 80	Pn	Pn	23 53 12.8 +4.3
RDO	Rodhopi	7.01 359	Pn	Pn	23 53 18.4 +1.5
KNT	Kendrikon	7.36 344	P	Pn	23 53 24.8 +3.1
KNT	Kendrikon	7.36 344	P	Pn	23 53 24.8 +3.1
CYTL	Yalikoy Yolu	7.63 15	P	Pn	23 53 25.9 +0.5
OFRI	Ofer	7.95 98	Pn	Pn	23 53 29.2 -0.7
OFRI	Ofer	7.95 98	Pn	Pn	23 53 27.4 -2.5
KZIT	Kziot	8.05 111	P	Pn	23 53 29.8 +1.5
KZIT	Kziot	8.05 111	P	Pn	23 54 59.0 -3.3
KZIT	Kziot	8.05 111	P	Pn	23 53 31.4 +0.1
MMCT	Mount Meron ar	8.21 95	P	Pn	23 53 32.8 -0.6
AMAZ	Amatzia	8.21 106	P	Pn	23 53 32.4 +1.1
AMAZ	Amatzia	8.21 106	P	Pn	23 55 03.8 -2.5

AMAZ	Amatzia	8.21 106	P	Pn	23 53 36.2 +2.7
MMAOB	Mount Meron ar	8.21 95	P	Pn	23 53 33.0 -0.6
MMAOB	Mount Meron ar	8.21 95	P	Pn	23 53 34.8 -1.6
MMAI	Mount Meron Ar	8.21 95	P	Pn	23 53 34.8 +1.2
MMAI	Mount Meron Ar	8.21 95	P	Pn	23 55 01.0 -5.4
SALP	Salifit	8.26 102	P	Pn	23 53 33.1 -1.0
SALP	Salifit	8.26 102	P	Pn	23 55 05.2 -2.4
SALP	Salifit	8.26 102	P	Pn	23 53 36.3 +2.1
MMLI	Mount Malkishu	8.35 99	P	Pn	23 53 34.6 +0.8
GEM	Giv'at Ha'Em	8.40 93	P	Pn	23 53 35.8 -0.5
YTR	Yatir	8.44 106	P	Pn	23 55 09.2 -1.6
YTR	Yatir	8.44 106	P	Pn	23 53 35.5 -1.1
YTR	Yatir	8.44 106	P	Pn	23 55 09.2 -2.7
NATI	Neve Ativ	8.45 93	P	Pn	23 53 36.4 -0.3
NATI	Neve Ativ	8.45 93	P	Pn	23 55 10.6 -1.4
NATI	Neve Ativ	8.45 93	P	Pn	23 53 40.8 +4.1
RMNI	Mount Ramon	8.47 112	P	Pn	23 53 35.8 -1.3
RMNI	Mount Ramon	8.47 112	P	Pn	23 55 09.7 -3.1
BR104	Keskin Array S	8.48 47	P	Pn	23 53 38.6 +1.3
HMDD	Nahal Hemdat	8.49 100	P	Pn	23 53 36.6 -0.6
HMDD	Nahal Hemdat	8.49 100	P	Pn	23 55 10.4 -2.5
BR131	Keskin Array S	8.49 47	eP	Pn	23 53 40.0 +2.6
BRTR	Keskin Array B	8.49 47	eP	Pn	23 53 37.4 0.0
BRTR	Keskin Array B	8.49 47	eP	Pn	23 56 03.7
QRNJ	Al-Qirein	8.50 99	P	Pn	23 53 39.8 +2.4
UJAP	Al Uja	8.52 102	P	Pn	23 53 36.6 -1.1
UJAP	Al Uja	8.52 102	P	Pn	23 55 11.2 -2.6
UJAP	Al Uja	8.52 102	P	Pn	23 53 39.0 +1.4
KSHT	Keshet	8.56 95	P	Pn	23 53 37.6 -0.7
KSHT	Keshet	8.56 95	P	Pn	23 55 13.0 -1.9
DSI	Dead Sea	8.57 105	P	Pn	23 53 37.2 -1.2
DSI	Dead Sea	8.57 105	P	Pn	23 55 12.6 -2.5
DSI	Dead Sea	8.57 105	P	Pn	23 53 39.4 +1.0
MSBI	Mazada	8.65 106	P	Pn	23 53 38.1 -1.3
MSBI	Mazada	8.65 106	P	Pn	23 55 13.9 -2.9
KRMI	Paran Flat	8.67 115	P	Pn	23 53 38.3 -1.5
KRMI	Paran Flat	8.67 115	P	Pn	23 55 14.0 -3.5
KRMI	Paran Flat	8.67 115	P	Pn	23 53 40.0 -0.8
PRNI	Paran	8.77 113	P	Pn	23 55 39.7 -1.4
PRNI	Paran	8.77 113	P	Pn	23 55 16.7 -3.3
PRNI	Paran	8.77 113	P	Pn	23 53 43.6 +2.5
GHAJ	Ghor Haditha	8.82 106	Pn	Pn	23 53 43.7 +2.0
GHAJ	Ghor Haditha	8.82 106	Pn	Pn	23 53 40.5 -1.2
GHAJ	Ghor Haditha	8.82 106	Pn	Pn	23 55 18.2 -2.9
GHAJ	Ghor Haditha	8.82 106	Pn	Pn	23 53 43.8 +2.0
CEL	Celeste	8.90 300	Pn	Pn	23 53 43.8 +0.9
CEL	Celeste	8.90 300	Pn	Pn	23 53 43.0 +0.1
HRFI	Mount Harif	8.95 115	Pn	Pn	23 53 42.0 -1.6
HRFI	Mount Harif	8.95 115	Pn	Pn	23 55 20.9 -3.0
HRFI	Mount				

Table with columns: SV, Name, Comp, Size, Speed, Altitude, etc. Includes entries like San Ignacio, Chuzmiza, IPOC Station, Vilhena, La Paz, etc.

Table with columns: BMRM, ZLDM, ZALV, F28M, Q23K, N25K, LZH, I27K, G2A2, E28M, EYAK, H27K, G27K, HARP, SCRK, KLU, P23K, E27K, D27M, RIDG, PAXN, M24K, K24K, WHN, G26K, XAN, J25K, SCM, M23K, F26K, PRP, KNK, SEW, DHY, WATB, SML, C27K, HDA, ILAR, PMR, F25K, G25K, WAT1, RC01, E25K, C26K, POKR, KDAK, MCK, H24K, G24K, D25K, CUT, NEA2, F24K, L22K, TRF, I23K, CHIR, SKT, E24K, H23K, Q19K, S19C, P19K, C24K, MLY, G23K, E23K, TOLK, PPLA, CAST, Q18K, M19K, H22K, CHUM, I21K, D23K, C23K, R17L, P18K, etc.

Table with columns: G22K, N19K, O18K, L20K, E22K, M19K, F22K, H21K, NJ2, NJ2, K20K, P17K, L19K, CHGN, R16K, CHNA, J20K, N18K, G21K, F21K, M18K, I20K, B22K, NRIK, O17K, E21K, S14K, H20K, P16K, N17K, J19K, SDPT, B21K, L18K, C21K, O16K, A22K, M17K, F20K, H19K, E20K, GCSA, A21K, N16K, D20K, L17K, G19K, O15K, M16K, B20K, K17K, E19K, BTO2, BTO2, BTO2, F19K, N15K, H18K, L16K, D19K, J17K, FALS, G18K, O14K, C19K, F18K, H17K, N14K, J16K, HHC, I17K, L15K, A19K, G17K, E18K, M14K, K15K, C18K, UNV, L14K, E17K, H16K, M13K, G16K, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Red Dog Mine, DeLong Mountain, Noatak River, Sogingino Array, etc.

BCIP Isla Barro Col 6.41 147 P Pn 00 54 16.1 -4.4
BCIP Isla Barro Col 6.41 147 P S 00 54 19.4 -1.1
TEIG Tepich 7.30 321 P S 00 54 33.4 +0.6
OMBU Quimbuelo 9.85 54 P Pn 00 55 07.8 0.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Raoul Island, Urewera, Alice Springs, etc.

ICD 02 00:39:49.9,3.4, 41.675:88.29E,h0km,mb4.0/5,
mbtmp4.0/5,MS3.8/12,Error ellipse: s-maj=105.3km
s-min=24.1km az=130.0,Southeast Indian Ridge

Honshu
Code Station Name Az AZ Phase ID Time Res
JIKH Ishinomakikobu 0.14 286 IJ P 01 00 08.1 +0.4

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Cape Leeuwin H, Alice Springs, Fitzroy Crossi, etc.

ICD 02 01:07:34.7,0.5, 41.405:85.54W,h0km,mb4.5/13,
mbtmp4.5/15,ML4.1/2,MS4.2/34,Error ellipse:
s-maj=20.5km s-min=15.9km az=102.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Juan Fernandez, Currahue, etc.

RSNC 02 00:52:50.7,1.5, 15°N:6°8'3W, h22km, 15km, M3.5,
ML3.3

ICD 02 01:07:37.9,0.2, 41.395:01:85.75W,0'01,h12km,
MV5.1/131, Moment Tensor Solution. s65,c88;

ICD 02 01:07:37.0, 41.255:00:06.85,47W,0.06,h10km,n256,
r150/233,mb4.8/68,MS4.3/31,SD,West Chile Rise

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Bilwi Airport, Universidad Ur, Isla de Provid, etc.

ICD 02 01:07:50.7,5.7, 40°S:79°7'W,3'5,h0km,mb5.4,mb4.7,
RSNC 02 01:07:50.7,5.7, 40°S:79°7'W,3'5,h0km,mb5.4,mb4.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Juan Fernandez, Currahue, etc.

ICD 02 01:02:28.2,1.2, 30.285:177.86W,h0km,mb3.7/4,
mbtmp3.8/5,ML3.8/1, Error ellipse: s-maj=37.4km
s-min=17.5km az=101.0

ICD 02 01:02:28.2,1.2, 30.300:0.07:177.6W,0.2,h35km,2km,
mb4.7/11, Error ellipse: s-maj=23.9km s-min=10.6km
az=80.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Juan Fernandez, Currahue, etc.

MT14	Cerro Caljn	14.23	61	eP	Pn	01 10 55.6	-3.2
PEL	Peludehu	14.28	60	Pn	Pn	01 10 57.9	-1.7
MT10	Hacienda Santa R	14.30	61	eP	Pn	01 10 57.4	-2.5
MT04	Ro Olivares	14.49	62	eP	Pn	01 10 59.8	-2.6
MT08	Bocatocha Ro	14.54	63	eP	Pn	01 11 01.4	-1.8
MT08	Bocatocha Ro	14.54	63	eP	Pn	01 11 01.4	-1.8
CO04	Los Peladeros	14.81	56	eP	Pn	01 11 03.1	-3.8
CO02	Combarbal	15.37	54	P	Pn	01 11 11.7	-2.6
CO03	El Pedregal	15.82	54	P	Pn	01 11 18.1	-1.9
CO05	La Serena	16.16	50	Pn	Pn	01 11 25.3	+1.0
GO04	Tololo Observa	16.21	52	Pn	Pn	01 11 26.1	+0.6
ZON	Zonda	16.63	60	Pn	Pn	01 11 30.7	+0.7
ZON	Zonda	16.63	60	Amb	Amb	01 11 37.8	
CO01	comp-Z, 1.16nm, 1.4s						
CO01	Juntas del Tor	16.79	53	Pn	Pn	01 11 32.2	-0.5
CFA	Coronel Font	16.86	61	Pn	Pn	01 11 33.1	-0.2
CFA	comp-Z, 0.3nm, 0.3s, baz=220, slow=15, SNR=9.0						
CFA	comp-Z, 1.1um, 2.1s, baz=200, slow=33						
LCO	Las Campanas	17.15	49	Pn	Pn	01 11 35.1	-2.1
LCO	Las Campanas	17.15	49	Amb	Amb	01 11 40.9	
AC05	El Transito	17.53	50	Pn	Pn	01 11 41.8	+0.1
AC05	El Transito	17.53	50	Amb	Amb	01 11 47.2	
AC04	Llanos de Chal	17.56	47	Pn	Pn	01 11 40.1	-1.9
AC04	Llanos de Chal	17.56	47	Amb	Amb	01 11 47.1	
USHA	Ushuaia	17.66	146	LR	LR	01 18 05.4	
USHA	comp-Z, 0.95nm, 18.1s, baz=202, slow=36						
TRQA	Tornquist	18.36	88	Pn	Pn	01 11 52.2	+0.4
TRQA	Tornquist	18.36	88	Amb	Amb	01 11 59.2	
GO03	Copiapu	18.50	47	P	Pn	01 11 54.3	+0.6
AC02	Maricunga	19.70	48	Pn	Pn	01 12 07.8	-0.8
AC02	Maricunga	19.70	48	Amb	Amb	01 12 13.2	
PB05	IPOC Station P	22.39	40	P	P	01 12 35.9	+0.1
PB05	IPOC Station P	22.39	40	Amb	Amb	01 12 38.4	
PB03	IPOC Station P	23.29	39	P	P	01 12 46.8	+1.5
PB09	IPOC Station P	23.75	40	P	P	01 12 49.8	-0.1
RPN	Rapa Nui	24.15	298	LR	LR	01 19 29.5	
RPN	comp-Z, 1um, 20.5s, baz=119, slow=30						
GO01	Chumizua	25.60	38	P	Pn	01 13 07.0	-0.1
PB12	IPOC Station P	26.02	34	P	P	01 13 11.8	+1.2
PB12	IPOC Station P	26.02	34	Amb	Amb	01 13 12.1	
PB16	IPOC Station P	26.62	36	P	P	01 13 16.7	+0.1
PB16	IPOC Station P	26.62	36	Amb	Amb	01 13 18.9	
PB18	Visiviri	27.30	35	P	P	01 13 22.9	+0.4
CPUP	Villa Florida	27.57	66	P	P	01 13 23.8	-0.6
CPUP	comp-Z, 6.1nm, 0.9s, baz=232, slow=9.7, SNR=10						
CPUP	Villa Florida	27.57	66	Amb	Amb	01 13 24.6	+0.2
CPUP	Villa Florida	27.57	66	Amb	Amb	01 13 33.1	
LPAZ	La Paz	29.04	36	P	P	01 13 39.4	+1.2
LPAZ	comp-Z, 6.0nm, 0.6s, baz=149, slow=4.0, SNR=9.5						
LPAZ	La Paz	29.04	36	LR	LR	01 23 11.2	
LPAZ	comp-Z, 4.54nm, 18.0s, baz=186, slow=32						
LPAZ	La Paz	29.04	36	P	P	01 13 19.8	-1.8
LPAZ	comp-Z, 1.8nm, 1.5s						
LPAZ	La Paz	29.04	36	eP	P	01 13 36.5	-1.6
BBSD	Serra de San D	32.13	49	eP	LR	01 14 04.6	-0.2
SIV	San Ignacio	32.83	47	LR	LR	01 14 04.6	-0.2
SIV	comp-Z, 6.92nm, 21.5s, baz=252, slow=35						
PTBL	Pontes e Lacer	34.36	49	Amb	Amb	01 14 24.5	+0.2
PTBL	Pontes e Lacer	34.36	49	Amb	Amb	01 14 25.0	
PTBL	Pontes e Lacer	34.36	49	eP	P	01 14 24.3	0.0
ATAH	Atahualpa	34.55	12	LR	LR	01 25 02.8	
ATAH	comp-Z, 1.1nm, 21.2s, baz=206, slow=30						
CZSB	Cruzeiro do Su	35.26	22	eP	P	01 14 31.9	-0.1
PP1B	Ponte de Pedra	35.27	57	eP	P	01 14 32.6	+0.5
VLB	Vilheña	35.80	45	eP	P	01 14 37.1	+0.3
VLB	Vilheña	35.80	45	eP	P	01 14 36.5	-0.3
SALV	Santo Antonio	36.04	54	eP	P	01 14 39.1	+0.3
CLDB	Colider	39.85	49	eP	P	01 15 11.6	+0.2
BDFB	Brasilia	41.18	63	P	P	01 15 22.5	+0.4
BDFB	Brasilia	41.18	63	LR	LR	01 32 21.7	
BDFB	Brasilia	41.18	63	LR	LR	01 32 21.7	
BDFB	Brasilia	41.18	63	Amb	Amb	01 15 21.9	-0.2
BDFB	Brasilia	41.18	63	Amb	Amb	01 15 24.8	
PAC1	Pacto Parasol	41.77	10	P	P	01 15 30.8	+3.9
PAC1	comp-Z, 2.0nm, 1.4s						
SNDB	Serra Nova Dou	41.77	56	eP	P	01 15 26.9	+0.1
OTAV	Otavalu	41.78	11	P	P	01 15 27.7	+0.3
OTAV	Otavalu	41.78	11	P	P	01 15 28.9	+1.5
OTAV	Otavalu	41.78	11	eP	P	01 15 28.8	-0.6
TEFE	Tefe	41.98	32	eP	P	01 15 28.3	-0.2
BELA	Belgrano 2	42.04	166	P	P	01 15 27.0	-1.4
PTLC	Puerto Leguiza	42.35	16	P	P	01 15 29.6	-1.9
PNGB	Novo Progresso	43.33	47	eP	P	01 15 38.8	-0.8
FLOC	Florencia	43.56	14	P	P	01 15 42.1	+0.8
MACA	Manacapuru-AM	43.99	37	P	P	01 15 44.3	-0.5
MACA	Manacapuru-AM	43.99	37	Amb	Amb	01 15 45.0	
MACA	Manacapuru-AM	43.99	37	eP	P	01 15 44.2	-0.5
RIB01	Linhares ES	44.05	74	eP	P	01 15 46.8	+1.5
ITTB	Itatuba	45.37	44	eP	P	01 15 54.9	-0.9
SDBA	SAO DESIDERIO	45.59	69	eP	P	01 15 57.9	+0.1
GUA01	Guaratininga, BA	46.24	72	eP	P	01 16 03.6	+0.9
SMTB	Santa Maria do	46.48	57	eP	P	01 16 05.2	+0.6
ROSC	El Rosal	46.99	15	P	P	01 16 09.4	+0.4
ROSC	comp-Z, 4.0nm, 0.4s, baz=263, slow=13, SNR=3.5						
ROSC	comp-Z, 1um, 21.9s, baz=203, slow=33						
VNA3	Neumayer Olymp	47.05	155	JP	P	01 16 07.7	-0.7
GUY2C	Guyana, Caldas	47.17	14	P	P	01 16 09.1	-1.3
CRPB	Parauapebas	47.21	52	eP	P	01 16 10.3	-0.1
CMC01	Camacan, BA	47.26	71	eP	P	01 16 11.2	+0.4
VNA1	Neumayer-Stat	47.55	154	JP	P	01 16 13.6	+1.3
CB0C	Ciudad Bolivar	47.68	13	P	P	01 16 13.9	-0.2
SPBC	San Pablo de B	47.83	15	P	P	01 16 15.4	+0.3
RUSC	La Rusia	48.27	17	P	P	01 16 18.6	-0.4
PTBC	PUERTO BERRIO	48.62	15	P	P	01 16 20.0	-1.2
BARC	Barichara	48.93	16	P	P	01 16 21.9	-1.9
QSPA	South Pole Qui	48.99	180	P	P	01 16 22.2	-1.4
QSPA	comp-Z, 4.8nm, 1.0s, baz=108, slow=5.2, SNR=8.7						
QSPA	comp-Z, 2.68nm, 19.1s, baz=138, slow=32						
QSPA	South Pole Qui	48.99	180	P	P	01 16 22.3	-1.4
BOAV	Boa Vista	49.02	34	P	P	01 16 24.0	-0.3
BOAV	Boa Vista	49.02	34	eP	P	01 16 22.8	-1.5
SNA4	Sanae	49.18	156	JP	P	01 16 25.3	+0.4
SNA4	comp-Z, 2.60nm, 0.8s						
SNA4	Sanae	49.18	156	P	P	01 16 23.8	-1.2
SNA4	comp-Z, 1.4nm, 0.9s, baz=242, slow=4.2, SNR=13						
SNA4	Sanae	49.18	156	P	P	01 16 25.3	+0.4
TROLL	Troll, Antarti	50.77	156	P	P	01 16 37.1	+0.1
JTS	Las Juntas de L	51.28	1	LR	LR	01 34 16.3	
SDV	Santo Domingo	51.73	19	P	P	01 16 43.9	-1.0
SDV	Santo Domingo	51.73	19	Amb	Amb	01 16 46.1	
SDV	Santo Domingo	51.73	19	eP	P	01 16 43.7	-1.2
NBPS	Pedro II - Pi	53.80	59	P	P	01 17 00.7	+0.4
Vanda	Vanda	54.70	194	P	P	01 17 03.5	-2.4
Vanda	comp-Z, 1.8nm, 1.0s, baz=129, slow=9.7, SNR=5.9						
Vnda	Vanda	54.70	194	P	P	01 17 05.2	-0.7
Vnda	comp-Z, 4.72nm, 20.2s, baz=135, slow=31						
Vnda	comp-Z, 1.8nm, 1.0s						

MDP	Montagnes des	55.03	41	LR	LR	01 39 48.4	
MDP	comp-Z, 4.24nm, 21.0s, baz=194, slow=35						
RCBR	Riachuelo	56.45	65	LR	LR	01 41 14.4	
ELIB	Princess Elisa	56.75	159	eP	P	01 17 20.7	-0.1
ELIB	comp-Z, 5.5nm, 1.0s						
CMIG	Matias Romero	58.70	349	LR	LR	01 37 24.4	
CMIG	comp-Z, 1.04nm, 21.0s, baz=178, slow=30						
PPT	Papeete	59.26	273	LR	LR	01 35 33.1	
PPT	comp-Z, 8.5nm, 21.3s, baz=131, slow=28						
SJG	San Juan	61.72	21	LR	LR	01 44 34.1	
RAR	Rarotonga	64.74	263	LR	LR	01 38 14.9	
RAR	comp-Z, 1.38nm, 21.7s, baz=109, slow=28						
MAW	Mawson	68.85	168	P	P	01 18 39.2	-2.1
MAW	comp-Z, 3.2nm, 0.9s, baz=158, slow=6.9, SNR=4.1						
MAW	comp-Z, 2.7nm, 21.7s, baz=206, slow=34						
MAW	comp-Z, 2.2nm, 0.9s						
LPIG	La Paz	68.98	336	LR	LR	01 41 36.4	
LPIG	comp-Z, 5.6nm, 18.3s, baz=198, slow=30						
HPJZ	Urewera	70.83	236	LR	P	01 18 52.7	+1.3
URJZ	Princess Elisa	72.22	343	P	P	01 41 18.1	
URJZ	comp-Z, 5.34nm, 20.6s, baz=172, slow=29						
DRIO	Del Rio	71.70	346	P	P	01 19 00.4	+1.3
TXAR	Lajitas Array	72.22	343	P	P	01 19 02.5	+0.2
TXAR	comp-Z, 4.8nm, 0.8s, baz=163, slow=8.4, SNR=35						
TXAR	Lajitas Array	72.22	343	P	P	01 19 02.8	+0.4
TX31	Lajitas Ar. Si	72.22	343	Amb	Amb	01 19 03.1	+0.8
TX31	comp-Z, 5.8nm, 0.8s						
SAND	Sanderson	72.50	345	P	P	01 19 04.5	+0.6
RAO	Raoul Island	73.07	246	LR	LR	01 43 07.0	
RAO	comp-Z, 1.60nm, 19.7s, baz=136, slow=29						
ALPN	Alpine	73.22	344	Amb	Amb	01 19 09.4	+1.1
ALPN	comp-Z, 7.8nm, 0.8s						
BRDY	Brady	73.25	348	P	P	01 19 09.6	+1.2
OZNA	Ozona	73.26	346	Amb	Amb	01 19 08.8	+0.4
OZNA	comp-Z, 1.2nm, 1.1s						
152A	Waverly Hall	73.56	1	P	P	01 19 10.9	+0.8
152A	Waverly Hall	73.56	1	Amb	Amb	01 19 30.0	
VHRN	Van Horn	73.91	343	P	P	01 19 12.2	-0.2
MNHN	Monahans	73.97	345	Amb	Amb	01 19 12.9	+0.3
MNHN	comp-Z, 8.1nm, 0.8s						
Z47A	Carrollton	74.12	358	P	P	01 19 13.7	+0.4
PLPT	Palo Pinto	74.14	349	Amb	Amb	01 19 18.0	+1.5
PLPT	comp-Z, 1.4nm, 1.0s						
MNTX	Cornudas Mount	74.88	343	P	P	01 19 18.9	+1.0
X48A	Hartselle	75.35	359	Amb	Amb	01 19 20.6	+0.2
X48A	comp-Z, 2.22nm, 1.5s						
APMT	Aspermont	75.43	347	P	P	01 19 20.2	+1.1
SWET	Seawane	76.10	360	P	P	01 19 26.4	+1.6
121A	Cookes Peak, D	76.25	341	P	P	0	

AKAS	comp=E,376nm,0.4s	IAML			01 36 20.0
AKAS		IAML			01 36 23.0
DATC	comp=N,493nm,0.3s	Pg	Pn		01 36 05.8 -0.3
DATC	comp=N,493nm,0.3s	Pg	Pn		01 36 06.2 -0.4
DAT		Sg	Sn		01 36 19.2 -0.6
YER	Yerkesik	Pg	Pn		01 36 07.5 -0.1
YER		Sg	Sn		01 36 21.5 -0.2
YER	Yerkesik	P	Pn		01 36 07.8 +0.2
YER		S	Sn		01 36 21.1 -0.6
CAME	Cameli-Denizli	Pg	Pn		01 36 08.1 +0.4
CAME		Sg	Pn		01 36 22.4 +0.6
KNIK	Mula-Seydike	P	Pn		01 36 10.1 +1.4
KNIK		S	Pn		01 36 24.8 +1.2
MULA	Mugla, Merkez-	S	Pn		01 36 08.6 +0.4
MULA		S	Pn		01 36 24.4 +0.3
MULA		IAML			01 36 28.0
KARP	comp=E,274nm,0.4s	P	Pn		01 36 10.5 +1.2
KARP	Karpathos	S	Pn		01 36 25.7 +1.1
KARP		S	Pn		01 36 10.3 +1.0
KARP		S	Pn		01 36 26.4 +1.7
KARP		AML			01 36 26.4
KARP	1.5nm,0.3s	AML			01 36 27.1
KARP	1.3nm,0.3s	AML			01 36 27.1
KARP	Karpathos	P	Pn		01 36 10.4 +1.2
KARP		S	Pn		01 36 25.7 +1.1
CAEL	Denizli, Camel	P	Pn		01 36 11.2 +1.4
CAEL		S	Pn		01 36 10.9 +0.5
DNZT	Denizli-Tavas-	P	Pn		01 36 28.7 +0.2
DNZT		S	Pn		01 36 10.3 -0.2
BODT	Bodrum-Mula	P	Pn		01 36 12.3 +1.5
ELL	Elmali	P	Pn		01 36 30.7 +3.3
ELL		AML			01 36 31.6
ELL	1.3nm,0.9s	AML			01 36 32.0
ELL	2.0nm,0.5s	AML			01 36 32.0
ELL	Elmali	P	Pn		01 36 11.8 +1.0
ELL		S	Pn		01 36 27.0 -0.5
MLSB	Milas	P	Pn		01 36 11.2 -0.2
MLSB		S	Pn		01 36 27.9 -0.5
BODT	Bodrum	Pn	Pn		01 36 11.5 -0.2
BODT		S	Pn		01 36 28.4 -0.5
BODT	Bodrum	P	Pn		01 36 12.2 +0.5
BODT		S	Pn		01 36 28.4 -0.5
TAVA	DENIZLI_Tavas	P	Pn		01 36 12.7 +0.2
TAVA		S	Pn		01 36 29.6 -0.6
AKUM	Antalya-Kumluç	P	Pn		01 36 15.1 +1.9
AKUM		S	Pn		01 36 34.0 +2.3
KLNA	Kalymnos	P	Pn		01 36 12.5 -1.0
DNIZ	Denizli-Tavas-	P	Pn		01 36 15.3 +0.4
DNIZ		S	Pn		01 36 33.7 -0.9
DNIZ		IAML			01 36 34.0
DNIZ	comp=N,394nm,0.3s	IAML			01 36 35.0
KORT	Korkueli	P	Pn		01 36 18.7 +1.9
KORT		S	Pn		01 36 40.6 +2.6
INCE	Denizli-Bozkur	P	Pn		01 36 18.1 0.0
INCE		S	Pn		01 36 40.2 -0.2
GCAMI	G7zelcamli? Zakros	Pn	Pn		01 36 18.1 0.0
ZKR	Zakros	P	Pn		01 36 18.1 0.0
SMG	Samos	P	Pn		01 36 20.6 -1.1
SIT2	Siteia	P	Pn		01 36 22.9 +1.0
KRL1	Karlovasi Samo	P	Pn		01 36 22.1 -1.4
ISP	Isparta	P	Pn		01 36 25.0 -0.4
THERA	Ancient Thera, NPS	P	Pn		01 36 26.4 +0.7
NPS	Neapolis	P	Pn		01 36 54.2 -1.7
NPS	Neapolis	S	Pn		01 36 27.3 +0.5
CHOS	Chios island	P	Pn		01 36 33.5 -0.8
EAGZ	Marmaro, Chios	P	Pn		01 36 34.9 -0.6
DKL	Dikili	P	Pn		01 36 35.9 +1.1
AKMS	Akamias	P	Pn		01 36 38.1 +0.4
AKMS		AML			01 37 15.2 -0.3
AKMS		AML			01 37 17.3
AKMS	0.2nm,0.3s	AML			01 37 19.4
AKMS	0.2nm,0.3s	AML			01 37 19.4
AKMS	Akamias	P	Pn		01 36 38.1 +0.4
OSCI	CSNet OBS 1	P	Pn		01 36 39.1 -0.4
OSCI		S	Pn		01 37 17.9 -0.9
OSCI		AML			01 37 23.2
ALFC	Alefka	P	Pn		01 36 40.0 +0.1
ALFC		AML			01 37 19.3
ALFC		S	Pn		01 37 19.6 0.0
ALFC		AML			01 37 20.6
ALFC	0.3nm,0.3s	AML			01 36 40.0 +0.1
ALFC	Alefka	P	Pn		01 36 41.8 +0.4
NATA	Nata	P	Pn		01 37 18.1 +0.3
NATA		AML			01 37 24.0
NATA	0.3nm,0.5s	AML			01 37 27.6
NATA	0.4nm,0.2s	AML			01 37 27.6
NATA	Nata	P	Pn		01 36 42.1 +0.8
PRK	Paraskevi	P	Pn		01 36 41.6 -0.9
TROD	Troodos	P	Pn		01 36 44.2 +0.4
TROD		S	Pn		01 37 25.7 -0.8
TROD		AML			01 37 30.9
TROD	0.1nm,0.3s	AML			01 37 35.0
TROD	0.1nm,0.4s	AML			01 37 35.0
KARY	Karystos	P	Pn		01 36 44.9 +0.1
KARY	Karystos	P	Pn		01 36 44.4 -0.4
APOL	The Sanctuary	P	Pn		01 37 29.9 -0.7
APOL		S	Pn		01 37 27.9 -0.7
APOL		AML			01 37 30.9
APOL	0.2nm,0.2s	AML			01 37 31.5
APOL	0.2nm,0.3s	AML			01 37 31.5
XYLS	Xyliatos	P	Pn		01 36 45.4 0.0
XYLS		S	Pn		01 37 28.9 -0.5
XYLS		AML			01 37 31.3
XYLS	0.1nm,0.3s	AML			01 37 34.3
XYLS	0.1nm,0.2s	AML			01 37 34.3
KNDR	Palaiochora Ch	P	Pn		01 36 48.6 +0.3
ASGA	Asgata	P	Pn		01 36 49.2 +0.8
ASGA		S	Pn		01 37 33.4 -1.4
ASGA		AML			01 37 36.2
ASGA	0.1nm,0.4s	AML			01 37 41.1
ASGA	0.1nm,0.2s	AML			01 36 49.2 +0.8
ASGA	Asgata	P	Pn		01 36 49.0 +0.4
CSS	Mathiatis	P	Pn		01 37 34.9 -0.2
CSS		S	Pn		01 37 34.9 -0.2
CSS		AML			01 37 40.9
CSS	0.1nm,0.4s	AML			01 37 42.4
CSS	0.1nm,0.4s	AML			01 37 42.4
CSS	Mathiatis	P	Pn		01 36 49.1 +0.6
CSS	Mathiatis	P	Pn		01 36 48.9 +0.3
CSS		S	Pn		01 37 33.2 -1.9
CSS		S	Pn		01 36 50.5 +0.6
DION	Dionisos Attik	P	Pn		01 36 50.1 0.1
DION	Dionisos Attik	P	Pn		01 36 50.3 +0.4
VLY	Voula, Athens	P	Pn		01 36 51.2 +0.9
PTL	Penteli	P	Pn		01 36 50.3 -0.1
PTL		S	Pn		01 36 51.4 +0.8
ATHU	Athens Unvers	P	Pn		01 36 50.1 0.1
ATHU	Athens Unvers	P	Pn		01 36 52.4 +1.1
ATH	Athens Observa	P	Pn		01 36 51.5 +0.2
OSCI	CSNet OBS 4	P	Pn		01 37 40.4 0.0
OSCI		AML			01 37 43.8
OSCI		AML			01 37 52.9
OSCI	0.1nm,0.8s	AML			01 36 51.6 0.0
MVOU	Mavrovouni	P	Pn		01 37 40.2 -0.3
MVOU		S	Pn		01 37 45.1
MVOU		AML			01 37 45.2
MVOU	0.1nm,0.4s	AML			01 37 45.2
MVOU	Mavrovouni	P	Pn		01 36 52.0 +0.4
VLI	Veliai	P	Pn		01 36 55.5 +0.6
WILL	Villia	P	Pn		01 36 57.5 -1.0
EFIO	Efpalio	P	Pn		01 37 12.0 -0.9
OFFR	Ofer	P	Pn		01 37 19.8 0.0

OFFR	Mount Meron ar	6.44 116	P	Pn	01 38 28.9 -2.3
MMCT	Mount Meron ar	6.44 116	P	Pn	01 37 21.1 +0.1
MMA0B	Mount Meron ar	6.45 116	P	Pn	01 37 21.3 +0.2
MMA0B			P	Pn	01 38 31.1 -2.3
GEM	Giv'at Ha'Em	6.55 114	P	Pn	01 37 22.5 +0.2
GEM			P	Pn	01 38 33.2 +2.5
GEM	Giv'at Ha'Em	6.55 114	P	Pn	01 38 32.1 -3.6
KSHT	Keshet	6.76 115	P	Pn	01 37 25.3 -0.1
KSHT			P	Pn	01 38 38.6 -2.5
MMLI	Mount Malkishu	6.77 120	P	Pn	01 37 25.5 +0.1
MMLI			P	Pn	01 37 25.5 +0.1
KALP	Salfit	6.83 124	P	Pn	01 38 38.9 -2.3
SALP	Salp	6.83 124	P	Pn	01 38 38.9 -2.3
SALP	Salp	6.83 124	P	Pn	01 38 40.9 -1.7
SALP	Salp	6.83 124	P	Pn	01 38 45.8 +3.2
HMDT	Nahal Hemdat	6.95 121	P	Pn	01 37 28.1 +0.2
HMDT			P	Pn	01 38 53.1 -2.5
AMAZ	Amatzia	6.99 128	P	Pn	01 37 28.0 -0.1
AMAZ			P	Pn	01 38 44.1 -2.4
UJAP	Al Uja	7.08 123	P	Pn	01 37 29.6 -0.1
UJAP			P	Pn	01 38 46.9 -1.8
KZIT	Kziot	7.11 135	P	Pn	01 37 30.2 +0.1
KZIT			P	Pn	01 38 47.4 -2.3
YTR	Yatir	7.23 129	P	Pn	01 37 31.4 -0.4
YTR			P	Pn	01 38 50.6 -1.9
DSI	Dead Sea	7.26 126	P	Pn	01 37 32.1 -0.1
DSI			P	Pn	01 38 50.9 -2.4
DSI	Dead Sea	7.26 126	P	Pn	01 38 54.9 +1.6
MSBI	Mazada	7.42 128	P	Pn	01 37 33.6 -0.7
MSBI			P	Pn	01 38 54.4 -2.6
GHAJ	Ghor Haditha	7.56 127	P	Pn	01 37 35.8 -0.3
GHAJ			P	Pn	01 38 58.3 +0.5
PRNI	Paran	7.88 134	P	Pn	01 37 40.0 -0.6
PRNI			P	Pn	01 39 06.2 -2.2
PRNI	Paran	7.88 134	P	Pn	01 39 06.7 -1.7
PRNI	Paran	7.88 134	P	Pn	01 37 40.8 -0.1
PRNI	Paran Flat	7.89 137	P	Pn	01 39 06.4 -2.4
PRNI			P	Pn	01 37 44.2 +0.1
PRNI	Mount Harif	8.13 136	P	Pn	01 39 12.7 -2.0
PRNI			P	Pn	01 39 12.6 -2.0
PRNI	Mount Harif	8.13 136	P	Pn	01 39 12.6 -2.0
PRNI			P	Pn	01 37 47.3 -0.1
PRNI	Eilat	8.36 138	P	Pn	01 39 17.9 -2.4
PRNI	Eilat	8.36 138	P	Pn	01 39 17.4 -2.9

BJI 02 01:44:05.8,23'43N,98'36E, h10km, mB4.5/7, mb4.3/26, ML4.3/5, Ms4.0/24, Ms7.3/723
 BKK 02 01:44:06.0,0.3,24' N x 99° E, h10km, mB4.8/20, mS5.0/14, Mms4.4/934, MLV5.4/18, Mw(mB)4.3/14, Mw(mB)2.8/1, Mw(p)3.6/1
 IDC 02 01:44:06.5,0.7,23'66N,98'34E, h0km, mb3.8/17, mbmp3.8/18, ML3.8/1, MS3.5/11, Error ellipse: s-maj=26.9km s-min=13.6km az=63.0
 NEIC 02 01:44:08.0,7.23'78N,0'09.984E,0'1, h14km,4km, mB4.6/24, Error ellipse: s-maj=16.8km s-min=8.4km az=49.0
 ISC 02 01:44:08.1,0.5,23'55N,0'05.9836E,0'03, h10km, n98, c=2900/83, mb4.3/33, MS3.3/13, 1D, Myanmar-China

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
TNCH	TengChong	1.48 6	Pg	h m s	ISC
TNCH			Sg	01 44 31.7 -3.3	
TNCH			smax	01 44 47.8 -6.7	
TNCH	comp=N,35um,0.3s		smax		
TNCH	comp=N,27um,0.5s		smax		
CMAI	Chiangmai2	3.66 170	P	Pb	01 45 09.5 -3.5
MORE	Moreh	3.77 181	P	Pb	01 45 07.8 +1.2
PZH	PanZhiHua	4.25 46	Pg	Pn	01 45 03.3 +0.5
PZH			Sg	Pn	01 46 04.8 +2.0
PZH			Sg	Pn	01 46 20.1 -4.5
PZH			smax	smax	
PZH	comp=N,280nm,1.1s		smax	smax	
PZH	comp=E,310nm,1.0s		LR	LR	
PZH	comp=E,1um,6.6s		LR	LR	
PZH	comp=Z,710nm,11.4s		LR	LR	
KMI2	Kunming	4.31 67	Pg	Pg	01 45 27.9 -2.8
KMI2			Pg	Pb	01 45 33.7 +1.0
KMI2			S	Sb	01 46 19.3 +3.1
KMI2	comp=N,920nm,1.2s		smax	smax	
KMI2	comp=N,730nm,1.4s		smax	smax	
KMI2	comp=N,5um,6.6s		LR	LR	
KMI2	comp=N,2um,6.8s		LR	LR	
KMI2	comp=Z,780nm,6.5s		LR	LR	
KOHI	KOHHIA	4.43 300	eP	Pb	01 45 24.8 -1.3
KOHI			eS	Sb	01 46 20.2 +0.5
KOHI			IAML		01 46 46.6
KOHI	comp=E,515nm,1.2s		IAML		01 46 47.2
MOKO	MOKOCHONG	4.45 309	eP	Pb	01 45 20.1 -6.3
MOKO			eS	Sb	01 46 15.9 -4.3
MOKO			IAML		01 46 34.6
MOKO	comp=N,344nm,1.1s		IAML		01 46 43.1
MOKO	comp=N,382nm,1.2				

2d 2h

I04A	comp=Z,17nm,0.9s	I	Amb	I	Amb	02 16 47.7
CRQE	Cirque baz=22	88.18	21	P	P	02 16 45.1 -0.5
H19K	Roundabout Mou baz=212,SNR=7.5	88.19	13	P	P	02 16 45.0 -0.3
GSC	Goldstone, Bar	88.25	52	P	P	02 16 46.9 +0.3
GSC	comp=Z,40nm,1.5s			I	Amb	02 16 48.6
LHV	Little Huntton	88.28	49	P	P	02 16 46.5 +0.1
LHV	comp=Z,44nm,1.2s			I	Amb	02 16 48.9
DSP	Deep Springs	88.28	49	I	Amb	02 16 46.8 +0.4
DSP	comp=Z,28nm,1.1s			P	P	02 16 48.8
N25K	Chitina, Valde baz=223	88.30	20	P	P	02 16 45.9 -0.2
PAHR	Pah Rah Range	88.30	47	I	Amb	02 16 47.2 +0.5
PAHR	comp=Z,51nm,1.3s			P	P	02 16 48.8
F18K	Selawik baz=209,SNR=8.8	88.45	12	P	P	02 16 46.1 -0.4
E17K	Hotnam Inlet baz=20	88.48	11	P	P	02 16 46.9 +0.2
QSM	Queen of Sheba	88.48	51	P	P	02 16 47.5 0.0
QSM	comp=Z,37nm,1.2s			I	Amb	02 16 50.0
H20K	Antoleneega Mo baz=213,SNR=7.7	88.51	14	P	P	02 16 47.0 +0.1
DHY	Denali Highway baz=220	88.54	18	P	P	02 16 46.8 -0.4
GRAC	Grapevine Rang	88.55	50	P	P	02 16 48.0 +0.1
G19K	Purcell Mouna baz=227nm,1.4s	88.58	13	I	Amb	02 16 49.7
G19K	Purcell Mouna baz=211,SNR=10	88.58	13	P	P	02 16 47.5 +0.3
BC3	Big Chuckawall BC3	88.59	54	P	P	02 16 48.8 +0.6
BC3	comp=Z,49nm,1.4s			I	Amb	02 16 50.6
MCK	McKinley baz=219	88.60	17	P	P	02 16 47.5 +0.1
CRAG	Craig baz=203	88.64	29	P	P	02 16 47.3 -0.4
K05A	Summer Lake	88.65	44	P	P	02 16 48.9 +0.5
MCARA	McCarthy VSAT baz=224	88.66	21	P	P	02 16 47.4 -0.3
SIT	Sitka baz=231	88.66	27	P	P	02 16 47.6 -0.1
WIFE	Three Sisters-	88.68	42	P	P	02 16 48.7 +0.3
FURC	Furnace Creek, PINM	88.70	51	P	P	02 16 49.1 +0.7
FURC	Pinnacle baz=227	88.72	23	P	P	02 16 47.7 -0.4
GWY	Greenwater Val comp=Z,39nm,1.2s	88.72	51	I	Amb	02 16 50.6
TROLL	Troll, Antari	88.75	184	P	P	02 16 47.6 -0.7
D17K	Noatak River baz=206	88.82	10	P	P	02 16 48.4 +0.1
S31K	Pelican baz=230	88.86	26	P	P	02 16 47.9 -0.7
I21K	Tanana baz=216	88.95	15	P	P	02 16 49.0 +0.1
C16K	Lisburne Hills baz=204	88.98	9	P	P	02 16 48.7 -0.3
E18K	Tukpahlearik C baz=208	89.00	11	P	P	02 16 49.2 +0.1
PAX	Paxson baz=222	89.03	19	P	P	02 16 49.1 -0.4
NLWA	Neilton Lookou comp=Z,36nm,1.2s	89.03	39	I	Amb	02 16 52.3
U33K	Whale Pass baz=233	89.03	28	P	P	02 16 49.1 -0.4
TPH	Tonopah comp=Z,45nm,1.3s	89.11	49	I	Amb	02 16 52.7
I05D	Terrebonne, OR comp=Z,35nm,1.2s	89.11	42	I	Amb	02 16 52.5
H21K	Melozitna Rive baz=215	89.14	15	P	P	02 16 48.5 -1.3
MLY	Manley baz=217	89.14	16	P	P	02 16 48.6 -1.3
RDOG	Red Dog Mine baz=206	89.17	10	P	P	02 16 49.0 -0.9
O28M	Mount Upton baz=227	89.21	22	P	P	02 16 48.9 -1.7
S32K	Killisteo baz=232	89.23	27	P	P	02 16 49.2 -1.2
NEA2	Nenana baz=219	89.24	17	P	P	02 16 49.3 -1.0
V35K	Ketchikan baz=234	89.25	29	P	P	02 16 48.7 -1.8
MTPC	Mountain Pass comp=Z,22nm,1.1s	89.26	52	I	Amb	02 16 53.4
SLBS	Sierra La Lagu PIX	89.28	65	P	P	02 16 52.0 +0.4
PIX	Pinacate comp=Z,38nm,1.4s	89.31	56	I	Amb	02 16 53.3
P29M	Windy Craggy baz=229	89.35	24	P	P	02 16 50.6 -0.4
SNA4	Sanae comp=Z,7.0nm,1.0s,baz=219,slow=3.0,SNR=4.9	89.36	182	P	P	02 16 49.4 -1.7
SNA4	Sanae comp=Z,7.0nm,1.0s	89.36	182	P	P	02 16 50.6 -0.5
M26K	Nabesna, AK baz=221	89.40	20	P	P	02 16 50.1 -1.1
O29M	Mount Kennedy baz=228	89.48	23	P	P	02 16 50.7 -1.0
C17K	Delong Mountai baz=206	89.50	10	P	P	02 16 50.4 -1.1
113A	Mohawk Valley, comp=Z,40nm,1.4s	89.54	55	I	Amb	02 16 54.8
K24K	Donnelly Dome comp=Z,24nm,1.4s	89.56	18	I	Amb	02 16 53.7
K24K	Donnelly Dome baz=222	89.56	18	P	P	02 16 50.8 -1.1
CLRS	Cowichan Lake comp=Z,35nm,1.3s	89.59	37	I	Amb	02 16 54.5
I23K	Minto, Yukon-K baz=212	89.60	16	P	P	02 16 51.3 -0.6
F20K	Avaraart Lake baz=213	89.64	13	P	P	02 16 52.1 0.0
E19K	Redstone River baz=211,SNR=5.8	89.68	12	P	P	02 16 51.9 -0.4
H22K	Ishlitalna Cre baz=217	89.68	15	P	P	02 16 51.8 -0.6
G21K	Allakaket baz=215	89.68	14	P	P	02 16 51.6 -0.8
HDA	Harding Lake baz=221	89.68	17	P	P	02 16 51.6 -0.8
YUK8	Steele Glacier baz=227	89.71	22	P	P	02 16 51.8 -1.1
M27K	Edge Creek, AK baz=225	89.73	20	P	P	02 16 51.9 -0.9
L26K	Log Cabin Wild baz=224	89.73	20	P	P	02 16 51.9 -0.8
R32K	Eaglecrest baz=229	89.76	26	P	P	02 16 52.3 -0.5
PLBC	Pleasant Camp baz=230	89.76	24	P	P	02 16 52.5 -0.4
COLA	College comp=Z,31nm,1.2s	89.79	17	P	P	02 16 53.5 +0.7
COLA	College comp=Z,2.2nm,0.6s,baz=234,slow=5.2,SNR=21	89.79	17	P	P	02 16 52.5 -0.3
RIDG	Independent Ri baz=223	89.80	19	P	P	02 16 52.4 -0.6
YUK3	Moose Creek comp=Z,31nm,1.2s	89.81	21	P	P	02 16 52.5 -0.8
VNA3	Neumayer Olymp comp=Z,1.2nm,0.7s	89.95	180	PP	PP	02 16 53.0 -0.8
SHPR	Sheep Range comp=Z,35nm,1.4s	89.96	51	I	Amb	02 16 57.0
P30M	Million Dollar baz=230	89.97	42	P	P	02 16 53.3 -0.6
G06A	Carlson Farm, comp=Z,33nm,1.2s	89.97	42	I	Amb	02 16 56.1
ILAR	Eielsen Array comp=Z,2.2nm,0.6s,baz=234,slow=5.2,SNR=21	89.98	17	P	P	02 16 52.1 -1.6
ILAR	Eielsen Array comp=Z,2.2nm,0.6s	89.98	17	P	P	02 16 52.4 -1.3
YUK6	Outpost Mounta baz=228	89.98	23	P	P	02 16 53.7 -0.4
C18K	Utukok River baz=208	89.99	10	P	P	02 16 53.8 0.0
BRWY	Burwash Landin baz=228	90.03	22	P	P	02 16 53.8 -0.3
H23K	Yukon River baz=218	90.08	16	P	P	02 16 53.3 -0.5
POKR	Poker Plat Res baz=223	90.09	17	P	P	02 16 54.0 -0.3
BVCY	Beaver Creek baz=226	90.11	21	P	P	02 16 54.2 -0.3
YUK4	Talbot Arm	90.15	22	P	P	02 16 55.1 +0.2

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I07A	zee comp=Z,42nm,1.3s	90.17	43	I	Amb	I	Amb	02 16 57.5
SKAG	Skagway comp=Z,42nm,1.3s	90.17	25	P	P	P	P	02 16 54.6 -0.1
HYT	Haines Junctio baz=229	90.22	23	P	P	P	P	02 16 54.9 -0.2
SCRK	Sand Creek baz=223	90.23	19	P	P	P	P	02 16 55.0 -0.1
L27K	Beaver Creek, baz=225	90.25	20	P	P	P	P	02 16 55.4 +0.3
F21K	Alatna River comp=Z,24nm,1.8s	90.27	14	I	Amb	I	Amb	02 16 56.3
F21K	Alatna River comp=Z,215,SNR=5.5	90.27	14	P	P	P	P	02 16 55.1 0.0
J25K	Salcha River	90.29	18	P	P	P	P	02 16 54.7 -0.6
U35K	Hyder baz=225	90.33	29	P	P	P	P	02 16 55.1 -0.5
W13A	Hualapai Mount comp=Z,37nm,1.3s	90.36	53	I	Amb	I	Amb	02 16 58.7
D19K	Kuna River baz=219	90.40	11	P	P	P	P	02 16 55.7 0.0
G22K	Bettles baz=216	90.47	14	P	P	P	P	02 16 55.8 -0.2
J08A	Circle Bar Ran comp=Z,36nm,1.2s	90.52	44	I	Amb	I	Amb	02 16 58.9
H24K	Noodor Dome baz=220	90.52	16	P	P	P	P	02 16 56.3 -0.1
VNA1	Neumayer-Stat comp=Z,9.1nm,1.0s	90.53	181	PP	PP	PP	PP	02 16 56.0 -0.4
E20K	Hig River baz=212,SNR=9.3	90.57	12	P	P	P	P	02 16 56.6 +0.1
Y14A	Wickenburg comp=Z,23nm,1.4s	90.58	54	I	Amb	I	Amb	02 16 59.5
G23K	Banzaa Creek baz=218	90.66	15	P	P	P	P	02 16 56.8 -0.2
C19K	Lookout Ridge baz=209	90.67	11	P	P	P	P	02 16 56.8 -0.1
O30N	Mendenhall baz=210	90.71	24	P	P	P	P	02 16 56.8 -0.6
N30M	Aishik Lake baz=229	90.79	23	P	P	P	P	02 16 57.1 -0.6
F22K	John River baz=216	90.80	14	P	P	P	P	02 16 57.5 0.0
MXC	Moxie City comp=Z,26nm,1.3s	90.80	40	I	Amb	I	Amb	02 16 60.0
D30M	Bob Quinn baz=235	90.83	28	P	P	P	P	02 16 57.5 -0.4
T25K	Etuk River baz=212,SNR=5.5	90.87	12	P	P	P	P	02 16 57.9 0.0
LTY	Liberty comp=Z,37nm,1.4s	90.88	40	I	Amb	I	Amb	02 17 00.1
P32M	Atlin baz=232	90.90	25	P	P	P	P	02 16 57.7 -0.5
PRP	Porcupine Dome baz=222	90.92	17	P	P	P	P	02 16 58.1 -0.2
M29M	Somme Creek baz=222	90.95	22	P	P	P	P	02 16 58.3 -0.2
S34M	Telegraph Cree comp=Z,44nm,1.4s	90.98	27	I	Amb	I	Amb	02 17 00.5
S34M	Telegraph Cree comp=Z,39nm,1.2s	90.98	27	P	P	P	P	02 16 58.4 -0.1
G08A	Pilot Rock comp=Z,39nm,1.3s	91.06	42	I	Amb	I	Amb	02 17 01.3
WHY	Whitehorse baz=201	91.11	24	P	P	P	P	02 16 58.4 -0.8
Q32M	Stakina River baz=234	91.11	26	P	P	P	P	02 16 59.4 0.0
E21K	Killik River baz=214	91.17	13	P	P	P	P	02 16 59.6 +0.3
HAWA	Harford comp=Z,40nm,1.1s	91.19	41	I	Amb	I	Amb	02 17 02.8
N31M	Braeburn, Yuko comp=Z,32nm,1.4s	91.29	23	I	Amb	I	Amb	02 17 00.8
N31M	Braeburn, Yuko comp=Z,32nm,1.4s	91.29	23	P	P	P	P	02 17 00.1 +0.1
G24K	Hadweenciz Riv baz=220	91.29	16	P	P	P	P	02 17 00.1 +0.3
E22K	Anaktuvuk Pass comp=Z,31nm,1.4s	91.39	14	I	Amb	I	Amb	02 17 02.5
E22K	Anaktuvuk Pass baz=216,SNR=9.7	91.39	14	P	P	P	P	02 17 00.2 -0.1
A19K	Wainwright baz=208	91.39	10	P	P	P	P	02 17 00.5 +0.3
L29M	L29 baz=228	91.51	21	P	P	P	P	02 17 01.1 +0.1
EPH	Ephrata comp=Z,40nm,1.5s	91.58	40	I	Amb	I	Amb	02 17 03.5
LCMT	Little Creek M comp=Z,33nm,1.3s	91.58	51	I	Amb	I	Amb	02 17 04.8
C21K	Knifeblade Rid baz=214,SNR=5.9	91.61	12	P	P	P	P	02 17 01.5 +0.2
ELK	Elko comp=Z,5.8nm,1.2s,baz=222,slow=4.9,SNR=13	91.61	47	P	P	P	P	02 17 01.7 -0.6
M30M	Minto, Yukon comp=Z,22nm,1.2s	91.62						

ARCES	ARCCESS Array B 124.94 345	PKP	PKPdf	02 22 51.9	-0.8
FINES	FINESSE Array B 130.50 338	PKP	PKPpre	02 22 57.2	0.0
FINES	comp=2.0,1nm,0.5s,baz=82,slow=2.3,SNR=24	PKP	PKP	02 26 00.1	-2.0
MNK	Minsk 134.10 330	iP	Pdf	02 20 11.2	0.0
MNK	comp=E,2.0nm,0.4s	iP	Pdf	02 20 11.2	0.0
MNK	comp=N,6.0nm,0.7s,baz=55	iP	Pdf	02 20 11.2	0.0
MNK	comp=Z,2.0nm,0.6s	iP	Pdf	02 21 16.5	+2.2
MNK	iPKP	PKPdf	02 23 10.3	-0.2	
MNK	iPP	PP	02 25 45.3	+0.9	
MNK	iPPP	PPP	02 28 42.1	0.0	
MNK	iSKS	SKS	02 29 55.0	-1.2	
MNK	iSKSdf	SKSdf	02 39 42.4	-4.5	
MNK	iSS	SS	02 43 19.6	+8.4	
MNK	iSSS	SSS	02 48 12.1	0.0	
NB2	NORSAR Subarrat135.32 345	PKP	PKPpre	02 23 04.5	0.0
NOA	NORSAR Array B 135.32 345	PKP	PKPdf	02 23 12.8	+0.2
NOA	comp=2.0,4nm,0.5s,baz=90,slow=2.0,SNR=6.5	PKP	PKP	02 23 11.5	-1.4
HFS	Hagfors 135.45 343	PKP	PKPdf	02 23 11.5	-1.4
AKASG	Malin Array Be 135.47 325	PKP	PKPdf	02 23 11.9	-1.3
AKASG	comp=2.0,3nm,0.3s,baz=53,slow=3.8,SNR=2.3	SKPbc	SKPbc	02 26 18.3	-1.1
MMAI	Mount Meron Ar 136.79 298	SKPab	SKIKP	02 26 27.1	-2.0
BRTR	keskin Array B 136.88 308	PKHKP	PKPpre	02 23 09.6	0.0
BRTR	comp=2.0,6nm,0.5s,baz=129,slow=3.4,SNR=6.0	PKP	PKPdf	02 23 16.2	-0.1
BRTR	comp=Z,0.5nm,0.5s,baz=104,slow=1.8,SNR=5.4	SKPbc	SKPbc	02 26 23.6	-0.7
MORC	Moravsky Berou 142.01 330	ePKP	PKPpre	02 23 21.0	0.0
OSTC	Ostas 142.06 332	ePKP	PKIP	02 23 26.9	-1.4
CLL	Collm 142.84 336	iPKPpre	PKPpre	02 23 22.8	0.0
CLL	comp=Z,4.0nm,0.7s	iPKP	Pdf	02 23 27.0	+0.4
CRUC	Moravsky 143.05 330	ePKP	PKP	02 26 41.0	+3.0
EKA	Eskaledmir Ar 143.34 353	PKP	PKPab	02 23 22.8	-0.2
TANN	Tannenbergrist 143.75 335	ePKPbc	PKPab	02 23 26.2	+0.3
ZVC	Zvikov 143.77 333	ePKP	PKPbc	02 23 26.3	-0.4
FRGS	Fruskog Hora 143.80 323	iP	PKPbc	02 23 26.6	-0.3
MIRG	Mirny 143.82 335	ePKPbc	PKPbc	02 23 26.5	-0.3
PLN	Plauen 143.82 335	ePKPbc	PKPbc	02 23 26.5	-0.3
WINA	Alland / Wiene 143.87 329	ePKP	PKPdf	02 23 28.0	-0.6
MOX	Moxa 143.90 336	ePKPbc	PKPab	02 23 26.5	+0.2
RONA	Rosalia, Austr 144.04 329	iPKP	PKPbc	02 23 27.7	+0.1
CONA	Conrad Observa 144.10 329	iPKP	PKPbc	02 23 27.7	-0.1
CKRK	Cesky Krumlov 144.18 332	ePKP	PKPbc	02 23 27.9	0.0
MANZ	Manzenberg 144.23 335	ePKPbc	PKPbc	02 23 27.9	-0.1
KHC	Kasperske Hory 144.27 333	ePKP	PKPbc	02 23 28.1	-0.1
ROTZ	Rotzenmuhle 144.36 335	ePKPbc	PKPbc	02 23 28.4	0.0
UBBA	Unterbreizbach 144.36 338	ePKPbc	PKPab	02 23 28.0	0.0
GE2	GERESS Array S 144.43 332	ePKPbc	PKPab	02 23 28.5	-0.2
GERES	GERESS Array B 144.43 332	PKP	PKPab	02 23 28.4	-0.2
GERES	GERESS Array B 144.43 332	PKP	PKPab	02 23 28.2	-0.4
WET	Wetzell 144.56 333	ePKPbc	PKPab	02 23 29.0	0.0
KASTN	Kahler Asten 144.59 339	ePKPbc	SKPab	02 23 28.7	-0.3
ARSA	Arzberg 144.73 329	iPKP	PKPab	02 23 29.7	0.0
LIT	Litokhoron 144.75 314	PKPbc	PKPbc	02 23 29.2	-0.7
BUB	Bochum-Univers 144.76 341	ePKPbc	PKPbc	02 23 29.0	-0.5
BBLs	Lazi#263i 144.78 321	iP	PKPdf	02 23 30.3	0.0
SJES	Sjenica 144.79 320	iP	PKPdf	02 23 30.5	+0.1
GRF	Grafenberg Arr 144.81 335	ePKPbc	PKPbc	02 23 30.2	0.0
MOA	Molin 144.91 331	iPKP	PKPbc	02 24 35.5	-1.4
MOA	comp=Z,5.4nm,1.7s,SNR=16	ePKP	pPKPdf	02 23 29.4	-1.0
RUDO	Rudo 144.95 321	iP	PKPbc	02 23 31.3	0.0
SESA	Seetaler Alpe, SNR=12	145.29 329	iPKP	02 23 31.0	-0.1
BIOA	Bad Ischl, Austr 145.31 331	iPKP	PKPdf	02 24 33.6	-2.6
BIOA	comp=Z,14nm,1.6s,SNR=5.7	ePKP	pPKPab	02 23 31.6	-0.1
TPM	Tanus Mts 145.41 338	ePKPbc	PKPbc	02 23 31.5	-0.2
UNB	Unac-Piva 145.46 321	eP	PKPdf	02 23 32.9	+0.2
BLY	Banja Luka 145.53 324	iP	PKPbc	02 23 32.3	+0.2
RJOB	Jobberg 145.66 332	ePKPbc	PKPbc	02 23 32.3	+0.2
KLINJ	Klinje 145.67 321	eP	PKPdf	02 23 32.8	+0.5
PDG	Podgorica 145.69 319	iP	PKPdf	02 23 32.8	+0.5
OBKA	Obir 145.73 329	ePKP	PKPdf	02 23 32.1	+0.2
BRY	Bratogost 145.86 321	iP	PKPdf	02 23 32.8	+0.5
BTNL	Ternelj 145.86 321	iP	PKPbc	02 23 32.7	-0.3
BTNL	Dravecica, Mon 145.88 319	iP	PKPbc	02 23 33.9	+0.1
DRME	Membach 145.88 341	ePKP	PKPab	02 23 33.8	-0.1
LESA	Schwarzloetal 145.95 331	iPKP	PKPdf	02 23 32.8	+0.5
LESA	comp=Z,18nm,1.6s,SNR=13	ePKP	pPKPdf	02 24 37.7	-0.7
FUR	Furstenfeldberg 145.99 334	ePKPbc	PKPbc	02 23 33.4	0.0
BSTI	Sart Tilman 146.03 342	ePKP	PKPbc	02 23 32.8	-0.2
TREB	Trebinje 146.08 320	ePKP	PKPdf	02 23 32.9	+0.4
MYKA	Terra Mystica 146.08 330	iPKP	PKPbc	02 23 32.7	-0.7
MYKA	comp=Z,5.3nm,0.6s	ePKP	pPKPdf	02 24 37.9	-1.2
UCU	Uccle 146.19 343	ePKP	PKPbc	02 23 33.4	-0.4
STUT	Stuttgart 146.34 336	ePKPbc	PKPbc	02 23 34.4	0.0
BGES	Gesves 146.35 342	ePKP	PKPbc	02 23 34.3	-0.1
WATA	Walderalm 146.50 332	iPKP	PKPbc	02 23 34.3	-0.6
WATA	comp=Z,2.0nm,1.5s,SNR=6.5	ePKP	pPKPdf	02 24 38.7	-0.7
RCHB	Rochefort 146.51 342	ePKP	PKPbc	02 23 34.2	-0.5
BMRD	Maredous 146.52 342	ePKP	PKPbc	02 23 34.5	-0.4
ABTA	Abtaltersbach 146.53 311	iPKP	PKPdf	02 23 34.0	+0.8
ABTA	comp=Z,3.3nm,0.9s,SNR=6.8	ePKP	pPKPdf	02 24 39.0	-0.4
WTTA	Wattenberg 146.53 332	iPKP	PKPbc	02 23 34.7	-0.5
WTTA	comp=Z,2.3nm,1.4s,SNR=9.1	ePKP	pPKPdf	02 24 37.9	-1.7
WLF	Waldrange 146.66 340	ePKP	PKPbc	02 23 35.6	+0.4
WLF	comp=Z,3.8nm,0.7s,SNR=12	ePKPbc	PKPbc	02 23 35.7	+0.4
MOTA	Moosalm 146.70 333	iPKP	PKPbc	02 23 35.0	-0.7
MOTA	comp=Z,5.1nm,0.6s,SNR=9.5	ePKP	pPKPdf	02 24 39.1	-0.7
RETA	Reutte 146.74 333	iPKP	PKPdf	02 23 35.2	-0.5
RETA	comp=Z,15nm,1.4s,SNR=5.4	ePKP	pPKPdf	02 23 35.2	-0.5
DOU	Dourbes 146.75 342	ePKP	PKPbc	02 23 35.2	-0.3
SQT	Sankt Quirin 146.75 333	iPKP	PKPbc	02 23 35.4	-0.4
SQT	comp=Z,13nm,1.6s,SNR=11	ePKP	pPKPdf	02 24 38.2	-1.6
BFO	Black Forest 147.03 337	PKP	PKPdf	02 23 34.8	+0.8
BFO	Black Forest 147.03 337	ePKPbc	PKPbc	02 23 36.1	-0.3
FETA	Feichten 147.12 333	iPKP	PKPbc	02 23 36.5	-0.4
FETA	comp=Z,8.5nm,3.5s,SNR=9.7	ePKP	pPKPdf	02 24 40.4	-0.2
DAVA	Damuels 147.27 334	iPKP	PKPbc	02 23 36.7	-0.5

SALO	Salir 148.29 331	PKP	PKPdf	02 23 37.7	+1.6
TIP	Tipmagrande 149.05 316	PKP	PKPbc	02 23 42.0	0.0
INTR	Introdacqua 149.11 323	PKP	PKPbc	02 23 41.4	-0.7
AQU	L'Aquila 149.17 324	iP	PKPbc	02 23 41.1	-1.1
RATF	Rafosso 151.69 313	PKPbc	PKPbc	02 23 48.9	+0.1
ESDC	Sonsecia Array 156.86 346	PKPab	PKPab	02 24 27.0	-0.8
ESDC	comp=Z,0.7nm,0.8s,baz=16,slow=5.3,SNR=4.9	PP	PP	02 28 09.1	+0.9
ESDC	Sonsecia Array 156.86 346	PKPab	PKPab	02 24 26.5	-1.3
TORD	Tordi Ar. Bea 166.89 245	PKP	PKPdf	02 23 59.0	-0.6
TORD	comp=Z,1.5nm,0.8s,baz=36,slow=0.9,SNR=10	PKP	PKPdf	02 23 59.5	-0.1
TORD	Tordi Ar. Bea 166.89 245	PKP	PKPdf	02 23 59.5	-0.1
<p>ICD 02:21:03.0:6.0:7.33:69S:57:06E,h0km,mb3.9/12, mbmp3.9/13,ML3.9/1,MS3.6/13,Error ellipse: s-maj=28.5km s-min=18.2km az=75.0</p> <p>NEIC 02:02:1:05.4:1.0:33:69S:0:04:57:0E:0:1,h10km,1km, mb4.6/17, Error ellipse: s-maj=19.6km s-min=7.0km az=277.0</p> <p>ISC 02:21:02:05.3:0.5:33:62S:0:08:57:00E:0:10,h14km,n57, e1901/39,mb4.2/18,MS3.6/12, Southwind Island Ridge</p>					
Code	Station Name	A° AZ°	Phase ID	Time Res	ISC
HO4N2	CROZET ISLANDS 13.14 196	Op	ISC	02 37 23.5	0.0
HO4N1	CROZET ISLANDS 13.15 196	T	T	02 37 24.7	0.0
HO4N3	CROZET ISLANDS 13.16 196	T	T	02 37 23.6	0.0
VOI	Voitsoha 14.74 230	Pn	Pn	02 24 33.3	-0.2
roCAM	Rodrigues Isla 14.93 24	Pn	Pn	02 24 33.2	-2.8
OPO	Ambohidromp 17.37 327	P	P	02 25 09.2	+0.4
OPO	baz=104,slow=18,SNR=2.2	LR	LR	02 30 21.0	0.0
MATP	Matop 28.48 290	LR	LR	02 35 35.4	0.0
MATP	comp=Z,139nm,18.9s,baz=5.5,slow=32.4,2nm,0.9s	LR	LR	02 35 35.4	0.0
LBTB	Lobatse 28.60 279	P	P	02 27 00.3	-1.1
MAKGR	Magkori 28.94 277	Iamb	Iamb	02 27 05.6	+0.6
HO8S1	Diego Garcia H 29.55 32	T	T	02 58 09.2	0.0
HO8S2	Diego Garcia H 29.55 32	T	T	02 58 14.8	0.0
HO8S3	Diego Garcia H 29.57 32	T	T	02 58 18.1	0.0
LSZ	Lusaka 31.79 298	LR	LR	02 38 36.0	0.0
LSZ	comp=Z,76nm,18.5s,baz=182,slow=33	LR	LR	02 38 36.0	0.0
LKGWb	Lokgwabe 32.60 277	P	P	02 27 34.0	-2.7
LKGWb	comp=Z,1.1nm,0.8s	Iamb	Iamb	02 27 46.0	-1.6
GRTLQ	Ghanzi 33.84 282	P	Iamb	02 27 49.1	0.0
GRTLQ	comp=Z,1.7nm,1.4s	Iamb	Iamb	02 27 50.0	0.0
MAW	Mawson 34.20 176	P	P	02 37 38.2	0.0
MAW	comp=Z,2.2nm,0.9s,baz=335,slow=8.1,SNR=4.1	LR	LR	02 37 38.2	0.0
MAW	comp=Z,2.55nm,19.6s,baz=262,slow=29	LR	LR	02 37 38.2	0.0
MAW	comp=Z,2.2nm,0.9s	LR	LR	02 37 38.2	0.0
MAW	Mawson 34.20 176	P	P	02 27 50.3	+0.3
KAAM	Kaadhehdho 37.12 27	P	P	02 28 16.1	+0.6
KMBO	Kilima Mbogo 37.25 326	LR	LR	02 41 39.8	0.0
KMBO	comp=Z,1.1nm,19.6s,baz=118,slow=33	LR	LR	02 41 39.8	0.0
TSUM	Tsumber 37.87 282	LR	LR	02 41 30.5	0.0
TSUM	comp=Z,8.3nm,19.8s,baz=148,slow=32	LR	LR	02 41 30.5	0.0
TSUM	Tsumber 37.87 282	P	Iamb	02 28 21.8	-0.3
TSUM	comp=Z,4.0nm,0.9s	Iamb	Iamb	02 28 24.6	0.0
MBAR	Mbarara 41.06 318	LR	LR	02 44 39.2	0.0
CASY	Casey 45.20 153	P	LR	02 29 20.2	-1.4
FURI	Furi 45.73 334	LR	LR	02 46 18.8	0.0
FURI	comp=Z,7.8nm,20.4s,baz=170,slow=33	LR	LR	02 46 18.8	0.0
PALK	Pallekele 46.48 33	LR	LR	02 44 10.7	0.0
PALK	comp=Z,6.5nm,20.4s,baz=198,slow=30	LR	LR	02 44 10.7	0.0
HO1W2	Cape Leeuwin H 46.68 108	T	T	03 19 55.5	0.0
HO1W3	Cape Leeuwin H 46.68 108	T	T	03 19 56.2	0.0
HO1W1	Cape Leeuwin H 46.70 108	T	T	03 20 26.6	0.0
NWAO	Narrogin (SRO) 49.72 107	P	P	02 29 56.5	-0.7
PBA	Port Blair 56.44 43	P	P	02 30 47.3	+0.6
QSPA	South Pole Qui 56.56 180	P	P	02 30 47.2	0.0
QSPA	comp=Z,2.4nm,0.7s,baz=279,slow=1.6,SNR=13	P	P	02 30 47.2	0.0
QSPA	comp=Z,4.0nm,0.7s	Iamb	Iamb	02 30 47.2	0.0
QSPA	South Pole Qui 56.56 180	P	Iamb	02 30 47.4	+0.2
QSPA	comp=Z,1.5nm,1.4s	Iamb	Iamb	02 30 55.4	+0.1
BELA	Belgrano 2 57.75 194	P	Iamb	02 31 05.1	0.0
BELA	comp=Z,8.9nm,1.5s	Iamb	Iamb	02 31 14.8	0.0
VNDA	Vanda 60.57 166	P	P	02 31 14.8	0.0
VNDA	comp=Z,1.0nm,0.9s,baz=228,slow=8.1,SNR=4.1	LR	LR	02 54 45.0	0.0
VNDA	comp=Z,1.0nm,0.9s	P	P	02 31 15.4	+0.6
VNDA	comp=Z,1.19nm,19.1s,baz=171,slow=33	Iamb	Iamb	02 31 28.4	0.0
CMAR	Chiang Mai Arr 65.44 44	P	P	02 31 49.3	+1.4
CMAR	comp=Z,0.9nm,0.3s,baz=232,slow=7.6,SNR=9.0	LR	LR	02 54 39.6	0.0
CMAR	comp=Z,3.0nm,2.1s,baz=350,slow=31	LR	LR	02 31 48.6	+0.7
ASAR	Alice Springs 66.84 104	P	P	02 31 57.3	+0.2
ASAR					

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Table with columns: MFL, Flaminggs, Mon, 1.15 171 eP, Pn, 02 41 57.4 +0.3, comp=Z,0.2nm,0.5s,baz=350,slow=1.4,SNR=2.0

Table with columns: ESDC, Sonseca Array, 150.85 345 PKPbc, PKPbc, 03 19 23.6 -0.7, RSNC 02 03:08:20.7, 0.4, N:1.7x7.6Wz, h4km,3km, M1.4, ML1.3, Colombia

Table with columns: PMG, Port Moresby, 43.62 33 LR, LR, 03 46 27.7, JAY, Jayapura, 48.24 21 LR, LR, 03 48 31.6, SNA, Sanae, 54.11 198 P, P, 03 29 47.7 -0.7

Table with columns: SJG, San Juan, 3.58 274 Pn, Pn, 02 42 30.9 +0.8, SJG, San Juan, 3.58 274 Pn, Pn, 02 42 30.9 +0.8, SJG, San Juan, 3.58 274 Pn, Pn, 02 42 30.9 +0.8

Table with columns: IDC 02 03:15:55.7, 1.3, 0.19S:132.58E, h0km, mb3.9/4, mbmp3.8/6, ML3.8/2, Error ellipse: s-maj=30.5km, s-min=19.5km az=82.0, DJA 02 03:15:56.7, 0.6, 0.3x13.3Ez, h11km,3km, M4.4/11, mb5.2, MLV4.0/11

Table with columns: CATAC 02 03:59:08.8, 0.3, 1.3, N:2.8x9.9Wz, h29km,2km, M3.5/31, MLV3.5/31, Error ellipse: s-maj=5.0km s-min=2.3km, az=36.6, confirmed, SNET 02 03:59:09.5, 1.4, 12.97N:106.89W, h50km, ML3.4, Presumed earthquake

Table with columns: TXAR, Lajitas Array, 39.30 295 P, P, 02 49 02.5 +2.3, H10N3, ASCENSION HYDR63, 76 114 T, T, 03 48 17.8, H10N2, ASCENSION HYDR63, 77 114 T, T, 03 48 15.3, H10N1, ASCENSION HYDR63, 78 114 T, T, 03 48 16.5

Table with columns: FITZ, Fitzroy Crossi, 19.09 201 P, P, 03 20 19.6 -0.3, WBO, Warramunga Arr, 19.54 175 P, P, 03 20 23.8 -1.2, WBO, Warramunga Arr, 19.71 175 P, P, 03 20 26.4 -0.4, WRA, Warramunga Arr, 19.71 175 P, P, 03 20 25.6 -1.3

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, LALI, Alcalda de L, 0.54 342 P, P, 03 59 21.0 +0.1, LALI, Alcalda de L, 0.54 342 P, P, 03 59 21.0 +0.1, LALI, Alcalda de L, 0.54 342 P, P, 03 59 21.0 +0.1

Table with columns: NEIC 02 02:59:56.9, 1.6, 11.73S:0.09:166.7E, 0.1, h169km,8km, mb4.4/17, Error ellipse: s-maj=17.9km s-min=10.8km az=122.0, IDC 02 03:00:01.3, 9.4, 11.88S:166.52E, h213km,101km, mb3.4/4, mbmp3.9/5, Error ellipse: s-maj=91.9km s-min=26.3km az=161.0, ISC 02 02:59:54.9, 0.8, 11.64S:0.08:166.6E, 0.1, h150km, n27, a=1912/33, mb4.3/12, Santa Cruz Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ASAR, Alice Springs, 33.25 244 P, P, 03 04 29.8 +0.5, CTAA, Charters Tower, 21.24 244 P, P, 03 04 30.5 +1.2, ARMA, Armadale, 23.26 214 P, P, 03 04 49.6 +0.4

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ASAR, Alice Springs, 33.25 244 P, P, 03 04 29.8 +0.5, CTAA, Charters Tower, 21.24 244 P, P, 03 04 30.5 +1.2, ARMA, Armadale, 23.26 214 P, P, 03 04 49.6 +0.4

Table with columns: ASAR, Alice Springs, 33.25 244 P, P, 03 04 29.8 +0.5, BBOO, Buckleboe, 30.52 228 P, P, 03 06 32.4 +0.8, KNRA, Kununurra, 36.91 259 P, P, 03 06 50.2 +0.7, FITZ, Fitzroy Crossi, 40.00 256 P, P, 03 07 16.1 +0.8, FORT, Forrest, 40.36 236 P, P, 03 07 18.1 -0.1

Table with columns: IDC 02 03:20:22.7, 1.1, 49.15S:124.93E, h0km, mb4.0/3, mbmp4.0/3, MS3.4/8, Error ellipse: s-maj=72.6km s-min=25.9km az=100.0, NEIC 02 03:20:24.5, 1.6, 49.0S:0.1x125.0E:0.2, h10km,1km, mb4.8/10, Error ellipse: s-maj=28.3km s-min=11.4km az=131.0, ISC 02 03:20:24.0, 0.7, 49.0S:0.1x125.0E:0.1, h10km, n38, a=091/23, mb4.6/6, MS3.4/8, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, MGBR, Mount Gambier, 15.94 51 Pn, Pn, 03 24 08.0 -0.2, H01W1, Cape Leeuwin H, 16.25 326 T, T, 03 40 39.4, H01W2, Cape Leeuwin H, 16.25 326 T, T, 03 40 45.2, H01W3, Cape Leeuwin H, 16.25 326 T, T, 03 40 41.9

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Vilhena, Silvan, Siv, TKL, PTBL, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Pallekele, KMB, KAT, LSZ, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Malin Array Be, Kirov, Nakatsue, etc.

CATAC 02:04:55:53.8:0.2, 12'N, 2'W, h39km, 3km, M3/8, 49, MLV3, 8/49, Error ellipse: s-maj=4.1km s-min=1.3km, Az=28.6, confirmed

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Cosiguina Volc, Intipuca, Geotermica Pol, etc.

IDC 02:04:44:48.5:0.5, 20.27S:67.74E, h0km, mb4.3/22, mbmp4.3/22, MS4.0/41, Error ellipse: s-maj=20.8km s-min=14.3km az=82.0

NEIC 02:04:44:51.0:1.3, 20.25S:01.677E:0.1, h10km, 1km, mb4.8/25, Error ellipse: s-maj=21.8km s-min=19.3km az=264.0

GCMT 02:04:44:54.0:0.3, 20.32S:01.677E:0.02, h14km, 1km, MW4.9/104, Moment Tensor Solution, s27, c29, s104, c147, Duration: 0. Moment tensor: Scale 10^16Nm; M=0.62; 10; M=2.30E+10; Mw=1.61E+07; Mo=0.37E+17; Mw=1.26E+07; Mo=0.52E+20; Best double couple: M2 45300x10^16 Np1 to 150.000000, 872.000000, -1.13.000000, NP2 to 244.000000, 877.000000, -1.162.000000. Principal axes: T 2.6840, Plg4.000000, Azm16.000000; N -0.4620, Plg68.000000, Azm27.000000; P -2.2220, Plg22.000000, Azm107.000000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

PMON	Piamonte	2.09 310	P	Pn	04 56 27.5 +0.8				
JMOR	AI SSO del Vol	2.12 113	S	S	04 56 27.3 +0.3				
JMOR	AI O del Voica	2.14 112	S	S	04 56 27.6 +0.6				
MORN	Jayaque - finc	2.15 307	P	Pn	04 56 27.2 -0.5				
JAYA	Jayaque - finc	2.15 307	P	Pn	04 56 27.2 -0.5				
JAYA	Jayaque - finc	2.15 307	P	Pn	04 56 27.2 -0.5				
JAYA	Jayaque - finc	2.15 307	P	Pn	04 56 27.2 -0.5				
OMEN	AI SSO del Vol	2.18 113	S	S	04 56 27.3 +0.1				
OMEN	AI SSO del Vol	2.18 113	S	S	04 56 27.3 +0.1				
LGNA	La Laguna	2.18 326	P	Pn	04 56 28.4 +0.5				
CEDA	San Andres	2.21 311	P	Pn	04 56 28.0 +0.7				
LCRUZ	La Cruz	2.37 122	eP	Pn	04 56 29.9 -0.6				
CARN	Rivas	2.41 119	eP	Pn	04 56 31.0 +0.1				
CARN	Rivas	2.41 119	eP	Pn	04 56 31.0 +0.1				
CARN	Rivas	2.41 119	eP	Pn	04 56 31.0 +0.1				
UNIC	Universidad Ca	2.44 312	S	S	04 56 31.4 0.0				
ACON	Acopyas	2.48 99	eP	Pn	04 56 30.2 -1.7				
MTO3	Montecristo	2.61 321	P	Pn	04 56 35.3 +1.4				
LAPC	Finca la Perla	2.71 126	eP	Pn	04 56 35.4 +0.3				
FAME	Alcaldia de Sa	2.71 303	P	Pn	04 56 37.7 +0.5				
FAME	Esquipulas	2.72 324	P	Pn	04 57 05.6 -1.2				
ESQI	Esquipulas	2.72 324	P	Pn	04 57 05.6 -1.2				
ALIBA	Liberia Airpor	2.73 130	eP	Pn	04 56 38.1 +0.3				
CLARA	Aguas Claras	2.90 122	eP	Pn	04 56 38.1 +0.3				
SACU	Santa Cruz	2.92 135	eP	Pn	04 56 37.8 -0.2				
VAMU	Armenia, Volca	2.94 121	eP	Pn	04 56 38.1 -0.3				
HORNC	Hornillas	2.94 121	eP	Pn	04 56 38.1 -0.3				
JUD3	Juan Diaz	3.02 136	eP	Pn	04 56 38.6 +0.2				
PLVR	Palo Verde	3.03 131	eP	Pn	04 56 40.5 +0.8				
NICO	Nicoyá	3.11 135	eP	Pn	04 56 40.3 -0.3				
TENO	Ei Achioté	3.11 122	eP	Pn	04 56 41.0 +0.2				
TIMP	Tierras Morena	3.15 124	eP	Pn	04 56 41.9 +0.7				
CMARA	Lajas Hojanca	3.21 136	P	Pn	04 56 42.5 +0.5				
CMARA	Lajas Hojanca	3.21 136	P	Pn	04 56 42.5 +0.5				
CMARA	Lajas Hojanca	3.21 136	P	Pn	04 56 42.5 +0.5				
MEVE	Monterverde	3.45 126	eP	Pn	04 56 46.7 +1.3				
ACOS	Acosta	4.29 126	eP	Pn	04 56 59.2 +2.3				
EDPE	Pejibaye, P	5.14 128	eP	Pn	04 57 08.3 -0.1				
DRKO	Durika	5.33 125	eP	Pn	04 57 05.7 -5.6				

F15K	comp=Z,1.3nm,1.4s	IAMB	IAMB	05 32 33.7	
J17K	VABM Dome	52.03 30	P	P	05 32 18.8 +1.3
J17K	VABM Dome	52.03 30	P	P	05 32 23.7
AS31	Alice Springs	52.45 186	P	P	05 32 21.6 +0.4
ASAR	Alice Springs	52.46 186	P	P	05 32 20.8 -0.4
ASAR	Alice Springs	52.46 186	P	P	05 32 21.0 -0.2
MBWA	Marble Bar	52.16 203	P	P	05 32 26.7 +0.8
YKA	Yellowknife Ar	71.88 28	P	P	05 34 26.9 -0.6
YKAW1	Yellowknife Wh	71.93 28	P	P	05 34 27.8 0.0
YKAW1	Yellowknife Wh	71.93 28	P	P	05 35 08.1
KBZ	Khabaz	74.82 312	P	P	05 34 45.5 +0.7
D05A	Enunclaw	75.02 44	P	P	05 34 46.3 +0.5
D05A	Enunclaw	75.02 44	P	P	05 35 07.9
FINES	FINESS Array B	75.16 333	P	P	05 34 46.2 -0.1
FINES	FINESS Array B	75.16 333	P	P	05 34 46.5 +0.2
TXS1	Lajitas Ar	96.68 51	P	P	05 36 32.2 +0.2
TXAR	Lajitas Ar	96.68 51	P	P	05 36 33.2 +0.2

KRSC 02 05:25:24.7±1.3, 54°63'N; 164°53'E, h48km±24km, M14.1
 IDC 02 05:25:24.5±1.2, 54°87'N; 164°52'E, h0km, mb3.7/10,
 mbmp3.7/11, ML3.0/1, MS2.6/4, Error ellipse:
 s-maj=34.0km s-min=20.8km az=161.0
 ISC 02 05:25:25.1±1.8, 54°66'N; 0°05:164.58E±0.07, h11km±12km,
 n52, i+146/58, mb3.7/10, Komadorsky Islands region

Code	Station Name	Δ°	AZ°	Op	ISC	h	m	s	ISC	Time	Res
BKI	Bering	0.97	55	Op	ISC	05	25	43.6	-0.1		
BKI	Bering	0.97	55	Op	ISC	05	25	43.6	-0.1		
MKZ	Mys Kozlov	1.66	268	eP	Sg	05	25	55.8	-0.7		
MKZ	Mys Kozlov	1.66	268	eP	Sg	05	25	55.8	-0.7		
KBTR	Krutoberegovo	1.85	328	eP	Sn	05	26	12.2	-2.2		
KBTR	Krutoberegovo	1.85	328	eP	Sn	05	26	12.2	-2.2		
KBG	Krutoberegovo	1.92	327	eP	Sn	05	25	56.5	-1.2		
KBG	Krutoberegovo	1.92	327	eP	Sn	05	26	19.2	-2.7		
BZGR	Bezymannyi-Gr	2.56	307	eP	Pn	05	26	07.5	+0.8		
SMKR	Semkarok	2.61	319	eP	Pn	05	26	07.2	+0.5		
SMKR	Semkarok	2.61	319	eP	Pn	05	26	07.2	+0.5		
BZP	Bezymannyi-Pe	2.63	300	eP	Pn	05	26	08.2	+0.6		
KMNR	Kamenistaya	2.72	296	eP	Pn	05	26	09.6	+0.8		
KMNR	Kamenistaya	2.72	296	eP	Pn	05	26	09.6	+0.8		
KIRR	Kirishev	2.75	300	eP	Pn	05	26	10.7	+1.5		
KPT	Kopylov	2.81	300	eP	Pn	05	26	11.1	+1.1		
KOZ	Kozyrevsk	3.03	300	eP	Pn	05	26	14.4	+1.4		
KOZ	Kozyrevsk	3.03	300	eP	Pn	05	26	14.4	+1.4		
KII	Karymskiy	3.07	260	eP	Pn	05	26	14.4	+0.8		
SPN	Mys Shipunski	3.12	242	eP	Pn	05	26	14.2	0.0		
SPN	Mys Shipunski	3.12	242	eP	Pn	05	26	14.2	0.0		
SRDR	Sredinnyy	3.23	303	eP	Pn	05	26	17.8	+3.5		
SRDR	Sredinnyy	3.23	303	eP	Pn	05	26	17.8	+3.5		
NLC	Nalytchay B	3.43	246	eP	Pn	05	26	18.6	+0.1		
NLC	Nalytchay B	3.43	246	eP	Pn	05	26	18.6	+0.1		
ESO	Esso	3.59	293	eP	Pn	05	26	20.7	0.0		
ESO	Esso	3.59	293	eP	Pn	05	26	20.7	0.0		
SDLR	Sedlovina	3.64	250	eP	Pn	05	26	21.6	+0.2		
SDLR	Sedlovina	3.64	250	eP	Pn	05	26	21.6	+0.2		
SMR	Somma	3.69	250	eP	Pn	05	26	23.0	+0.8		
SMAR	Smara	3.70	249	eP	Pn	05	26	23.0	+0.8		
UGLR	Uglovaya	4.04	249	eP	Pn	05	26	22.6	+0.3		
UGLR	Uglovaya	4.04	249	eP	Pn	05	26	22.6	+0.3		
AVH	Avacha	3.72	250	eP	Pn	05	26	23.2	+0.7		
KRX	Kryk	3.73	251	eP	Pn	05	26	24.4	+1.2		
KRX	Kryk	3.73	251	eP	Pn	05	26	24.4	+1.2		
KOK	Koryaka	3.77	251	eP	Pn	05	26	24.4	+1.2		
KOK	Koryaka	3.77	251	eP	Pn	05	26	24.4	+1.2		
DALK	Dalny	3.81	247	eP	Pn	05	26	24.5	+0.7		
DALK	Dalny	3.81	247	eP	Pn	05	26	24.5	+0.7		
GNL	Ganaliy	4.02	259	eP	Pn	05	26	27.8	+1.2		
GNL	Ganaliy	4.02	259	eP	Pn	05	26	27.8	+1.2		
KMRM	Karymskiy	4.24	247	eP	Pn	05	26	30.9	+1.1		
KMRM	Karymskiy	4.24	247	eP	Pn	05	26	30.9	+1.1		
RUS	Russkaya	4.25	241	eP	Pn	05	26	30.1	+0.4		
RUS	Russkaya	4.25	241	eP	Pn	05	26	30.1	+0.4		
PETK	Petropavlovsk-	4.36	252	Pn	Pn	05	26	32.2	+1.0		
PETK	Petropavlovsk-	4.36	252	Pn	Pn	05	26	32.2	+1.0		
PETK	Petropavlovsk-	4.36	252	Pn	Pn	05	26	32.2	+1.0		
MTVR	Mutnovka	4.39	243	eP	Pn	05	26	32.1	+0.3		
GRL	Gorely	4.41	244	eP	Pn	05	26	33.0	+1.0		
ASAK	Asacha	4.59	243	eP	Pn	05	26	35.4	+0.9		
OSSR	Ossora	4.68	350	eP	Pn	05	26	38.1	+0.6		
APC	Apacha	4.73	251	eP	Pn	05	26	36.7	+2.4		
KDTR	Khodutka, Kamc	4.84	226	eP	Pn	05	26	37.2	-0.6		
SHEM	Shemya Is, Ala	5.98	105	LR	LR	05	29	03.7	-0.6		
SHEM	Shemya Is, Ala	5.98	105	LR	LR	05	29	03.7	-0.6		
MA2	Magadan	8.98	309	LR	LR	05	31	14.4			
ILAR	Eilson Array	25.81	48	P	P	05	30	55.6	-0.2		
ILAR	Eilson Array	25.81	48	P	P	05	30	55.6	-0.2		
H1N2	WAKE ISLAND Hy	34.91	176	T	T	06	10	44.3			
H1N3	WAKE ISLAND Hy	34.92	176	T	T	06	10	48.0			
H1N1	WAKE ISLAND Hy	34.93	176	T	T	06	10	54.6			
H1S1	WAKE ISLAND Hy	36.17	172	T	T	06	12	18.5			
H1S3	WAKE ISLAND Hy	36.13	177	T	T	06	12	03.2			
H1S2	WAKE ISLAND Hy	36.14	177	T	T	06	12	03.2			
YKA	Yellowknife Ar	40.19	45	P	P	05	33	01.4	+0.5		
SPITS	Spitsbergen Ar	46.01	351	P	P	05	33	47.9	+0.1		
KURBB	Kurchatov Arra	49.24	303	P	P	05	34	13.2	+0.1		

L17K	Donlin	63.58	26	P	P	06 37 46.0	-0.1	MLY	Manley	67.79	24	P	P	06 38 13.2	0.0	PPT2	Papeete2	71.00	114	eLR	LR	07 00 10.5	
M17K	Hollita River	63.65	27	P	P	06 37 46.2	-0.4	E21K	Killik River	67.81	20	P	P	06 38 13.4	+0.1	G26K	Porcupine River	71.05	23	P	P	06 38 34.7	+1.5
Q18K	Katmai Hardscr	63.76	30	P	P	06 37 46.9	-0.6	H22K	Ishikina Cre	67.82	23	P	P	06 38 13.1	-0.3	G26K	comp=Z,6.3nm,0.9s	71.05	23	P	Iamb	06 38 58.0	
J17K	VABM Dome	63.80	24	P	P	06 37 47.0	-0.5	C21K	Knifeblade Rid	67.83	20	P	P	06 38 13.7	+0.4	G26K	Porcupine River	71.05	23	P	P	06 38 32.9	-0.3
K17K	Iditarod	63.82	25	P	P	06 37 47.4	-0.2	P23K	Montague Islan	67.89	30	P	P	06 38 14.0	+0.1	F26K	Sheenik River	71.08	22	P	P	06 38 32.9	-0.6
P18K	Big Mountain	63.91	29	P	P	06 37 48.0	-0.4	SML	Sawmill	67.89	28	P	P	06 38 14.3	+0.4	L27K	Beaver Creek	71.12	27	P	P	06 38 33.5	-0.3
C16K	Lisburne Hills	64.03	18	P	P	06 37 48.7	-0.2	SML	Sawmill	67.89	28	P	P	06 38 13.7	-0.3	BCAR	Beaver Creek A	71.14	27	P	P	06 38 34.2	+0.3
N18K	Kilae Creek	64.07	28	P	P	06 37 49.0	-0.4	B21K	Ikpik River	68.07	19	P	P	06 38 14.9	+0.1	K27K	Chicken	71.17	26	Iamb	Iamb	06 39 23.1	
O18K	Koktuh Hills	64.09	29	P	P	06 37 48.7	-0.8	F22K	John River	68.08	22	P	P	06 38 15.8	+0.8	C26K	Camden Bay	71.35	20	P	P	06 38 34.8	-0.2
G17K	Kiwalik MOUNTA	64.16	22	P	P	06 37 49.7	-0.1	RND	Reindeer	68.09	26	P	P	06 38 15.3	+0.1	PINM	Pinnacle	71.43	31	P	P	06 38 35.4	-0.4
H17K	Granite MOUNTA	64.17	23	P	P	06 37 49.4	-0.5	RND	comp=Z,9.1nm,1.2s	68.12	22	P	P	06 38 38.3		BVCY	Beaver Creek	71.45	28	P	P	06 38 35.6	-0.2
OHAK	Old Harbor	64.17	32	P	P	06 37 49.9	-0.1	G22K	Bettles	68.12	22	P	P	06 38 15.6	+0.4	O28M	Mount Upton	71.55	30	P	P	06 38 36.1	-0.6
L18K	Granite MOUNTA	64.31	26	P	P	06 37 51.3	+0.4	MCK	McKinley	68.15	26	P	P	06 38 16.0	+0.6	YUK3	Moose Creek	71.55	29	P	P	06 38 36.1	-0.5
M18K	Stony River	64.40	27	P	P	06 37 51.5	0.0	M23K	Glacier View	68.17	28	P	P	06 38 15.4	-0.2	I27K	Kandik River	71.64	25	P	P	06 38 36.7	-0.2
F17K	Baldwin Pennin	64.40	21	P	P	06 37 51.6	+0.3	A21K	Barrow	68.20	17	P	P	06 38 15.7	+0.1	C27K	Jago River	71.68	20	P	P	06 38 36.8	-0.2
D17K	Nootak River	64.43	19	P	P	06 37 51.9	+0.4	GLI	Glacier Island	68.24	29	P	P	06 38 16.5	+0.5	H27K	Steamboat Moun	71.79	24	Iamb	Iamb	06 38 40.8	
E17K	Hotham Inlet	64.53	20	P	P	06 37 52.1	-0.1	Q23K	Middleton Isla	68.28	31	P	P	06 38 15.9	-0.4	H27K	Steamboat Moun	71.79	24	P	P	06 38 37.6	-0.2
Q19K	Cape Douglas,	64.53	30	P	P	06 37 52.2	-0.2	NEA2	Nenana	68.34	25	P	P	06 38 16.6	0.0	YUK8	Steele Glacier	71.82	29	P	P	06 38 37.9	-0.4
O19K	Port Alsworth	64.62	29	P	P	06 37 52.9	0.0	SCM	Sheep Creek Mo	68.36	28	P	P	06 38 16.8	-0.1	G27K	Doyon Strip	71.84	24	P	P	06 38 38.0	-0.1
KDAK	Kodiak Island	64.70	32	P	P	06 37 52.9	-0.6	WAT6	Susitna Watana	68.36	27	P	P	06 38 17.9	-0.1	E27K	Coleen River	72.13	22	P	P	06 38 39.7	-0.1
N19K	Bonanza Creek	64.76	28	P	P	06 37 54.7	+0.7	I23K	Minto, Yukon-K	68.38	24	P	P	06 38 16.3	+0.4	BRWY	Burwash Landin	72.18	29	P	P	06 38 40.0	-0.2
N19K	Bonanza Creek	64.76	28	P	P	06 37 53.7	-0.3	E22K	Anaktuvuk Pass	68.44	21	Iamb	Iamb	06 38 31.0		O29M	Mount Kennedy	72.29	31	P	P	06 38 40.4	-0.6
C17K	Delong MOUNTA	64.82	19	P	P	06 37 54.2	+0.1	E22K	Anaktuvuk Pass	68.44	21	P	P	06 38 17.0	-0.3	I28M	Miner Creek	72.31	25	Iamb	Iamb	06 39 45.4	
H18K	Honhosa River	64.85	23	P	P	06 37 54.0	-0.4	H23K	Yukon River	68.52	24	Iamb	Iamb	06 38 41.4		I28M	Miner Creek	72.31	25	P	P	06 38 40.2	-0.7
P19K	Oil Pt	64.96	30	P	P	06 37 55.2	0.0	H23K	Yukon River	68.52	24	P	P	06 38 18.1	+0.3	DAWY	Dawson	72.34	27	P	P	06 38 41.6	+0.4
F18K	Selawik	65.04	21	P	P	06 37 55.5	0.0	A22K	Sinclair Lake	68.54	18	P	P	06 38 17.9	+0.2	DAWY	Dawson	72.34	27	P	P	06 38 40.7	-0.5
G18K	Tagagawik	65.08	22	Iamb	Iamb	06 37 58.1		G23K	Bonanza Creek	68.61	23	Iamb	Iamb	06 38 20.6		YUK4	Talbot Arm	72.36	29	P	P	06 38 40.8	-0.7
G18K	Tagagawik	65.08	22	P	P	06 37 56.0	+0.2	G23K	Bonanza Creek	68.61	23	P	P	06 38 18.6	+0.3	YUK6	Outpost MOUNTA	72.46	30	P	P	06 38 40.9	-1.3
L19K	White Mountain	65.09	27	P	P	06 37 56.4	+0.4	DRH	Deni Highway	68.65	27	P	P	06 38 18.5	-0.3	D27M	Malcolm River	72.55	21	P	P	06 38 41.3	-1.0
E18K	Tukpahleirik C	65.11	20	Iamb	Iamb	06 38 11.5		WHY	Wood River Hill	68.71	25	Iamb	Iamb	06 38 20.3		M29M	Somme Creek	72.56	28	P	P	06 38 41.9	-0.6
E18K	Tukpahleirik C	65.11	20	P	P	06 37 56.3	+0.3	B22K	Teshkupuk Lake	68.74	19	P	P	06 38 19.6	+0.7	P29M	Wandy Craggy	72.65	31	P	P	06 38 42.0	-1.0
M19K	Big River Lodg	65.19	27	P	P	06 37 56.6	-0.1	EYAK	Cordova Ski Ar	68.81	30	P	P	06 38 20.1	+0.5	F28M	Old Crow	72.67	23	Iamb	Iamb	06 38 45.4	
GCSA	Galena City Sc	65.25	24	P	P	06 37 56.6	-0.3	CCB	Clear Creek Bu	68.88	25	Iamb	Iamb	06 38 43.0		F28M	Old Crow	72.67	23	P	P	06 38 42.8	-0.2
O20K	Slope Mountain	65.39	29	P	P	06 37 57.9	-0.1	KLU	Klutina	68.93	29	P	P	06 38 20.4	-0.1	L29M	L29M	72.79	28	P	P	06 38 43.5	-0.3
J19K	Poorman	65.45	25	P	P	06 37 58.3	+0.1	M24K	Tolsona, Glenn	68.95	28	P	P	06 38 20.8	+0.3	HYT	Haines Junctio	72.86	30	P	P	06 38 44.2	-0.2
C18K	Utukok River	65.53	19	P	P	06 37 58.4	-0.3	D23K	Nanushuk River	69.12	20	Iamb	Iamb	06 38 24.8		J29N	Klondike Camp	72.90	26	P	P	06 38 44.7	+0.2
KURK	Kurchatov	65.56	320	P	P	06 37 58.5	-0.7	D23K	Nanushuk River	69.12	20	P	P	06 38 21.5	+0.1	E28M	Babbage River	72.95	22	Iamb	Iamb	06 38 47.3	
KURBB	Kurchatov Arra	65.60	320	P	P	06 37 59.2	-0.2	POKR	Poker Plat Res	69.16	25	P	P	06 38 22.1	+0.3	E28M	Babbage River	72.95	22	P	P	06 38 44.9	+0.3
HOM	Home	65.73	30	P	P	06 38 00.3	+0.2	HDA	Harding Lake	69.17	25	P	P	06 38 21.9	+0.1	I29M	Ogilvie Camp,	72.97	25	Iamb	Iamb	06 39 07.9	
H19K	Roundabout Mou	65.74	23	P	P	06 37 59.8	-0.2	H24K	Noodor Dome	69.17	24	P	P	06 38 22.0	+0.2	I29M	Ogilvie Camp,	72.97	25	P	P	06 38 44.9	0.0
M20K	Styx River	65.74	27	P	P	06 37 59.9	-0.4	E23K	Chandalar	69.19	21	Iamb	Iamb	06 38 25.1		H29M	Whitestone	73.05	24	P	P	06 38 45.2	-0.1
G19K	Purceil MOUNTA	65.76	22	Iamb	Iamb	06 38 13.6		E23K	Chandalar	69.19	21	P	P	06 38 21.9	-0.1	P30M	Million Dollar	73.08	31	P	P	06 38 45.6	0.0
G19K	Purceil MOUNTA	65.76	22	P	P	06 37 59.7	-0.5	IL31	IL31	69.29	25	P	P	06 38 22.0	-0.5	N30M	Aishikik Lake	73.12	29	P	P	06 38 45.7	-0.1
K20K	Telida	65.85	26	P	P	06 38 00.7	-0.2	IL31	IL31	69.29	25	P	P	06 38 23.5		K29M	Barlow Dome	73.14	27	P	P	06 38 45.9	-0.1
SPCR	Spurr Chakacha	65.94	28	P	P	06 38 01.2	-0.4	ILAR	comp=Z,14nm,1.4s	69.29	25	P	P	06 38 21.4	-1.1	G29M	Pine Creek	73.28	24	P	P	06 38 46.6	0.0
J20K	Nowitza River	66.12	25	P	P	06 38 02.6	+0.1	ILAR	Eielson Array	69.29	25	P	P	06 38 22.1	-0.4	S31K	Pelican	73.32	33	P	P	06 38 47.2	+0.3
C19K	Lookout Ridge	66.26	19	P	P	06 38 03.1	-0.3	KAIM	Kayak Island	69.34	30	P	P	06 38 23.0	+0.1	PLBC	Pleasant Camp	73.33	31	P	P	06 38 47.3	+0.3
E19K	Redstone River	66.28	21	P	P	06 38 03.1	-0.4	TOLK	Toolik Lake Re	69.39	21	P	P	06 38 23.2	+0.1	D28M	Stokes Point	73.35	21	P	P	06 38 47.0	+0.1
CAPN	Captain Cook N	66.29	29	P	P	06 38 03.2	-0.5	C23K	Iklik River	69.44	19	P	P	06 38 23.6	+0.3	M30M	Minto, Yukon	73.35	28	P	P	06 38 47.1	0.0
H20K	Anotleneega Mo	66.33	23	P	P	06 38 03.6	-0.3	BMRM	Bremner River	69.45	29	P	P	06 38 24.1	+0.5	E29M	Blow River	73.52	22	P	P	06 38 48.0	+0.1
A19K	Wainwright	66.36	17	P	P	06 38 04.1	+0.1	PAX	Paxson	69.47	27	Iamb	Iamb	06 38 47.2		O30N	Mendenhall	73.55	30	P	P	06 38 48.3	0.0
D19K	Kuna River	66.45	20	P	P	06 38 05.2	+0.5	PAX	Paxson	69.47	27	P	P	06 38 23.9	+0.1	J30M	Hart River	73.72	26	P	P	06 38 49.0	0.0
D19K	Kuna River	66.45	20	Iamb	Iamb	06 38 28.6		HARP	HAARP	69.48	28	P	P	06 38 23.4	-0.4	EPYK	Eagle Plains	73.73	24	P	P	06 38 50.1	+0.8
D19K	Kuna River	66.45	20	P	P	06 38 04.4	-0.2	K24K	Donnelly Dome	69.52	26	P	P	06 38 23.9	-0.2	EPYK	Eagle Plains	73.73	24	Iamb			

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like T25d, DLBC, U35K, AB31, etc.

TAP 02:06:27.34.8, 24.35N:121.92E, h35km, ML3.7, B
JMA 02:06:27.34.2, 1.24.3N:1.0.122.0E:0.7, h27km, 3km,
MV2:7/12, TAIWAN REGION

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like EWUT, EAHA, EOS2, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TWB1, FUSS, WHF, etc.

ISC 02:06:27.34.8, 0.9.24.33N:0.02.121.99E:0.02, h31km, 6km,
n110.0, 0.878/185, 9C-6D, Taiwan

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

ISC 02:06:41:18.9.0.9, 35.56N:0.04:140.07E:0.04, h26km, 8km,
n26.1, c125/26, 1D, Near east coast of eastern Honshu

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

UCR 02:06:46:23.5.1.0, 11.27N:85.79W, h159km, 7km, MW3.5,
Presumed earthquake
CATAC 02:06:46:26.6.0.3, 11.1N:83.8W, h137km, 2km, M2.9/26,
MLV2.9/26, Error ellipse: s-maj=7.7km s-min=2.5km
az=47.9, confirmed

ISC 02:06:46:25.0.1.6, 11.28N:0.06:85.64W:0.07, h155km, 9km,
n59.0, 0.547/9, 1C, Nicaragua

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

ISC 02:07:12:55.1.0.6.3:17N:128.01E, h0km, mb, 2/17,
mbmp4.2/18, ML3.9/1, MS3.1/10, Error ellipse:
s-maj=30.7km s-min=12.0km az=74.0
DJA 02:07:13:00.0.0.6.3:12N:127.8E, h11km, 4km, M4.4/15,

2d 7h

Table with columns: ZALV, KURBB, BVAR, Station Name, Azimuth, Phase ID, Time, Res. Includes Zalesovo Beam, Kurchatov Arra, Borovoye Array.

ISC 02 07:36:02.2±1.0, 8.14N, 126.28E, h0km, mb3.9/10, mbtmp3.9/10, MS3.3/2, Error ellipse: s-maj=39.1km

s-min=16.6km az=79.0

MAN 02 07:36:02.0, 8.58N, 127.21E, h1km, MS3.6

ISC 02 07:36:03.0, 1.8, 5.54N, 105.12720E, 0.06, h8km, 11km, n36, ±151/39, mb4.2/10, Philippines Islands region

Main table for 2d 7h section, listing stations like Bislig, Cateel, Tandag City, Butuan, Surigao, Davao City, etc.

ISC 02 07:37:08.2±1.9, 9.73S, 123.84E, h0km, mb3.3/1, mbtmp3.1/3, ML2.9/2, Error ellipse: s-maj=43.7km

s-min=12.5km az=106.0

DJA 02 07:37:14.8±0.5, 10°56'12"E, h10km, M2.2/4, MLV2.2/4

ISC 02 07:37:14.2±1.2, 10.2S, 123.82E, 0.09, h10km, n6, ±65/45, Timor region

Table for stations in Timor region: BATI, SOEI, WRA, ASAR, MKAR.

ISC 02 07:40:56.3±2.3, 53.7N, 87.91E, h0km, mbtmp2.6/2, ML2.3/2, Error ellipse: s-maj=25.1km s-min=15.7km

az=64.0

ASRS 02 07:40:53.0±0.8, 53.59N, 87.99E, h0km, M2.7(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table for stations in Southwestern Siberia: I46RU, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR, MKAR.

DJA 02 07:42:07.6±1.1, 6.1N, 14.12E, h16km, 20km, M4.7/8, mb4.8/7, mB5.0/3, MLV4.6/8, Mw(mB)4.3/3

MAN 02 07:42:12.0, 5.70N, 125.50E, h4km, MS3.4

NEIC 02 07:42:13.6±1.4, 5.50N, 125.08E, 0.10, h53km, 4km,

2020 JUN

mb4.3/18, Error ellipse: s-maj=14.3km s-min=8.4km az=100.0

ISC 02 07:42:15.2±2.1, 5.50N, 125.24E, h74km, 17km, mb3.8/11, mbtmp4.1/12, MS3.1/5, Error ellipse: s-maj=34.8km

s-min=11.1km az=75.0

ISC 02 07:42:08.6±1.3, 5.51N, 103.12520E, 0.04, h15km, 8km, n68, ±215/74, mb4.3/21, MS2.9/4, Mindanao

Main table for 2020 JUN section, listing stations like General Santos, Kidapawan, Davao City, Davao City (W), etc.

ISC 02 07:42:55.8±3.5, 19.2N, 0.1, 65.0W, 0.2, h11km, 27km, n39, ±61/60, 5C-8D, Puerto Rico region

Table for stations in Puerto Rico region: Culebra, Puerto Rico, Col San Antoni, etc.

NEIC 02 07:44:34.2±1.3, 18.0S, 0.1, 177.9W, 0.1, h616km, 6km, mb4.3/22, Error ellipse: s-maj=20.7km s-min=16.9km

az=109.0

ISC 02 07:44:35.2±1.7, 17.84S, 178.08W, h630km, 19km, s-min=16.4km az=132.0

ISC 02 07:44:32.7±0.6, 17.93S, 0.1, 177.9W, 0.1, h600km, n44, ±121/47, mb4.0/22, Fiji Islands region

Table for stations in Fiji Islands region: Futu, Nonsavu, Nonsavu, etc.

NEIC 02 07:42:58.2±0.7, 19.16N, 0.07, 64.95W, 0.09, h35km, 2km, ML3.2/28, M3.8/13(RSPR), Error ellipse: s-maj=14.3km

s-min=11.3km az=63.0

RSPR 02 07:42:59.2, 19.19N, 64.97W, h25km, 28km, M3.8/13

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NVAR, TX31, TXAR, etc.

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

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

IDC 02 07:55:09.73.6, 54.114N:87.61E, h0km, mbtmp2.6i2, ML2.3/2, Error ellipse: s-maj=30.9km s-min=20.0km az=38.0

ASRS 02 07:55:11.0:1.2, 54.113N:87.11E, h0km, M2.4(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU, ZALV, ZALV, etc.

SJA 02 07:45:40.0:0.6, 16.633S:73.027W, h14km, 31km, ML3.6, MW3.4, Near coast of Peru

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AP01, PB12, PB12, etc.

SJA 02 08:14:07.5:0.6, 22.575S:66.242W, h261km, 4km, ML3.8, MW3.7, Jujuy Province

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

IDC 02 07:48:43.1:0.8, 55.735S:27.627W, h0km, mb4.4/8, mbtmp4.4/10, ML4.4/2, MS3.4/2, Error ellipse: s-maj=30.1km s-min=15.8km az=69.0

NEIC 02 07:48:50.0:1.4, 55.85S:0.1:27.9W, 0.2, h48km, 7km, mb4.3/14, Error ellipse: s-maj=20.0km s-min=12.9km az=216.0

ISC 02 07:48:44.7:0.6, 55.785S:0.09:27.91W, 0.10, h10km, n44, e121/35, mb4.3/10, 4C, South Sandwich Islands region

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

IDC 02 08:39:03.4:0.7, 29.111N:104.65E, h0km, mb3.9/19, mbtmp3.9/22, ML4.1/3, MS2.9/5, Error ellipse: s-maj=22.3km s-min=14.7km az=56.0

MOS 02 08:39:03.1:1.1, 28.111N:104.71E, h12km, mb4.3/15, Error ellipse: s-maj=14.8km s-min=7.6km az=109.5

NEIC 02 08:39:05.8:0.5, 28.11N:0.1:104.7E, 0.1, h10km, 1km, mb4.1/8, Error ellipse: s-maj=19.5km s-min=15.7km az=210.0

ISC 02 08:39:04.6:0.5, 28.09N:0.04:104.80E, 0.05, h10km, n61, e141/68, mb4.1/29, MS3.0/5, 7C, Sichuan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CD2, CD2, CD2, etc.

ASRS 02 08:16:32.0:1.9, 53.74N:91.07E, h0km, M3.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022. Suspected Mining explosion.

IDC 02 08:16:38.4:3.3, 53.55N:90.97E, h0km, mbtmp3.3/3, ML2.9/3, Error ellipse: s-maj=31.5km s-min=26.7km az=99.0

ISC 02 08:16:36.5:4.1, 53.83N:0.1:90.8E, 0.2, h0km, n13, e173/15, 8C-6D, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU, ZAAO, ZAAO, etc.

THE 02 08:30:41.9, 40.1N:121.5E:0.6, h13km, 2km, M2.5/11, ML2.5/11

ATH 02 08:30:41.2, 40.46N:121.48E, h19km, ML2.7/12, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km

SKO 02 08:30:44.7, 40.48N:121.52E, h4km, ML2.4

ISC 02 08:30:41.9:0.9, 40.45N:121.49E:0.02, h17km, 7km, n31, e055/47, Greece

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

IDC 02 08:39:03.4:0.7, 29.111N:104.65E, h0km, mb3.9/19, mbtmp3.9/22, ML4.1/3, MS2.9/5, Error ellipse: s-maj=22.3km s-min=14.7km az=56.0

MOS 02 08:39:03.1:1.1, 28.111N:104.71E, h12km, mb4.3/15, Error ellipse: s-maj=14.8km s-min=7.6km az=109.5

NEIC 02 08:39:05.8:0.5, 28.11N:0.1:104.7E, 0.1, h10km, 1km, mb4.1/8, Error ellipse: s-maj=19.5km s-min=15.7km az=210.0

ISC 02 08:39:04.6:0.5, 28.09N:0.04:104.80E, 0.05, h10km, n61, e141/68, mb4.1/29, MS3.0/5, 7C, Sichuan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CD2, CD2, CD2, etc.

ASRS 02 08:16:32.0:1.9, 53.74N:91.07E, h0km, M3.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022. Suspected Mining explosion.

IDC 02 08:16:38.4:3.3, 53.55N:90.97E, h0km, mbtmp3.3/3, ML2.9/3, Error ellipse: s-maj=31.5km s-min=26.7km az=99.0

ISC 02 08:16:36.5:4.1, 53.83N:0.1:90.8E, 0.2, h0km, n13, e173/15, 8C-6D, Southwestern Siberia

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

IDC 02 07:48:43.1:0.8, 55.735S:27.627W, h0km, mb4.4/8, mbtmp4.4/10, ML4.4/2, MS3.4/2, Error ellipse: s-maj=30.1km s-min=15.8km az=69.0

NEIC 02 07:48:50.0:1.4, 55.85S:0.1:27.9W, 0.2, h48km, 7km, mb4.3/14, Error ellipse: s-maj=20.0km s-min=12.9km az=216.0

ISC 02 07:48:44.7:0.6, 55.785S:0.09:27.91W, 0.10, h10km, n44, e121/35, mb4.3/10, 4C, South Sandwich Islands region

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

IDC 02 08:39:03.4:0.7, 29.111N:104.65E, h0km, mb3.9/19, mbtmp3.9/22, ML4.1/3, MS2.9/5, Error ellipse: s-maj=22.3km s-min=14.7km az=56.0

MOS 02 08:39:03.1:1.1, 28.111N:104.71E, h12km, mb4.3/15, Error ellipse: s-maj=14.8km s-min=7.6km az=109.5

NEIC 02 08:39:05.8:0.5, 28.11N:0.1:104.7E, 0.1, h10km, 1km, mb4.1/8, Error ellipse: s-maj=19.5km s-min=15.7km az=210.0

ISC 02 08:39:04.6:0.5, 28.09N:0.04:104.80E, 0.05, h10km, n61, e141/68, mb4.1/29, MS3.0/5, 7C, Sichuan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU, ZAAO, ZAAO, etc.

ASRS 02 08:16:32.0:1.9, 53.74N:91.07E, h0km, M3.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022. Suspected Mining explosion.

IDC 02 08:16:38.4:3.3, 53.55N:90.97E, h0km, mbtmp3.3/3, ML2.9/3, Error ellipse: s-maj=31.5km s-min=26.7km az=99.0

ISC 02 08:16:36.5:4.1, 53.83N:0.1:90.8E, 0.2, h0km, n13, e173/15, 8C-6D, Southwestern Siberia

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

IDC 02 08:39:03.4:0.7, 29.111N:104.65E, h0km, mb3.9/19, mbtmp3.9/22, ML4.1/3, MS2.9/5, Error ellipse: s-maj=22.3km s-min=14.7km az=56.0

MOS 02 08:39:03.1:1.1, 28.111N:104.71E, h12km, mb4.3/15, Error ellipse: s-maj=14.8km s-min=7.6km az=109.5

NEIC 02 08:39:05.8:0.5, 28.11N:0.1:104.7E, 0.1, h10km, 1km, mb4.1/8, Error ellipse: s-maj=19.5km s-min=15.7km az=210.0

ISC 02 08:39:04.6:0.5, 28.09N:0.04:104.80E, 0.05, h10km, n61, e141/68, mb4.1/29, MS3.0/5, 7C, Sichuan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CD2, CD2, CD2, etc.

ASRS 02 08:16:32.0:1.9, 53.74N:91.07E, h0km, M3.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022. Suspected Mining explosion.

IDC 02 08:16:38.4:3.3, 53.55N:90.97E, h0km, mbtmp3.3/3, ML2.9/3, Error ellipse: s-maj=31.5km s-min=26.7km az=99.0

ISC 02 08:16:36.5:4.1, 53.83N:0.1:90.8E, 0.2, h0km, n13, e173/15, 8C-6D, Southwestern Siberia

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

IDC 02 08:39:03.4:0.7, 29.111N:104.65E, h0km, mb3.9/19, mbtmp3.9/22, ML4.1/3, MS2.9/5, Error ellipse: s-maj=22.3km s-min=14.7km az=56.0

MOS 02 08:39:03.1:1.1, 28.111N:104.71E, h12km, mb4.3/15, Error ellipse: s-maj=14.8km s-min=7.6km az=109.5

NEIC 02 08:39:05.8:0.5, 28.11N:0.1:104.7E, 0.1, h10km, 1km, mb4.1/8, Error ellipse: s-maj=19.5km s-min=15.7km az=210.0

ISC 02 08:39:04.6:0.5, 28.09N:0.04:104.80E, 0.05, h10km, n61, e141/68, mb4.1/29, MS3.0/5, 7C, Sichuan

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

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like MAKZ Makanchi, USRUK Ussuriysk Arr, DAV Davao City (W), MJAR Matsushiro Arr, ZALV Zalesovo Beam, KURBB Kurchatov Arr, KURK Kurchatov, BVAR Borovoye Array, BORK Borovoye, AB31 Akbulak array, NRIK Noril'sk, NRK Noril'sk, ARTI Arti, TIXI Tiksi, KIRV Kirov, KBZ Khabaz, KIV Kislodovsk, SHA1 Billa, KLMR Klimovskoe, WRA Warramunga Arr, WRB Alice Springs, ASAR Alice Springs, BR13 Keskin Array S, BRTR Keskin Array B, AKASG Malin Array Be, AKASG Malin Array B, AKBB Malin Array Si, FINES Finess Array B, HFS Hagfors, NB2 NORRAR Subarra, NOA NORRAR Array B, GERES GERESS Array B, ILAR Eielson Array, EKA Eskdalemuir Arr, YKA Yellowknife Arr.

NNC 02 09:00:02.3:0.3, 44:21N:78:32E, h5km, 2km, mb3.2, mpv3.6, Error ellipse: s-maj=2.8km s-min=2.1km az=142.0
SOME 02 09:00:03.0, 44:23N:78:27E, h2km, 1km, mb3.2, mpv3.6, Error ellipse: s-maj=2.8km s-min=2.1km az=142.0
ISC 02 09:00:02.8:1.0, 44:23N:0:02:78:31E:0:02, h17km, gkm, az=142, +/-10/70, 6C-3D, Eastern Kazakhstan

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like BLB Baldybastay, ARX5 Arharly, ARXS Arharly, ARXS Arharly, ARXS Arharly, KNOS Konyrien, KNOS Konyrien, KURS Kuram, KURS Kuram, KURS Kuram, TDK Taldyqorghan, TDK Taldyqorghan, KPKS Kokpek, KPKS Kokpek, KPKS Kokpek, DJR Jarkent.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like DJR Jarkent, SATY Saty, SATY Saty, SATY Saty, UZB Uzynbulak, UZB Uzynbulak, UZB Uzynbulak, PDGK Podgomoye, KAPS Kapalarasan, KAPS Kapalarasan, KOTS Kotrybulak, KOTS Kotrybulak, KOTS Kotrybulak, SHLS Shalkode, SHLS Shalkode, SHLS Shalkode, MDOK Medeo, MDOK Medeo, AAA Alma-Ata, AAA Alma-Ata, AAA Alma-Ata, TNS5 Tian-Shan, TNS5 Tian-Shan, TNS5 Tian-Shan, IZV Izvestkoviy, IZV Izvestkoviy, IZV Izvestkoviy, MTBS Matube, MTBS Matube, MTBS Matube, KRBS Karabastau, KRBS Karabastau, KRBS Karabastau, KRBS Karabastau, KST Kastek, KST Kastek, KST Kastek, DGS Degeres, DGS Degeres, DGS Degeres, BTLS Baital, BTLS Baital, BTLS Baital, AAK Al-Arch, AAK Al-Arch, MAKZ Makanchi, MAKZ Makanchi, MAKZ Makanchi, MAK3 Makanchi Array, MAK3 Makanchi Array, MAK3 Makanchi Array, IDC 02 09:00:31.6:0.8, 52:63S:13:29E, h0km, mb4.1/11, mbtmp4.1/11, MS3.7/17, Error ellipse: s-maj=31.6km s-min=19.8km az=62.0, NEIC 02 09:00:33.1:1.0, 52:57S:0:06:13:3E:0:3, h10km, 1km, mb4.5/12, Error ellipse: s-maj=30.1km s-min=11.1km az=272.0, ISC 02 09:00:33.1:1.0, 52:55S:0:09:13:4E:0:1, h10km, n51, 0:86/30, mb4.3/12, MS3.7/17, 4C, Southwest of Africa

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like LBTB Lobatse, BELA Belgrano 2, MATP Matopo, GSPA South Pole Qui, GSPA South Pole Qui, LSZ Lusaka, VNSA Vanda, VNSA Vanda, VNSA Vanda, SBA Scott Base, H10S2 ASCENSION HYDR90, H10S3 ASCENSION HYDR98, KIBK Kibwezi, CPUP Villa Florida, CPUP Villa Florida, DBIC Dimbokro, FURI Furi, TORD Torodi Arr, TORD Cape Leeuwin H, H01W2 Cape Leeuwin H, H01W1 Cape Leeuwin H, LPAZ La Paz, LPAZ La Paz, MDP Montagnes des, RPZ Rata Peaks, PALK Pallekele, EIL Eliat, STKA Stephens Creek, MDT Middelt, ASF Jabal al Asfar, LEM Lembar, RTZ Ruatahuna, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, URA Warramunga Arr, ESDC Sonseca Array, ESDC Sonseca Array, YKA Yellowknife Arr.

TAP 02 09:21:18.4, 24:07N:122:90E, h50km, ML2.6, D JMA 02 09:21:18.4:0.2, 24:1N:3:12E, h70km, MV1.4/6, NW OFF ISHIGAKIJIMA IS, ISC 02 09:21:16.0:1.6, 23:84N:0:08:122:88E:0:06, h30km, 16km, n18, +/-15/28, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like E0S4 E0S4, JYNG Yonagunijimaku, Y0J Yonaguni jima, Y0J Yonaguni jima, Y0J Yonaguni jima, E0S3 E0S3, E0S2 E0S2, IRIF Iriomote-Funau, NACB Ninganchiao, NACB Ninganchiao, ETLH Xiulin Townsh, ETLH Xiulin Townsh, WARBET Fenglin Townsh, WARBET Fenglin Townsh, NNSB Datong, JISG Ishigakijima, WHF Hehuan Shan, WHF Hehuan Shan, YULB Yu-li, YULB Yu-li, OWD Renai, WUSB Renai, WUSB Renai, TDCB Techi, WHP Taichung City.

IDC 02 09:50:09.1:3.4, 54:13N:87:30E, h0km, mbtmp2.5/2, ML2.4/2, Error ellipse: s-maj=31.1km s-min=19.4km az=55.0, ASRS 02 09:50:09.3:8.5, 54:12N:87:12E, h0km, M2.7(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022., Southwestern Siberia

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like H46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, ZALV Zalesovo Beam, KURBB Kurchatov Arr, KURBB Kurchatov Arr, MKAR Makanchi Array, MKAR Makanchi Array.

IDC 02 09:54:01.4:6.8, 18:70S:175:43W, h0km, mb4.1/2, mbtmp4.1/2, Error ellipse: s-maj=299.4km s-min=68.0km az=145.0, Tonga Islands

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

2Q 10h

Table with columns: TRQA, TRQB, TRQC, TRQD, TRQE, TRQF, TRQG, TRQH, TRQI, TRQJ, TRQK, TRQL, TRQM, TRQN, TRQO, TRQP, TRQR, TRQS, TRQT, TRQU, TRQV, TRQW, TRQX, TRQY, TRQZ. Rows include names like Torquist, Valinhos, Patos De Minas, etc.

Table with columns: PLPT, R50A, Q52A, MCWV, P53A, SGCV, T42A, TPB05, 229A, HHAR, N58A, O52A, TPB01, U38A, TPB06, ODSA, 129A, M57A, N53A, POST, CCM, CCM, CCM, WMOK, 128A, DKNS, PAOC, R40A, L59A, BINY, HRV, HRV, HRV, HRV, N49A, L56A, P43A, T35A, TRY, MSTX, MMNY, AMTX, P40A, P40A, HDIL, HDIL, J59A, P38A, H51G, 121A, FRNY, RTBA, G62A, WBO, SAOD, L40A, ALQ, ANMO, ANMO, ANMO, JFWF, BUKO, TUC, TRQ, T25A, I40A, D62A, D62A, KSCO, X18A, SDCO, E46A, I37A, X16A, 113A, VLDQ, M5VC, ECSD, SPWM, WUJZ, ISCO, PV01, PV15, PV17, PV18, PV19, PV20, PV21, PV22, PV10, BC3, U15A, IRM, F33A, O20A, PFO, DANC, KNB, DBIC, DBIC, DBIC, EYMN, TBO, Q16A, P18A, P17A, RDMU, K22A, RSSD, RSSD, RSSD, BSUT, AGMN, PSUT, TPNV, FURC, TCUT, DUG, PDAR, PDAR, PDAR, GMN, GHN, ULM, ELK, ACRG, ACRG, SCHG, FLWY, LAO, NVAR, NVAR, YNE, YHB, QSPA, PAHR, EGMT, TORO, TORO, TORO, YBHD, YBHD, YBHD, FFC, FFC, FFC, FFC, J04A, WIFE, D05A, EDM, IVI, IVI, VVND, PGC, TSUM, TSUM, TSUM, PAB, ESDC, BLKN, ILON, YKAW, YKAW, YKA, YKA, YKA, YKA, POIN, POIN.

Table with columns: PV03, PV05, PV12, PV18, E38A, PV20, PV22, PV10, BC3, U15A, IRM, F33A, O20A, PFO, DANC, KNB, DBIC, DBIC, DBIC, EYMN, TBO, Q16A, P18A, P17A, RDMU, K22A, RSSD, RSSD, RSSD, BSUT, AGMN, PSUT, TPNV, FURC, TCUT, DUG, PDAR, PDAR, PDAR, GMN, GHN, ULM, ELK, ACRG, ACRG, SCHG, FLWY, LAO, NVAR, NVAR, YNE, YHB, QSPA, PAHR, EGMT, TORO, TORO, TORO, YBHD, YBHD, YBHD, FFC, FFC, FFC, FFC, J04A, WIFE, D05A, EDM, IVI, IVI, VVND, PGC, TSUM, TSUM, TSUM, PAB, ESDC, BLKN, ILON, YKAW, YKAW, YKA, YKA, YKA, YKA, POIN, POIN.

Table with columns: EKA, Station Name, Time, Res, and various codes. Includes stations like Eskdalemir Ar, Sachs Harbour, ILAR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various codes. Includes stations like BISR, SAHR, SAHR, etc.

Table with columns: BURAR, Station Name, Time, Res, and various codes. Includes stations like Bucovina Array, VLAD, VLAD, etc.

DJA 02 10:35:49.6-0.6, 11°S x 119°E, h10km, M3.9/12, mb4.2/3, MLv3.8/12, South of Sumbawa

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various codes. Includes stations like WBSI, WBSI, PLAI, etc.

DJA 02 10:50:18.4-0.2, 2°S x 129°E, h10km, M3.6/15, mb4.2/5, MLv3.4/15, Ceram Sea

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various codes. Includes stations like MSAI, AAI, NLAJ, etc.

UPP 02 11:00:15.4-0.1, 62.72N x 17.48E, h0km, ML2.2, Suspected explosion

IDC 02 11:00:16.2-1.1, 62.57N x 17.56E, h0km, mbtmp2.3/4, ML1.6/4, Error ellipse: s-maj=15.5km s-min=6.7km z=159.0

ISC 02 11:00:15.0-0.9, 62.74N x 0.03 x 17.44E, h0km, n12, c=074/18, 1C, Sweden

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various codes. Includes stations like HEMU, HEMU, SOLU, etc.

MD4/4 BUC 02 11:12:58.4-0.2, 45°62'N-26°54'E, h101km, m4.5/75, Error ellipse: s-maj=1.2km s-min=1.0km az=2.0 CFUSG 02 11:12:59.4, 45°60'N-26°80'E, h100km, Mb4.0/8, MD3.8/7, MSH4.3/8

BE0 02 11:13:03.0-0.5, 45°38'N-26°05'E, h85km, 5km, ML3.8/8

ISC 02 11:12:57.4-0.4, 45°63'N-0.03 x 26°55'E, h107km, 3km, h107km, p-P, n402, c150/522, mb4.2/34, 76C-73D, Romania

Main table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, and various codes. Includes stations like BISR, SAHR, SAHR, etc.

Table with columns: BURAR, Station Name, Time, Res, and various codes. Includes stations like Bucovina Array, VLAD, VLAD, etc.

SIGU 02 11:12:55.7-0.1, 45°62'N-0.5 x 26°6'E, h99km, mb4.3/11, MD4.0/20

MOS 02 11:12:56.7-0.8, 45°65'N-26°57'E, h108km, mb4.3/11, Error ellipse: s-maj=4.9km s-min=3.8km az=91.7

IDC 02 11:12:57.8-0.4, 45°76'N-26°31'E, h102km, 3km, mb3.8/21, mbtmp4.1/28, MS2.6/8, Error ellipse: s-maj=13.3km s-min=8.1km az=152.0

NEIC 02 11:12:57.9-1.2, 45°62'N-0.06 x 26°57'E, h106km, 3km, mb4.1/25, Error ellipse: s-maj=10.0km s-min=5.9km az=215.0

MCSM 02 11:12:57.0-0.2, 46°N x 2°7'E, h104km, 4km, mb4.2, mb4.4, MLv4.4, Mw(mb)3.6

NAO 02 11:12:57.4, 45°08'N-17°08'E, h33km, MB3.4

SOF 02 11:12:58.2, 45°59'N-0.01 x 26°45'E, h100km, 3km, Romania

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

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like TYT, JOT, JOM, JOSH, JMM, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like HYT, BVAR, CMAR, CDMJ, etc.

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

IDD 02 12:28:13.7±1.6, 35°10'N; 26°33'E, h0km, mb3.7/4, mbmp3.6/5, ML4.0/1, Error ellipse: s-maj=70.4km s-min=27.3km az=137.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SIT2, SI2, ZAKOS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DION, STFN, KYMI, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like comp=Z,9.9nm,0.8s, ASAR, etc.

IDC 02 12:39:36.4,10.0,13'49N-92°31'E, h0km, mb3.2/4, mbmtpp.2/2, MS3.7/1, Error ellipse: s-maj=626.1km s-min=25.2km az=60.0, Andaman Islands region

IDC 02 12:59:31.2,5.3,0.67N-174°5'W, h0km, mb3.8/1, mbmtpp.4/2, ML4.4/1, MS3.4/2, Error ellipse: s-maj=275.8km s-min=46.5km az=136.0, North of Ascension Island

IDC 02 12:59:31.2,5.3,0.67N-174°5'W, h0km, mb3.8/1, mbmtpp.4/2, ML4.4/1, MS3.4/2, Error ellipse: s-maj=275.8km s-min=46.5km az=136.0, North of Ascension Island

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GIRL, TOL2, CASY, etc.

IDC 02 12:48:32.8,0.7,60°29'S-26°55'W, h0km, mb4.2/7, mbmtpp.4/3,9, ML4.6/2, MS3.7/5, Error ellipse: s-maj=27.0km s-min=19.3km az=68.0

NEIC 02 12:48:34.7,1.6,60°33'S-01°26'W, h0km, mb4.9/28, Error ellipse: s-maj=20.9km s-min=17.9km az=286.0

IDC 02 12:48:35.6,0.6,60°31'S-01°26'W, h0km, n63, s124/60, mb4.8/18, MS3.7/5, 3C-1D, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like VNA1, VNA3, VNA3, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like QSPA, UGM, MJAR, etc.

IDC 02 13:01:49.6,1.2,80°25'S-10°17'W, h0km, mb4.3/160, Error ellipse: s-maj=15.5km s-min=13.5km az=133.0

IDC 02 13:01:50.0,1.8,20°61'S-177°92'W, h511km, 19km, mb3.7/14, mbmtpp.5/17, Error ellipse: s-maj=17.1km s-min=13.1km az=119.0

IDC 02 13:01:51.5,0.3,20°61'S-177°92'W, h514km, n439, s1901/391, mb4.3/100, 4C-5D, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PLCA, PLCA, LR04, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like R17L, CWC, OHAK, etc.

2d 13h

M14K	Bethel	82.08	8	P	P	13 13 15.8	+0.3
M15K	Kasigluk River	82.20	8	P	P	13 13 16.3	+0.1
WIFE	Three Sisters-	82.24	37	P	P	13 13 18.6	+1.5
WIFE				Iamb	Iamb	13 13 19.4	
N16K	Nishlik Lake	82.26	9	P	P	13 13 16.4	-0.2
O18K	Koktuh Hills	82.28	11	P	P	13 13 16.5	-0.1
P19K	Oil Pt	82.47	12	P	P	13 13 17.5	-0.1
N17K	Nushagak Hills	82.56	10	P	P	13 13 18.4	+0.4
L14K	Kulka Creek	82.57	7	Iamb	Iamb	13 13 19.9	
L14K	Kulka Creek	82.57	7	P	P	13 13 18.7	+0.7
PINE	Pine Mountain	82.57	38	P	P	13 13 20.6	+1.8
PINE				Iamb	Iamb	13 13 21.4	
BNX	BinXian	82.61	325	↑P	↑P	13 13 19.2	+0.6
BNX				pmax	pmax		
M16K	Timber Creek	82.76	9	P	P	13 13 19.4	+0.4
O19K	Port Alsworth	82.76	12	P	P	13 13 19.3	+0.3
HOM	Home	82.80	13	P	P	13 13 19.8	+0.6
TUC	Tucson	82.92	52	P	P	13 13 22.9	+2.2
TUC				Iamb	Iamb	13 13 23.8	
K13K	Kusilvak Mount	82.93	6	Iamb	Iamb	13 13 21.7	
K13K	Kusilvak Mount	82.93	6	P	P	13 13 20.0	+0.1
N18K	Kilae Creek	82.93	11	P	P	13 13 19.5	-0.4
O20K	Slope Mountain	82.98	12	P	P	13 13 20.8	+0.5
L15K	Ungalak Mounta	83.04	8	P	P	13 13 21.2	+0.8
N19K	Bonanza Creek	83.30	11	P	P	13 13 22.2	+0.3
L16K	Owhat River	83.34	9	Iamb	Iamb	13 13 23.8	
L16K	Owhat River	83.34	9	P	P	13 13 22.8	+0.9
M17K	Holitna River	83.35	10	Iamb	Iamb	13 13 23.8	
M17K	Holitna River	83.35	10	P	P	13 13 23.0	+1.0
I07A	Ize	83.57	38	Iamb	Iamb	13 13 26.1	
K15K	Wolf Creek Mou	83.63	8	P	P	13 13 24.5	+1.2
K15K	Wolf Creek Mou	83.63	8	P	P	13 13 24.0	+0.7
M18K	Stony River	83.70	10	P	P	13 13 24.2	+0.5
Q23K	Middleton Isla	83.82	16	P	P	13 13 25.0	+0.7
KNB	Kanab	83.86	47	Iamb	Iamb	13 13 28.0	
CAPN	Captain Cook N	83.91	13	P	P	13 13 25.2	+0.4
U15A	North Rim	83.92	48	P	P	13 13 27.4	+1.6
U15A				Iamb	Iamb	13 13 28.5	
L17K	Donlin	83.92	9	P	P	13 13 25.9	+1.1
O22K	Cooper Landing	83.96	14	P	P	13 13 25.2	+0.2
P23K	Montague Isian	84.06	15	P	P	13 13 25.8	+0.2
SPCR	Spurr Chakacha	84.09	12	P	P	13 13 26.2	+0.4
GAMB	Gambell	84.24	3	P	P	13 13 27.1	+0.8
L18K	Granite Mounta	84.25	10	P	P	13 13 27.6	+1.3
L18K				Iamb	Iamb	13 13 27.9	
L18K	Granite Mounta	84.25	10	P	P	13 13 27.0	+0.6
K17K	Iditarod	84.47	9	P	P	13 13 28.1	+0.6
L19K	White Mountain	84.51	11	Iamb	Iamb	13 13 29.7	
L19K	White Mountain	84.51	11	P	P	13 13 28.6	+1.0
M20K	Styx River	84.55	11	P	P	13 13 28.6	+0.6
J16K	Anvik River	84.70	8	P	P	13 13 29.9	+1.3
J16K	Anvik River	84.70	8	P	P	13 13 28.8	+0.2
KAIM	Kayak Island	84.75	16	P	P	13 13 29.2	+0.3
CRAG	Craig	84.75	24	P	P	13 13 29.1	+0.1
GLI	Glacier Island	84.91	15	P	P	13 13 30.4	+0.8
SKT	Skwentna	84.94	12	P	P	13 13 30.6	+0.8
EYAK	Cordova Ski Ar	84.95	15	P	P	13 13 30.3	+0.5
J17K	VABM Dome	85.01	8	P	P	13 13 30.5	+0.4
M22K	Willow	85.02	13	P	P	13 13 30.0	-0.2
KNK	Knik Glacier	85.07	14	P	P	13 13 30.2	-0.3
PMR	Palmer	85.09	13	P	P	13 13 30.5	+0.1
SIT	Sitka	85.17	22	P	P	13 13 31.2	+0.2
BGLC	Bering Glacier	85.21	17	P	P	13 13 31.1	0.0
V35K	Ketchikan	85.22	24	P	P	13 13 31.1	-0.2
U33K	Whale Pass	85.24	23	P	P	13 13 30.7	-0.6
I17K	Unalakleet	85.27	8	P	P	13 13 31.3	+0.1
ANM	Nome	85.44	5	P	P	13 13 32.2	+0.1
SML	Sawmill	85.45	14	P	P	13 13 32.2	-0.2
HEH	Heihe	85.49	328	eP	pmax	13 13 33.2	+0.5
HEH				pmax	pmax		
S31K	Pelica	85.56	21	P	P	13 13 32.8	-0.1
M23K	Glacier View	85.57	14	P	P	13 13 33.1	+0.2
CUT	Chulitna	85.58	12	P	P	13 13 32.8	-0.1
L22K	Petersville	85.59	12	P	P	13 13 32.8	-0.2
BMRM	Bremner River	85.59	16	P	P	13 13 33.4	+0.3
MESA	MESA	85.62	17	P	P	13 13 33.1	-0.2
PPLA	Purkeypale	85.65	11	P	P	13 13 33.9	+0.5
SCM	Sheep Creek Mo	85.70	14	P	P	13 13 34.2	+0.7
SCM	Sheep Creek Mo	85.70	14	P	P	13 13 33.4	-0.2
KLU	Klutina	85.73	15	P	P	13 13 33.5	-0.2
S32K	Killisnoo	85.74	22	P	P	13 13 33.6	-0.1
K20K	Telida	85.74	10	Iamb	Iamb	13 13 34.8	
K20K	Telida	85.74	10	P	P	13 13 33.7	0.0
WRAK	Wrangeli Isian	85.75	23	P	P	13 13 33.6	-0.2
CRQE	Cirque	85.80	16	P	P	13 13 33.3	-0.5
H16K	Elim	85.82	7	P	P	13 13 34.4	+0.4
T33K	Petersburg	85.82	23	P	P	13 13 33.7	-0.4
PINM	Pinnacle	86.03	18	P	P	13 13 34.8	-0.4
J19K	Poorman	86.08	10	P	P	13 13 35.3	0.0

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TMUT	Trail Mountain	86.12	46	Iamb	Iamb	13 13 40.5	
N25K	Chitina, Valde	86.14	15	P	P	13 13 35.7	0.0
C15T	Castle Rocks	86.15	11	Iamb	Iamb	13 13 35.3	
CAST	Castle Rocks	86.15	11	P	P	13 13 35.5	-0.1
M24K	Tolsona, Glenn	86.20	14	P	P	13 13 35.8	-0.1
TNA	Tin City	86.23	4	P	P	13 13 35.7	-0.1
WAT6	Susana Watana	86.27	13	P	P	13 13 35.8	-0.6
WAT1	Susitna Watana	86.31	13	P	P	13 13 36.2	-0.2
MCARA	McCarthy VSAT	86.35	16	P	P	13 13 36.1	-0.5
R32K	Eaglecrest	86.38	21	P	P	13 13 36.5	-0.3
H17K	Granite Mounta	86.38	8	P	P	13 13 36.6	-0.1
P29M	Windy Craggy	86.40	19	P	P	13 13 36.9	0.0
J20K	Nowitna River	86.49	10	P	P	13 13 37.1	-0.1
TRF	Thorofare Moun	86.52	12	P	P	13 13 37.1	-0.5
CHUM	Lake Minchumin	86.54	11	P	P	13 13 37.1	-0.2
ELIB	Princess Elisa	86.55	186	dP	P	13 13 37.5	-0.2
VHRN	Van Horn	86.58	55	P	P	13 13 40.3	+1.7
VHRN				Iamb	Iamb	13 13 41.3	
GCSA	Galena City Sc	86.61	9	P	P	13 13 37.8	+0.2
O28M	Mount Upton	86.61	17	P	P	13 13 37.5	-0.6
F15K	Not Star Dit	86.63	5	P	P	13 13 38.0	+0.2
MINX	Cornudas Moun	86.68	54	Iamb	Iamb	13 13 41.5	
O29M	Mount Kennedy	86.69	18	P	P	13 13 38.4	+0.1
PLBC	Pleasant Camp	86.69	20	P	P	13 13 38.0	-0.2
HARP	HAARP	86.69	15	P	P	13 13 37.8	-0.4
DHY	Denali Highway	86.78	13	P	P	13 13 38.4	-0.3
H18K	Honhosa River	86.79	8	P	P	13 13 38.1	-0.4
G17K	Kiwliak Mounta	86.84	7	P	P	13 13 39.0	+0.2
TXAR	Lajitas Array	86.98	57	P	P	13 13 42.4	+2.0
TXAR				Iamb	Iamb	13 13 41.9	+1.5
I20K	Naaghedeneel	87.02	10	P	P	13 13 40.2	+0.6
SKAG	Skagway	87.03	20	P	P	13 13 39.7	-0.1
P30M	Million Dollar	87.03	19	P	P	13 13 39.9	0.0
MCK	McKinley	87.04	12	Iamb	Iamb	13 13 41.1	
MCK	McKinley	87.04	12	P	P	13 13 39.8	-0.1
PAX	Paxson	87.12	14	P	P	13 13 40.6	+0.3
PV10	Paradox Valley	87.14	47	Iamb	Iamb	13 13 42.2	
YUK8	Steele Glacier	87.14	17	P	P	13 13 40.3	-0.3
PV23	Carpenter Ridge	87.19	47	Iamb	Iamb	13 13 43.6	
M26K	Nabesna, AK	87.22	15	P	P	13 13 40.8	+0.1
YUK6	Outpost Mounta	87.27	18	P	P	13 13 40.1	-1.1
S34M	Telegraph Cree	87.30	23	P	P	13 13 40.6	-0.5
TPB28		87.34	55	Iamb	Iamb	13 13 44.7	
ANMO	Albuquerque	87.35	51	P	P	13 13 43.5	+1.3
YUK3	Moose Creek	87.36	17	P	P	13 13 41.1	-0.5
H19K	Roundabout Mo	87.41	9	Iamb	Iamb	13 14 05.0	
H19K	Roundabout Mou	87.41	9	P	P	13 13 40.8	-0.6
BRWY	Burwash Landin	87.42	18	P	P	13 13 41.3	-0.4
HYT	Haines Junctio	87.42	19	P	P	13 13 41.1	-0.7
ALPN	Alpine	87.45	56	Iamb	Iamb	13 13 44.6	
G18K	Tagewik	87.46	8	P	P	13 13 41.5	-0.2
M27K	Edge Creek, AK	87.47	16	Iamb	Iamb	13 13 43.9	
M27K	Edge Creek, AK	87.47	16	P	P	13 13 41.5	-0.5
YUK4	Talbot Arm	87.51	18	P	P	13 13 42.0	-0.2
TPB01	Permian Basin	87.58	56	Iamb	Iamb	13 13 45.5	
H20K	Anotleneega Mo	87.60	9	P	P	13 13 42.0	-0.4
P32M	Atlin	87.66	21	P	P	13 13 42.5	-0.3
L26K	Log Cabin Wild	87.67	15	P	P	13 13 42.9	+0.1
Q32M	Nakina River	87.67	22	P	P	13 13 43.1	0.0
K24K	Donnelly Dome	87.77	14	P	P	13 13 43.4	+0.1
BVCY	Beaver Creek	87.78	16	P	P	13 13 43.1	-0.2
I21K	Tanana	87.78	11	P	P	13 13 43.5	+0.3
I21K				Iamb	Iamb	13 13 44.5	
I21K	Tanana	87.78	11	P	P	13 13 43.1	-0.1
NEA2	Nenana	87.79	12	Iamb	Iamb	13 13 44.4	
NEA2	Nenana	87.79	12	P	P	13 13 43.2	-0.1
O30N	Mendenhall	87.81	19	P	P	13 13 43.5	0.0
MLY	Manley	87.87	11	Iamb	Iamb	13 13 43.8	
MLY	Manley	87.87	11	P	P	13 13 43.3	-0.4
G19K	Purcell Mounta	87.90	8	Iamb	Iamb	13 13 45.0	
G19K	Purcell Mounta	87.90	8	P	P	13 13 43.3	-0.4
RIDG	Independent Ri	87.93	14	P	P	13 13 43.8	-0.2
F18K	Selawik	88.01	7	P	P	13 13 44.6	+0.4
VNA3	Neu Layer Olymp	88.02	176	↑P	↑P	13 13 44.8	+0.3
HDA	Harding Lake	88.05	13	P	P	13 13 44.4	-0.1
N30M	Aishlik Lake	88.05	18	P	P	13 13 44.4	-0.2
L27K	Beaver Creek,	88.07	16	P	P	13 13 44.4	-0.2
H21K	Melozitna Rive	88.08	10	Iamb	Iamb	13 13 47.2	
H21K	Melozitna Rive	88.08	10	P	P	13 13 44.9	+0.3
DLBC	Dease Lake	88.09	23	P	P	13 13 44.3	-0.5
WHY	Whitehorse	88.10	20	P	P	13 13 45.2	+0.2
I23K	Minto, Yukon-K	88.23	12	P	P	13 13 46.0	+0.7
E17K	Hotham Inlet	88.24	6	P	P	13 13 45.8	+0.5
COLA	College	88.28	12	P	P	13 13 46.1	+0.7
XAN	Xt'an	88.33	307	P	pmax	13 13 48.0	+1.4
XAN				pmax	pmax		

SCRK	Sand Creek	88.33	14	P	P	13 13 46.3	+0.3
DL							

Table with columns: I30M, Mount Dempster, 91.23, 16, P, P, 13 13 59.8 +0.5, etc. Includes stations like G27K Doyon Strip, TOLK Toolik Lake Re, etc.

Table with columns: TORO, Torodi Ar. Bea, 77.87, 278, P, P, 13 19 45.2 -0.5, etc. Includes stations like YKA Yellowknife Arr, etc.

Table with columns: VPOR, Vila do Porto, 0.73, 172, eS, Sg, 13 36 35.1 -1.2, etc. Includes stations like JOKE Okinoerabujima, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like AAK Ala-Archa, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like PPOV PovoaoSo, BART Pico Bartolome, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, etc. Includes stations like WBO Warramunga Arr, WRB Warramunga Arr, etc.

NEIC 02 14:56:24.5:2.1, 43.94N:0.06:105.4W:0.1, h0km, 11km, ML3.2/40, Error ellipse: s-maj=14.0km s-min=9.7km az=71.0

IDC 02 14:56:25.4:1.6, 44.27N:105.80W, h0km, mbtpm3.2/2, ML2.8/2, Error ellipse: s-maj=56.2km s-min=9.7km az=145.0

ISC 02 14:56:25.4:1.0, 43.96N:0.07:105.35W:0.06, h0km, n24, 087917, Wyoming

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like Black Hills, Boulder Array, Pinedale Array, etc.

IDC 02 14:57:23.2:1.3, 28.18N:57.37E, h0km, mb3.7/10, mbtpm3.7/10, MS2.6/2, Error ellipse: s-maj=31.7km s-min=23.1km az=164.0

TEH 02 14:57:26.3:28.37N:57.52E, h8km, 37km, ML3.7, Presumed earthquake

DSN 02 14:57:28.1:1.4, 28.41N:57.02E, h10km, ML3.4/12, Error ellipse: s-maj=18.8km s-min=10.3km az=80.0

OMAN 02 14:57:32.0:0.3, 27.85N:57.88E, h10km, mb3.5/5, m13.0/16, Error ellipse: s-maj=7.6km s-min=6.3km az=246.0

ISC 02 14:57:26.2:1.5, 28.31N:0.03:57.64E:0.05, h17km, 10km, n67, c250/90, mb3.5/9, Southern Iran

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like Kahnooj, BAM, Bandar-abas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like Bidbid, Anraq, Wadi Sarin, etc.

IDC 02 14:59:09.6:2.4, 1.63S: 133.85E, h0km, mb3.3/2, mbtpm3.6/5, ML3.8/3, Error ellipse: s-maj=49.4km s-min=24.2km az=60.0

DJA 02 14:59:13.3:0.5, 2.3: 13.3: 4E, h16km, 6km, M3.9/15, mb4.1/3, MLV3.8/15

NEIC 02 14:59:17.2:1.7, 1.67S: 0.10: 133.64E: 0.09, h6km, 11km, mb4.0/7, Error ellipse: s-maj=13.9km s-min=13.4km az=213.0

ISC 02 14:59:12.1:0.7, 1.60S: 0.05: 133.91E: 0.05, h24km, n22, 0111/24, mb3.8/5, Irian Jaya region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like Ransiki, Kaimana, FAKI, etc.

KRSC 02 15:05:08.6:1.1, 55.44N: 165.81E, h30km, 11km, MI3.8, Komandorski Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like Bki, Krutoberegovo, Koyuk River, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like GORELEY, ASAK, KHOUTKA, etc.

IDC 02 15:15:37.1:2.2, 7.31S: 129.98E, h53km, 20km, mb4.1/13, mbtpm4.4/18, ML4.6/5, MS3.0/7, Error ellipse: s-maj=22.1km s-min=12.9km az=74.0

NEIC 02 15:15:38.3:1.4, 7.35S: 0.06: 130.03E: 0.07, h62km, 7km, mb4.6/42, Error ellipse: s-maj=9.7km s-min=8.6km az=72.0

DJA 02 15:15:40.0:0.2, 7.2: 13.3: 0E, h93km, 5km, M4.5/34, mb4.6/34, mb5.1/9, MLV4.7/20, MB(MB)4.4/9

ISC 02 15:15:36.5:0.3, 7.44S: 0.03: 130.12E: 0.04, h50km, n137, 0198/137, mb4.5/38, MS2.7/3, Tanimbar Islands region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like SAUI, SAUMLAKI, BANI, etc.

2d 15h

Table with columns: ID, Name, Comp, Z, SNR, P, M, S, L, R, T, V, W, X, Y, Z. Includes entries like E25K Arctic Village, KAPI Kappang, J25K Salcha River, etc.

2020 JUN

Table with columns: ID, Name, Comp, Z, SNR, P, M, S, L, R, T, V, W, X, Y, Z. Includes entries like J29N Klondike Camp, BATI Baumata, TKM2 Tokmak 2, etc.

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Table with columns: ID, Name, Comp, Z, SNR, P, M, S, L, R, T, V, W, X, Y, Z. Includes entries like U33K Whale Pass, CHM Chinkent, CHM Chinkent, etc.

Table with columns: TXAR, S39A, R40A, RLO, BUKO, FVME, U38A, MURB, NRCA, AQU, INTR, SADO, LDAO, SFIN, N7M, LMQ, TIP, T42A, DELO, OLIL, FCAR, N49A, O48B, S44A, WHAR, T47A, Q51A, M5EY, ZAI, CEST, SWET, M65A, KEST, FURI, PGAV, ESDC, ESDC, ESDC, ESDC, MTE, PMRV, PVAO, TORD, SDV, GSPA, ITTB, VNA3, VNA3, VNA3, VNA3, LPAZ, LPAZ, LPAZ, NPMG, NBMO, PRPB, CLDB, SMTB, PTLB, BBSB, SNDB, SALV, PLCA, SDBA, PP1B. Each row contains station name, coordinates, and various parameters.

Table with columns: WBO, WR8, WRA, WRA, INKA, ASAR. Each row contains station name, coordinates, and various parameters.

2020 JUN

Table with columns: NIUE, TAU, MXZ, CMAR, CMAR, SONM, BILL, AIS, E19K, G21K, MLY, ILAR, J25K, O28M, M29M, H27K, J30M, H31M, YKA, TORD. Each row contains station name, coordinates, and various parameters.

OSPL 02 15:46:21.9, 2.0, 20.39N; 71.23W, h6km, 11km, ML2.9, Presumed earthquake

SSNC 02 15:46:21.9, 1.2, 20.36N; 71.34W, h2km, 7km, MD3.4, Presumed earthquake

OSPL 02 15:46:21.9, 2.0, 20.39N; 71.23W, h6km, 11km, ML2.9, Presumed earthquake

SSNC 02 15:46:21.9, 1.2, 20.36N; 71.34W, h2km, 7km, MD3.4, Presumed earthquake

OSPL 02 15:46:21.9, 2.0, 20.39N; 71.23W, h6km, 11km, ML2.9, Presumed earthquake

SSNC 02 15:46:21.9, 1.2, 20.36N; 71.34W, h2km, 7km, MD3.4, Presumed earthquake

OSPL 02 15:46:21.9, 2.0, 20.39N; 71.23W, h6km, 11km, ML2.9, Presumed earthquake

SSNC 02 15:46:21.9, 1.2, 20.36N; 71.34W, h2km, 7km, MD3.4, Presumed earthquake

OSPL 02 15:46:21.9, 2.0, 20.39N; 71.23W, h6km, 11km, ML2.9, Presumed earthquake

SSNC 02 15:46:21.9, 1.2, 20.36N; 71.34W, h2km, 7km, MD3.4, Presumed earthquake

OSPL 02 15:46:21.9, 2.0, 20.39N; 71.23W, h6km, 11km, ML2.9, Presumed earthquake

SSNC 02 15:46:21.9, 1.2, 20.36N; 71.34W, h2km, 7km, MD3.4, Presumed earthquake

OSPL 02 15:46:21.9, 2.0, 20.39N; 71.23W, h6km, 11km, ML2.9, Presumed earthquake

SSNC 02 15:46:21.9, 1.2, 20.36N; 71.34W, h2km, 7km, MD3.4, Presumed earthquake

OSPL 02 15:46:21.9, 2.0, 20.39N; 71.23W, h6km, 11km, ML2.9, Presumed earthquake

SSNC 02 15:46:21.9, 1.2, 20.36N; 71.34W, h2km, 7km, MD3.4, Presumed earthquake

OSPL 02 15:46:21.9, 2.0, 20.39N; 71.23W, h6km, 11km, ML2.9, Presumed earthquake

SSNC 02 15:46:21.9, 1.2, 20.36N; 71.34W, h2km, 7km, MD3.4, Presumed earthquake

OSPL 02 15:46:21.9, 2.0, 20.39N; 71.23W, h6km, 11km, ML2.9, Presumed earthquake

SSNC 02 15:46:21.9, 1.2, 20.36N; 71.34W, h2km, 7km, MD3.4, Presumed earthquake

OSPL 02 15:46:21.9, 2.0, 20.39N; 71.23W, h6km, 11km, ML2.9, Presumed earthquake

Table with columns: MASAC, MASAC, MASAC, MASAC, MASAC. Each row contains station name, coordinates, and various parameters.

OSPL 02 15:59:53.2, 0.6, 20.36N; 70.99W, h1km, 6km, ML2.1, Presumed earthquake

SDD 02 15:59:53.2, 0.6, 20.36N; 70.99W, h1km, 6km, ML2.1, Presumed earthquake

OSPL 02 15:59:53.2, 0.6, 20.36N; 70.99W, h1km, 6km, ML2.1, Presumed earthquake

SDD 02 15:59:53.2, 0.6, 20.36N; 70.99W, h1km, 6km, ML2.1, Presumed earthquake

OSPL 02 15:59:53.2, 0.6, 20.36N; 70.99W, h1km, 6km, ML2.1, Presumed earthquake

SDD 02 15:59:53.2, 0.6, 20.36N; 70.99W, h1km, 6km, ML2.1, Presumed earthquake

OSPL 02 15:59:53.2, 0.6, 20.36N; 70.99W, h1km, 6km, ML2.1, Presumed earthquake

SDD 02 15:59:53.2, 0.6, 20.36N; 70.99W, h1km, 6km, ML2.1, Presumed earthquake

OSPL 02 15:59:53.2, 0.6, 20.36N; 70.99W, h1km, 6km, ML2.1, Presumed earthquake

SDD 02 15:59:53.2, 0.6, 20.36N; 70.99W, h1km, 6km, ML2.1, Presumed earthquake

OSPL 02 15:59:53.2, 0.6, 20.36N; 70.99W, h1km, 6km, ML2.1, Presumed earthquake

SDD 02 15:59:53.2, 0.6, 20.36N; 70.99W, h1km, 6km, ML2.1, Presumed earthquake

OSPL 02 15:59:53.2, 0.6, 20.36N; 70.99W, h1km, 6km, ML2.1, Presumed earthquake

SDD 02 15:59:53.2, 0.6, 20.36N; 70.99W, h1km, 6km, ML2.1, Presumed earthquake

OSPL 02 15:59:53.2, 0.6, 20.36N; 70.99W, h1km, 6km, ML2.1, Presumed earthquake

SDD 02 15:59:53.2, 0.6, 20.36N; 70.99W, h1km, 6km, ML2.1, Presumed earthquake

OSPL 02 15:59:53.2, 0.6, 20.36N; 70.99W, h1km, 6km, ML2.1, Presumed earthquake

SDD 02 15:59:53.2, 0.6, 20.36N; 70.99W, h1km, 6km, ML2.1, Presumed earthquake

OSPL 02 15:59:53.2, 0.6, 20.36N; 70.99W, h1km, 6km, ML2.1, Presumed earthquake

SDD 02 15:59:53.2, 0.6, 20.36N; 70.99W, h1km, 6km, ML2.1, Presumed earthquake

OSPL 02 15:59:53.2, 0.6, 20.36N; 70.99W, h1km, 6km, ML2.1, Presumed earthquake

SDD 02 15:59:53.2, 0.6, 20.36N; 70.99W, h1km, 6km, ML2.1, Presumed earthquake

OSPL 02 15:59:53.2, 0.6, 20.36N; 70.99W, h1km, 6km, ML2.1, Presumed earthquake

SDD 02 15:59:53.2, 0.6, 20.36N; 70.99W, h1km, 6km, ML2.1, Presumed earthquake

OSPL 02 15:59:53.2, 0.6, 20.36N; 70.99W, h1km, 6km, ML2.1, Presumed earthquake

SDD 02 15:59:53.2, 0.6, 20.36N; 70.99W, h1km, 6km, ML2.1, Presumed earthquake

OSPL 02 15:59:53.2, 0.6, 20.36N; 70.99W, h1km, 6km, ML2.1, Presumed earthquake

SDD 02 15:59:53.2, 0.6, 20.36N; 70.99W, h1km, 6km, ML2.1, Presumed earthquake

OSPL 02 15:59:53.2, 0.6, 20.36N; 70.99W, h1km, 6km, ML2.1, Presumed earthquake

SDD 02 15:59:53.2, 0.6, 20.36N; 70.99W, h1km, 6km, ML2.1, Presumed earthquake

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like GMN Gold Mountain, M16K Timber Creek, K15K Wolf Creek Mts, etc.

IDC 02 18:06:57.9-1.5, 10.33S-71.91W, h0km, mb3.5/3, mbmp3.6/6, ML3.3/3, MS3.0/4, Error ellipse: s-maj=58.5km s-min=19.7km az=41.0

ISC 02 18:07:02.9-0.9, 10.14S-02.72W, h120km, h35km, n7, r189/77, Peru-Brazil border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like LPAZ La Paz, ATAH Atahualpa, SIV San Ignacio, etc.

KRSC 02 18:07:55.6-0.8, 52.90N-158.70E, h120km, 7km, ML3.8

IDC 02 18:07:57.1-1.3, 52.99N-158.42E, h119km, 7km, mb3.2/6, mbmp3.6/6, Error ellipse: s-maj=39.2km s-min=22.5km az=117.0

ISC 02 18:07:56.7-0.8, 52.90N-158.70E, h121km, 5km, n41, r089/45, mb3.3/6, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like PET Petropavlovsk, DALK Dalny, INSR Institute, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like KDTR Khodutka, M16K Timber Creek, K15K Wolf Creek Mts, etc.

KRSC 02 18:12:07.5-1.3, 51.67N-158.40E, h76km, 16km, ML3.6, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like KDTR Khodutka, RUS Russkaya, ASAK Asacha, etc.

IDC 02 18:23:23.0-3.1, 8.25N-126.98E, h0km, mb3.6/4, mbmp3.6/4, MS2.7/1, Error ellipse: s-maj=308.5km s-min=27.6km az=67.0

MAN 02 18:23:23.0, 8.05N-127.22E, h11km, MS4.2

ISC 02 18:23:23.0-2.4, 8.10N-127.26E, h0km, 12km, n20, r173/29, mb3.7/4, Philippine islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like CDOP Cateel, BIPH Bislig, TANDAG Tandag City, etc.

IDC 02 18:36:26.8-0.9, 44.23N-115.33W, h0km, mbmp3.2/5, ML3.6/4, Error ellipse: s-maj=11.4km s-min=7.2km az=83.0

NEIC 02 18:36:27.1-1.3, 44.285N-115.070W, 0.03, h10km, 2km, ML3.3/12, ML3.7/31 (BUT), Error ellipse: s-maj=4.0km s-min=3.1km az=248.0

BUT 02 18:36:27.9-1.5, 44.29N-115.07W, 0.05, h0km, 5km, Error ellipse: s-maj=5.6km s-min=2.4km az=79.0

ISC 02 18:36:27.6-0.8, 44.28N-115.08W, 0.03, h11km, n82, r150/86, Western Idaho

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like KDTR Khodutka, M16K Timber Creek, K15K Wolf Creek Mts, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like MCMT McKenzie Canyon, BMO Blue Mountains, BMO 249nm, 0.3s, etc.

IDC 02 18:36:27.6-0.8, 44.28N-115.08W, 0.03, h11km, n82, r150/86, Western Idaho

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like YHM Yellowstone, MOYW Moxie Hill, YNR Norris Junction, etc.

IDC 02 18:36:27.6-0.8, 44.28N-115.08W, 0.03, h11km, n82, r150/86, Western Idaho

ISC 02 18:36:27.6-0.8, 44.28N-115.08W, 0.03, h11km, n82, r150/86, Western Idaho

ISC 02 18:36:27.6-0.8, 44.28N-115.08W, 0.03, h11km, n82, r150/86, Western Idaho

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like ELK Elko, SPUT South Promonto, YMP Mirror Lake, etc.

IDC 02 18:36:27.6-0.8, 44.28N-115.08W, 0.03, h11km, n82, r150/86, Western Idaho

ISC 02 18:36:27.6-0.8, 44.28N-115.08W, 0.03, h11km, n82, r150/86, Western Idaho

ISC 02 18:36:27.6-0.8, 44.28N-115.08W, 0.03, h11km, n82, r150/86, Western Idaho

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h m s, I SC. Includes stations like PDAR Pinedale Array, TORD Torodi Ar. Bea, YKA Yellowknife Ar, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for various stations like CNBA, ATKA, SPJA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like ZALV, BVAR, HFS, EKA, AKASG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, SNR, and other technical details for stations like NOR, KBS, SPJA, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YUK3, MOOSE CREEK, HAINES JUNCTION, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SDDR, PRESA DE SABAN, LONE3, etc.

IDC 02 23:18:29.4+1.2,38.26N:22.66E, h0km, mb3.2/6, mbtmp3.3/7, MLO.9/1, Error ellipse: s-maj=29.5km s-min=22.7km az=142.0

ATH 02 23:18:31.9,38.19N:22.66E, h9km, ML2.9/34, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km

THE 02 23:18:32.0,38.21N:0.9,22.6E:0.6, h3km, 1km, M2.9/36, MLh2.9/36

ISC 02 23:18:32.0+0.8,38.19N:0.02,22.65E:0.01, h14km, gkm, n127, o078/158, mb3.4/4, Greece

ID1 2.9nm,0.3s,baz=97,slo=21,SNR=4.1 1.9nm,0.3s

ID1 Anoyia 3.40 147 P Pn 23 19 25.7+0.9

ESDC Sonsea Array 20.74 282 P Pn 23 23 11.6+0.0

TORD Torodi Ar. Bea 31.13 222 P Pn 23 24 50.2+0.1

BVAR Borovoye Array 35.83 50 P P 23 25 30.5+0.4

KURBB Kurchatov Arra 40.87 54 P P 23 26 11.6+1.7

MKAR Maknachi Array 43.86 59 P P 23 26 36.6+1.1

ZALV Zalesovo Beam 44.43 48 P P 23 26 41.7+0.5

SDDR comp=N,19nm,0.7s IAML 23 21 34.0

SDDR Presa de Saban 1.48 197 i P Pn 23 21 11.1+0.1

LONE3 EI Aguacate, B 1.88 198 i P Pn 23 21 16.9+0.0

SMDR Samana, DR 1.91 125 i P Pg 23 21 20.7+0.5

HATOM Hato Mayor del 2.11 139 i P Pb 23 21 23.4+0.3

IDC 02 23:22:11.6:0.7,37.37N:35.94E, h0km, mb3.8/15, mbtmp3.8/22, ML3.5/6, MS3.3/24, Error ellipse: s-maj=15.4km s-min=11.4km az=87.0

MCSM 02 23:22:12.0:0.5,37.37N:33.36E, h13km,3km, mb4.2, ML4.1

ISK 02 23:22:12.8:0.3,37.31N:36.02E, h10km, ML4.0/29 AFAD 02 23:22:13.2:0.3,37.34N:36.04E, h29km,1km, MW4.0

GII 02 23:22:14.4:0.0,37.398N:0.002:36.123E:0.001, h0km, MW4.0, confirmed

NIC 02 23:22:20.9,36.86N:35.68E, h15km,31km, ML3.7/14 ISC 02 23:22:13.2:1.1,37.35N:0.02:36.00E:0.02, h11km,8km, n187, o171/223, mb3.9/16, MS3.3/14, Turkey

Code Station Name Azimuth Phase ID Time Res Includes stations like ANDN, KAMA, CAYT, etc.

Code Station Name Azimuth Phase ID Time Res Includes stations like ANDN, KAMA, CAYT, etc.

Code Station Name Azimuth Phase ID Time Res Includes stations like ANDN, KAMA, CAYT, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like ATHAL, HWQ, CSS, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like AKASJ, AKASG, MI28, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like HEKM, KARP, etc.

s-min=14.6km az=167.0
AFAD 02:23:59:06.1, 35:41N-26:99E, h12km, 2km, ML2.7
ISK 02:23:59:07.4, 35:35N-26:84E, h15km, ML3.1/11
ISC 02:23:59:06.6:1.8, 35:34N-0:06:26.87E, 0:04, h9km, 13km,
n41, c1517/151, mb3.3/4, Crete

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like KARP Karpathos, ZKR Zakros, ARK Arkhangelos, etc.

THE 03:00:05:28.0, 36°N-2°27'E, h3km, 2km, M2, 8/9, MLh2, 8/9
IDC 03:00:05:27.5, 1.2, 35:27N-26:69E, h0km, mb3.1/4,
mbtmp3.27, ML3.0/3, Error ellipse: s-maj=33.4km
s-min=16.6km az=179.0

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like KARP Karpathos, ZKR Zakros, ARK Arkhangelos, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like DALY Dalyan (Mula), YER Yerkesik, etc.

NEIC 03:00:27:02.7, 1.4, 17.6S:0:2-178.5W:0:1, h575km, 6km,
mb4.2/19, Error ellipse: s-maj=24.7km s-min=15.8km
az=146.0

IDC 03:00:27:02.3, 1.4, 17.82S:178:57W, h559km, 18km, mb3.5/4,
mbtmp4.4/6, Error ellipse: s-maj=43.6km s-min=22.5km
az=161.0

ISC 03:00:27:00.6:0.8, 17.7S:0:1-178.5W:0:1, h547km, n32,
c1566:32, mb4.2/15, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like MSVF Nonsavu, MSVF Nonsavu, FUTU Futugato, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like MDSM Mandiavato, DGRM Ambotahisroa, ABM Ambotiamarabe, etc.

IDC 03:01:15:30.7, 3.6, 6:36S:147.74E, h0km, mb3.4/1,
mbtmp3.6/3, ML3.6/1, Error ellipse: s-maj=90.9km
s-min=36.0km az=96.0, Eastern New Guinea region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like PMG Port Moresby, PMG Port Moresby, WRA Alice Springs, etc.

TAP 03:01:16:08.9, 23:76N-121:55E, h20km, ML3.6, B
ISC 03:01:16:09.4:0.8, 23.77N:0:02-121.54E:0:02, h20km, 2km,
n78, c0662/131, 3C-14D, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Lists stations like SHUL Shoufeng, SHUL Shoufeng, JTEG Jichi Village, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Retalhuleu, Alotenango, OSOP, San Vicente Pa, Labor Ovalle, etc.

WEL 03 02:12:54.8-1.0,35°S,18°17'9"E,211, h268km,20km, M3.7/12, ML3.6/13, ML3.7/12, Error ellipse: s-maj=34.1km s-min=11.8km az=131.0, confirmed, Off east coast of North Island

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

IDC 03 02:28:57.3-1.1,53°45'N,167.94E, h0km, mb3.7/10, mbmp3.7/12, ML4.0/2, MS2.9/7, Error ellipse: s-maj=29.9km s-min=19.7km az=179.0, NEIC 03 02:28:58.3-1.3,53°3'N,0.1x:168°06'E,0.08, h10km,1km, mb4.1/22, Error ellipse: s-maj=22.5km s-min=8.1km az=182.0, MOS 03 02:28:58.9-0.9,53°43'N,168°03'E, h30km, mb4.2/1, Error ellipse: s-maj=9.8km s-min=6.3km az=20.7, KRSC 03 02:29:01.0-1.5,53°46'N,167°45'E, h31km,28km,ML4.5, ISC 03 02:29:58.3-1.5,53°37'N,0.06:167°36'E,0.04, h10km, n128, +153°127,mb4.0/20, MS3.0/4, Komandorsky Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BKI, SHEM, SHEM, SHER, SHER, SHER, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BIL, GAMB, YSS, K15K, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ILAR, ILAR, F25K, F25K, etc.

comp=Z,0.6nm,0.6s,baz=302,slow=4.6,SNR=9.0 comp=Z,0.6nm,0.6s TXAR Lajitas Array 66.11 73 P P 02 39 45.5 -0.1 GERES GRESS Array B 75.85 343 P P 02 40 45.0 +0.6 GERES GRESS Array B 75.85 343 P P 02 40 45.0 +0.6 ASAR Alice Springs 82.21 211 P P 02 41 19.9 +0.6 GSPA South Pole Qui 143.12 180 PKHP PKPpre 02 48 26.9

IDC 03 02:32:43.9-0.8,35°45'N,26°77'E, h0km, mb3.7/9, mbmp3.6/18, ML3.4/9, MS2.8/11, Error ellipse: s-maj=18.9km s-min=12.1km az=175.0, ISK 03 02:32:45.5,35°52'N,26°74'E, h6km, ML3.6/19 THE 03 02:32:46.7,36°N,3°27'E, h4km,2km, ML3.6/15, MLh3.6/15, ATH 03 02:32:46.3,35°57'N,26°71'E, h5km,2km, ML3.7/6, Latitude uncertainty: 1 km; Longitude uncertainty: 0 km MCSM 03 02:32:47.2,0.7,35°N,6°27'E, h10km,3km, mb4.0, mb3.4, ML3.6, Mw(B)3.2

AFAD 03 02:32:47.6,35°52'N,26°92'E, h14km,2km, MW3.8, ISC 03 02:32:46.2,9.9,35.48N,0.03,26°77'E,0.02, h12km,6km, n136, +154°170,mb3.6/6,MS2.9/4,Crete

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

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

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

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

3d 3h

Table with 4 columns: Station Name, Azimuth, Elevation, and other parameters. Includes stations like PV18, MT01, NEIC, etc.

KRSC 03 03:17:14.4, 1.0, 55.48N, 164.56E, h47km, 22km, M14, 6, Feit [II-III] at Nikolskoe

MOS 03 03:17:15.3, 0.3, 55.57N, 164.66E, h49km, mb4.5/20, Error ellipse: s-maj=6.4km s-min=5.0km az=50.6

ISC 03 03:17:15.3, 0.3, 55.57N, 164.66E, 0.03, h22km, m546, 0.059/479, mb4.5/139, MS3.3/13, 10C-1D, Komandorsky Islands region

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Time, Res, and other parameters. Lists numerous stations like RAO, GLKZ, Nonsavu, NIUE, etc.

Main station list table with columns: Code, Station Name, Azimuth, Elevation, Time, Res, and other parameters. Lists numerous stations like BKI, Bering, Krutoberegovo, etc.

Main station list table with columns: Station Name, Azimuth, Elevation, Time, Res, and other parameters. Lists numerous stations like F15K, G15K, M14K, etc.

ISC 03 03:17:14.6, 0.5, 55.67N, 164.68E, h0km, mb4.1/22, mb4.1/24, M3.3/2, MS3.2/16, Error ellipse: s-maj=17.7km s-min=12.1km az=160.0

NEIC 03 03:17:14.4, 1.5, 55.63N, 164.6E, 0.1, h10km, 1km, mb4.5/228, Error ellipse: s-maj=15.9km s-min=11.5km az=162.0

ISC 03 03:17:14.4, 1.5, 55.63N, 164.6E, 0.1, h10km, 1km, mb4.5/228, Error ellipse: s-maj=15.9km s-min=11.5km az=162.0

H20K	comp=Z,8.5nm,0.5s Anotleneega Mo baz=262,SNR=19	21.83	47	P	P	03 22 06.3 +0.6
D20K	Etlvuk River baz=253,SNR=6.7	21.87	38	P	P	03 22 06.7 +0.6
N19K	Bonanza Creek baz=275	21.88	59	P	P	03 22 07.1 +0.7
Q18K	Katmai Hardscr baz=280	21.88	65	P	P	03 22 06.4 -0.1
E20K	Nigu River baz=254,SNR=9.3	21.89	39	P	P	03 22 07.0 +0.6
I20K	Naaghedeneel comp=Z,30nm,1.2s baz=265	21.92	49	I Amb	I Amb	03 22 08.7
I20K	Naaghedeneel baz=265	21.92	49	P	P	03 22 06.4 -0.2
K20K	Telida baz=269,SNR=8.8	22.01	53	P	P	03 22 08.0 +0.3
J20K	Novinta River baz=266,SNR=16	22.01	50	P	P	03 22 07.7 0.0
TIXI	Tiksi	22.09	330	i P	pmax	03 22 08.6 +0.2
B20K	comp=Z,4.0nm,0.4s Meade River baz=249	22.12	34	P	P	03 22 08.8 +0.1
M20K	Styx River baz=273	22.46	56	P	P	03 22 12.9 +0.2
G21K	Allakact baz=278	22.53	44	P	P	03 22 13.4 +0.2
Q19K	Cape Douglas, baz=280	22.53	64	P	P	03 22 13.8 +0.4
P19K	Oil Pt baz=278	22.63	62	P	P	03 22 15.0 +0.6
C21K	Knifblade Rid baz=254,SNR=7.4	22.64	37	P	P	03 22 14.8 +0.5
F21K	Alatna River baz=260,SNR=12	22.66	42	P	P	03 22 14.5 -0.1
H21K	Melozitna River comp=Z,26nm,1.5s	22.71	47	I Amb	I Amb	03 22 17.1
H21K	Melozitna River baz=264,SNR=13	22.71	47	P	P	03 22 15.5 +0.4
CHUM	Lake Minchin baz=269,SNR=5.7	22.81	51	P	P	03 22 16.3 +0.2
B21K	Ikkipuk River baz=271	22.83	36	P	P	03 22 16.1 -0.2
B21K	comp=Z,1.7nm,1.2s Ikkipuk River baz=253,SNR=5.4	22.83	36	I Amb	I Amb	03 22 17.6
B21K	Ikkipuk River baz=253,SNR=5.4	22.83	36	P	P	03 22 16.4 +0.2
PPLA	Purkypile baz=27	22.86	54	P	P	03 22 17.0 0.0
O20K	Slope Mountain baz=278	22.88	61	P	P	03 22 17.2 +0.2
HEH	HeiHe	22.88	272	eP	LR	03 22 12.6 -4.4
HEH	comp=N,130nm,12.5s			LR	LR	
HEH	comp=E,130nm,13.2s			LR	LR	
CAST	comp=Z,190nm,14.0s Castle Rocks baz=270,SNR=8.4	22.91	52	P	P	03 22 17.4 +0.2
SPICR	Spurr Chakacha baz=275	22.95	58	P	P	03 22 17.5 -0.3
I21K	Tanana baz=266	23.01	48	P	P	03 22 18.2 -0.1
OHAK	Old Harbor baz=284	23.07	68	P	P	03 22 18.9 0.0
A22K	Sinclair Lake baz=249	23.16	33	P	P	03 22 19.5 -0.2
F22K	John River baz=260	23.21	42	P	P	03 22 20.3 0.0
SKT	Skwentna baz=274	23.21	56	P	P	03 22 20.5 +0.2
KDAK	Kodiak Island comp=Z,56nm,20.9s,baz=239,slow=35	23.31	67	LR	LR	03 30 40.2
KDAK	Kodiak Island baz=283	23.31	67	P	P	03 22 21.3 0.0
H22K	Ishatitina Cre baz=265,SNR=13	23.32	46	P	P	03 22 21.0 -0.3
G22K	Bettles baz=263,SNR=24	23.38	43	P	P	03 22 21.1 -0.8
B22K	Teshkepuk Lake comp=Z,4nm,0.8s	23.43	35	I Amb	I Amb	03 22 23.3
B22K	Teshkepuk Lake baz=253,SNR=6.4	23.43	35	P	P	03 22 21.4 -1.0
E22K	Anaktuvuk Pass comp=Z,2.2nm,1.4s	23.45	40	I Amb	I Amb	03 22 23.4
E22K	Anaktuvuk Pass baz=260,SNR=20	23.45	40	P	P	03 22 22.0 -0.7
MLY	Manley comp=Z,8.5nm,0.6s	23.53	48	I Amb	I Amb	03 22 24.4
MLY	Manley baz=268	23.53	48	P	P	03 22 22.8 -0.7
L22K	Petersville comp=Z,7.3nm,0.6s	23.53	55	I Amb	I Amb	03 22 47.2
L22K	Petersville baz=274	23.53	55	P	P	03 22 23.2 -0.4
TRF	Thorofare Moun comp=Z,1.9nm,0.9s	23.71	52	I Amb	I Amb	03 22 26.6
TRF	Thorofare Moun baz=272,SNR=11	23.71	52	P	P	03 22 25.1 -0.3
CUT	Chulitna baz=274	23.77	55	P	P	03 22 25.3 -0.4
M22K	Willow baz=276	23.90	56	P	P	03 22 26.5 -0.5
G23K	Bananza Creek baz=265,SNR=6.0	23.94	44	P	P	03 22 26.7 -0.7
D23K	Nanushuk River baz=259	24.02	39	P	P	03 22 27.4 -0.7
H23K	Yukon River comp=Z,21nm,1.1s	24.06	46	I Amb	I Amb	03 22 30.1
H23K	Yukon River baz=267	24.06	46	P	P	03 22 28.1 -0.5
I23K	Minto, Yukon-K baz=262,SNR=20	24.11	48	P	P	03 22 28.4 -0.5
RC01	Rabbit Creek A baz=278	24.16	58	P	P	03 22 29.2 -0.2
C23K	Iktilik River comp=Z,2.7nm,1.4s	24.23	36	I Amb	I Amb	03 22 30.9
C23K	Iktilik River baz=257,SNR=5.7	24.23	36	P	P	03 22 29.6 -0.4
NEA2	Nenana baz=270,SNR=15	24.23	49	P	P	03 22 29.8 -0.3
O22K	Cooper Landing baz=279	24.25	60	P	P	03 22 29.9 -0.3
E23K	Chandalar comp=Z,2.7nm,1.2s	24.25	41	I Amb	I Amb	03 22 32.2
E23K	Chandalar baz=262,SNR=27	24.25	41	P	P	03 22 29.5 -0.8
MCK	McKinley comp=Z,8.3nm,0.6s	24.31	52	I Amb	I Amb	03 22 32.5
MCK	McKinley baz=272,SNR=5.3	24.31	52	P	P	03 22 30.5 -0.4
RND	Reindeer comp=Z,16nm,1.1s	24.36	52	I Amb	I Amb	03 22 31.5
TOLK	Toolik Lake Re baz=261,SNR=13	24.36	40	P	P	03 22 30.7 -0.6
PMR	Palmer baz=277	24.38	57	P	P	03 22 30.7 -0.8
SEW	Seward baz=280	24.44	60	P	P	03 22 31.3 -0.7
WAT1	Susitna Watana baz=275	24.53	54	P	P	03 22 32.0 -0.9
E24K	Your Creek baz=263,SNR=28	24.68	41	P	P	03 22 33.1 -1.0
D24K	Happy Valley comp=Z,23nm,1.3s	24.71	38	I Amb	I Amb	03 22 35.6
D24K	Happy Valley baz=260,SNR=7.0	24.71	38	P	P	03 22 33.5 -0.9
KNK	Knik Glacier baz=278	24.73	57	P	P	03 22 34.1 -0.5
SML	Sawmill comp=Z,9.4nm,0.5s	24.74	56	I Amb	I Amb	03 22 35.0
SML	Sawmill baz=277	24.74	56	P	P	03 22 34.2 -0.6
H24K	Noodor Dome baz=269,SNR=7.6	24.75	49	P	P	03 22 33.7 -1.1
COLA	College	24.75	49	i P	pmax	03 22 34.4 -0.4
COLA	comp=Z,10.0nm,1.0s	24.75	49	P	P	03 22 34.4 -0.4
F24K	Squaw Lake baz=265,SNR=10.0	24.84	42	P	P	03 22 35.2 -0.5
C24K	Franklin Bluff baz=259	24.86	37	P	P	03 22 35.2 -0.5
WAT6	Susitna Watana baz=276	24.93	54	P	P	03 22 35.9 -0.7
G24K	Hadweenzic Riv baz=267,SNR=16	24.95	44	I Amb	I Amb	03 22 37.3
G24K	Hadweenzic Riv baz=267,SNR=16	24.95	44	P	P	03 22 35.8 -0.7
M23K	Glacier View 25.02	56	P	P	03 22 37.0 -0.3	
DHY	Denali Highway comp=Z,4.8nm,0.5s	25.05	53	I Amb	I Amb	03 22 37.6
DHY	Denali Highway baz=280	25.05	53	P	P	03 22 36.8 -0.9
HDA	Harding Lake comp=Z,6.3nm,0.5s	25.15	50	I Amb	I Amb	03 22 38.2
HDA	Harding Lake baz=272,SNR=6.7	25.15	50	P	P	03 22 37.2 -1.2
IL31	comp=Z,6.9nm,0.6s Eielson Array	25.17	49	I Amb	I Amb	03 22 40.8
ILAR	Eielson Array	25.17	49	P	P	03 22 37.3 -1.2
ILAR	comp=Z,5.0nm,0.8s,baz=264,slow=8.6,SNR=84			PcP	PcP	03 26 09.2 -2.4
ILAR	comp=Z,0.2nm,0.5s,baz=258,slow=3.6,SNR=4.9			LR	LR	03 32 29.2
ILAR	comp=Z,5.4nm,18.4s,baz=250,slow=37			P	P	03 22 37.5 -1.0
ILAR	comp=Z,5.0nm,0.8s Eielson Array	25.17	49	P	PcP	03 26 09.0 -2.7
ILAR	Eielson Array	25.17	49	P	P	03 22 37.5 -1.0
SCM	Sheep Creek Mo baz=278	25.21	56	P	P	03 22 38.6 -0.5
D25K	Kavik River comp=Z,9.4nm,0.6s	25.60	38	I Amb	I Amb	03 22 44.3
D25K	Kavik River baz=275,SNR=6.8	25.60	38	P	P	03 22 41.7 -0.8
K24K	Donnelly Dome baz=275	25.70	51	P	P	03 22 42.2 -1.3
F25K	Christian River baz=267,SNR=6.6	25.71	42	P	P	03 22 43.0 -0.5
MP4K	Tolson, Glenn baz=278	25.71	55	P	P	03 22 42.9 -0.7
PRP	Porcupine Dome comp=Z,14nm,1.0s	25.72	47	I Amb	I Amb	03 22 44.1
PRP	Porcupine Dome baz=271,SNR=6.6	25.72	47	P	P	03 22 43.2 -0.5
E25K	Arctic Village baz=266,SNR=6.5	25.77	41	P	P	03 22 43.4 -0.7
J25K	Salcha River baz=274,SNR=6.8	25.83	49	P	P	03 22 43.4 -1.2
KLU	Klutina baz=280	25.92	56	P	P	03 22 44.6 -0.9
PAX	Paxson baz=280	25.92	53	P	P	03 22 44.6 -1.0
RIDG	Independent Ri comp=Z,8.7nm,1.1s	26.12	51	I Amb	I Amb	03 22 46.3
RIDG	Independent Ri baz=276	26.12	51	P	P	03 22 46.2 -1.1
HARP	HAARP baz=278	26.14	54	P	P	03 22 47.1 -0.3
EYAK	Cordova Ski Ar baz=282	26.17	59	P	P	03 22 47.6 -0.1
MJB9	Matsu-Tunnel	26.17	234	I Amb	I Amb	03 22 48.5 +0.5
MJB9	comp=Z,9.0nm,0.8s			I Amb	I Amb	03 23 06.1
MAJO	Matsushiro	26.18	234	P	P	03 22 49.5 +1.6
MAJO	comp=Z,9.2nm,0.8s			I Amb	I Amb	03 23 04.8
MAJO	Matsushiro	26.18	234	i P	pmax	03 22 47.8 -0.1
MAJO	comp=Z,5.0nm,0.6s			pmax	pmax	
MJAR	Matsushiro Arr	26.18	234	P	P	03 22 49.9 +1.9
MJAR	comp=Z,2.6nm,0.8s,baz=20,slow=7.9,SNR=8.9			LR	LR	03 33 31.0
MJAR	comp=Z,5.9nm,21.9s,baz=34,slow=37			P	P	03 22 48.0 +0.1
MJAR	Matsushiro Arr	26.18	234	P	P	03 22 48.0 +0.1
MJAR	comp=Z,2.0nm,0.9s			pmax	pmax	
F26K	Shenjek River baz=268,SNR=5.8	26.29	42	P	P	03 22 48.2 -0.5
G26K	Porcupine River comp=Z,7.3nm,0.7s	26.41	44	I Amb	I Amb	03 22 50.5
G26K	Porcupine River baz=271	26.41	44	P	P	03 22 48.8 -0.9
CRK	Sand Creek comp=Z,7.5nm,1.0s	26.48	51	I Amb	I Amb	03 22 49.8
SCRK	Sand Creek baz=276,SNR=6.8	26.48	51	P	P	03 22 49.4 -1.2
N25K	Chitina, Valde baz=290	26.53	56	P	P	03 22 50.2 -0.7
C27K	Jago River baz=265	26.57	38	P	P	03 22 50.6 -0.6
BMRM	Bremner River baz=281	26.64	57	P	P	03 22 51.5 -0.5
I26K	Coal Creek Min baz=274	26.72	48	P	P	03 22 52.4 -0.3
KAIM	Kayak Island baz=275	26.95	60	P	P	03 22 54.6 -0.1
M26K	Nabesna, AK baz=280	27.14	54	P	P	03 22 56.6 +0.2
G27K	Doyon Strip baz=272	27.26	44	P	P	03 22 57.1 -0.4
E27K	Golen River baz=270	27.26	41	P	P	03 22 56.7 -0.7
K27K	Chicken comp=Z,7.8nm,0.7s	27.31	50	I Amb	I Amb	03 22 58.0
H27K	Steamboat Moun comp=Z,18nm,1.5s	27.34	45	I Amb	I Amb	03 22 59.1
H27K	Steamboat Moun baz=274,SNR=7.0	27.34	45	P	P	03 22 57.7 -0.5
I27K	Kandik River baz=275	27.34	47	P	P	03 22 58.0 -0.3
CRQE	Cirque baz=283	27.41	58	P	P	03 22 58.9 -0.1
D27M	Malcolm River baz=283	27.51	39	P	P	03 22 59.2 -0.6
L27K	Beaver Creek comp=Z,8.4nm,1.0s	27.56	52	I Amb	I Amb	03 23 01.0
L27K	Beaver Creek baz=279,SNR=9.0	27.56				

GOGA	comp-Z,20nm,1.0s	26.57	27	I	amb	03 27 22.1
SDV	Santo Domingo comp-Z,42nm,1.9s	26.70	90	LR		03 37 02.4
SDV	Santo Domingo comp-Z,281,slow=35	26.70	90	eP		03 27 24.4 +5.2
KANO1	Argentina South comp-Z,36nm,1.0s	26.86	360	I	amb	03 27 25.5
V48A	Smith Brothers comp-Z,12nm,0.9s	27.30	20	I	amb	03 27 29.1
WVT	Waverly	27.35	18	P		03 27 24.4 -0.1
W50A	Signal Mountain comp-Z,20nm,1.3s	27.35	22	I	amb	03 27 29.2
T42A	Van Buren comp-Z,10.0nm,0.8s	27.40	12	I	amb	03 27 30.0
T25A	Trinidad	27.53	348	I	amb	03 27 30.3
S39A	Bolivar comp-Z,13nm,1.0s	27.68	7	I	amb	03 27 30.1
W52A	Murphy comp-Z,16nm,1.1s	27.80	25	I	amb	03 27 34.1
HODGE	Hodges comp-Z,14nm,0.9s	27.81	28	I	amb	03 27 31.4
CPCT	Cooper Cave comp-Z,21nm,1.3s	27.88	23	I	amb	03 27 34.9
BG3	Lake Jessee comp-Z,25nm,1.3s	28.14	26	I	amb	03 27 35.8
R32A	Long Pine comp-Z,28nm,1.1s	28.15	358	I	amb	03 27 37.4
T47A	Sharon Grove comp-Z,25nm,1.0s	28.36	18	I	amb	03 27 36.3
CCM	Cathedral Cave comp-Z,11nm,0.7s	28.36	11	P		03 27 32.9 -0.6
R40A	Maddies Statio comp-Z,11nm,0.7s	28.42	9	I	amb	03 27 36.6
S44A	Carbondale comp-Z,9.8nm,0.9s	28.44	14	I	amb	03 27 37.9
KSU1	Kansas State comp-Z,39nm,1.5s	28.83	2	I	amb	03 27 40.5
KMSC	Kings Mountain comp-Z,16nm,1.0s	28.99	28	I	amb	03 27 42.2
PFO	Pinyon Flats O comp-Z,158nm,20.3s	29.01	326	LR		03 37 32.2
P40A	Paris comp-Z,13nm,0.9s	29.67	9	I	amb	03 27 47.5
PV12	Saunder Basin comp-Z,12nm,0.9s	29.75	342	I	amb	03 27 49.6
WC1	Wyandotte Cave comp-Z,8.1nm,0.8s	29.75	18	P		03 27 46.3 +0.4
HMU	Henry Mountain comp-Z,12nm,0.9s	30.04	339	I	amb	03 27 55.2
R49A	Shelbyville comp-Z,14nm,1.0s	30.17	20	I	amb	03 27 52.0
CZSB	Cruzeiro do Su comp-Z,22nm,1.2s	30.57	125	P		03 27 52.8 -0.6
CZSB	Cruzeiro do Su comp-Z,22nm,1.2s	30.57	125	eP		03 27 57.0 +3.6
V58A	Windy Hill, Pi comp-Z,12nm,0.9s	30.59	31	I	amb	03 27 56.0
MTPU	Mount Pierson comp-Z,8.1nm,0.8s	30.66	337	I	amb	03 27 59.4
N38A	Joes South For comp-Z,20nm,1.1s	30.75	7	I	amb	03 27 58.0
P46A	Rosedale comp-Z,9.2nm,0.8s	30.78	16	I	amb	03 27 57.7
Q16A	Castle Valley comp-Z,9.2nm,1.1s	31.07	339	I	amb	03 28 00.1
O20A	White River C1 comp-Z,2.7nm,0.9s	31.28	344	I	amb	03 28 03.5
TMUT	Trail Mountain comp-Z,9.0nm,1.0s	31.42	340	I	amb	03 28 04.9
Q51A	Peebles comp-Z,21nm,1.3s	31.46	22	I	amb	03 28 20.3
SFIN	Lafayette comp-Z,18nm,1.2s	31.52	16	I	amb	03 28 03.4
SJG	San Juan comp-Z,7.0nm,20.3s	31.54	72	LR		03 39 45.1
N47A	Double Far comp-Z,13nm,0.8s	32.29	31	I	amb	03 28 10.9
T59A	Urbana comp-Z,19nm,1.0s	32.37	17	I	amb	03 28 10.7
P52A	Corning comp-Z,7nm,0.9s	32.45	23	I	amb	03 28 12.2
N49A	Columbus Grove comp-Z,15nm,1.0s	32.87	19	I	amb	03 28 15.4
O52A	Adamsville comp-Z,23nm,1.5s	32.98	23	I	amb	03 28 17.9
TCUT	Toone Canyon comp-Z,25nm,1.6s	33.12	341	I	amb	03 28 18.2
Q56A	Snyder Ridge, comp-Z,17nm,0.9s	33.16	27	I	amb	03 28 25.0
MDPB	Devils Postpil comp-Z,6.8nm,0.9s	33.45	328	I	amb	03 28 24.1
O54A	Avela comp-Z,17nm,0.9s	33.61	24	I	amb	03 28 22.5
HWUT	Hardwar Base comp-Z,8.1nm,0.8s	33.62	341	I	amb	03 28 23.8
NVAR	Mina Array Bea comp-Z,6.2nm,0.9s	33.67	330	P		03 28 21.7 +1.1
NVAR	comp-Z,0.7nm,0.7s	33.67	330	P		03 31 00.0 -0.6
NVAR	comp-Z,1.05nm,18.4s	33.67	330	P		03 41 09.1
I37A	Lemond, Waseco comp-Z,13nm,0.9s	33.92	6	I	amb	03 28 24.1
P57A	Homestead Farm comp-Z,15nm,0.9s	34.05	28	I	amb	03 28 27.1
BW06	Boulder Array comp-Z,9.7nm,1.1s	34.09	344	I	amb	03 28 27.6
PD31	Pinedale Array comp-Z,8.2nm,1.0s	34.09	344	P		03 28 24.9 +0.6
PDAR	Pinedale Array comp-Z,4.6nm,0.8s	34.09	344	P		03 31 01.1 -0.6
PDAR	comp-Z,0.4nm,0.5s	34.09	344	P		03 42 45.1
PDAR	comp-Z,4.05nm,18.6s	34.09	344	P		03 28 24.7 +0.4
PDAR	comp-Z,4.6nm,0.8s	34.09	344	P		03 31 00.9 -0.8
ELK	Eiko comp-Z,206nm,18.2s	34.19	336	LR		03 43 27.6
EKR	Eagle Creek comp-Z,12nm,0.9s	34.87	342	I	amb	03 28 33.9
SSPA	Standing Stone comp-Z,24nm,1.1s	35.04	27	P		03 28 32.5 +0.3
SNOW	Snow King Moun comp-Z,11nm,1.3s	35.06	343	I	amb	03 28 40.1
MVL	Millersville comp-Z,19nm,0.8s	35.24	29	I	amb	03 28 37.0
G40A	Rib Lake comp-Z,22nm,1.3s	35.56	9	I	amb	03 28 39.0
F33A	5 Mile Ranch, comp-Z,11nm,1.3s	35.56	2	I	amb	03 28 38.5
TEFE	Tefe comp-Z,11nm,1.3s	35.61	111	eP		03 28 37.7 +0.2
N58A	Sunbury comp-Z,13nm,1.0s	35.73	28	I	amb	03 28 41.9
M57A	Sunshine Farm, comp-Z,17nm,0.8s	35.95	27	I	amb	03 28 43.0
E38A	The Farm, Brul comp-Z,24nm,1.2s	36.68	7	I	amb	03 28 48.6
BINY	Binghamton comp-Z,30nm,1.1s	37.15	27	I	amb	03 28 53.4
L59A	Walton comp-Z,19nm,1.0s	37.57	28	I	amb	03 28 57.0
J08A	Circle Bar comp-Z,11nm,1.0s	37.69	335	I	amb	03 28 59.2
BOAV	Boa Vista comp-Z,37nm,0.9s	37.70	99	P		03 28 56.0 +0.7
BOAV	Boa Vista comp-Z,37nm,0.9s	37.70	99	eP		03 28 57.2 +1.9
SADO	Sadowa comp-Z,119nm,19.2s	38.00	22	LR		03 46 05.6
SADO	Sadowa comp-Z,119nm,19.2s	38.00	22	LR		03 28 59.4
EYMN	Ely comp-Z,25nm,1.2s	38.01	7	I	amb	03 28 59.7
AGMN	Agassiz Nation comp-Z,17nm,0.8s	38.03	2	I	amb	03 28 59.9
J57A	Williams Town comp-Z,28nm,1.3s	38.11	26	I	amb	03 29 01.0
DELO	Deloro Mine comp-Z,25nm,1.2s	38.36	23	I	amb	03 29 02.8
BUKO	Buck Lake comp-Z,26nm,0.9s	38.49	21	I	amb	03 29 03.6
TRY	Troy comp-Z,31nm,1.3s	38.63	29	I	amb	03 29 06.0
RPN	Rapa Nui	38.76	197	LR		03 40 53.0
J59A	Piesco comp-Z,109nm,20.3s	38.81	27	I	amb	03 29 08.1
J04A	Umquinta Nation comp-Z,10nm,1.0s	39.21	331	I	amb	03 29 12.1
LPZA	La Paz comp-Z,6.5nm,1.1s	39.32	132	P		03 29 09.4 -0.2
LPZA	comp-Z,1.4nm,0.6s	39.32	132	P		03 31 17.7 -0.7
LPZA	comp-Z,190nm,20.6s	39.32	132	P		03 43 59.8
LPZA	comp-Z,6.5nm,1.1s	39.32	132	P		03 29 09.1 -0.4
LPZA	comp-Z,21nm,1.4s	39.32	132	P		03 29 15.1
LPZA	La Paz comp-Z,19nm,1.1s	39.32	132	eP		03 31 18.5 +0.2
LPZA	La Paz comp-Z,2.7nm,0.9s	39.32	132	eP		03 29 12.7
EPL0	Experimental L comp-Z,17nm,1.0s	39.52	4	I	amb	03 29 12.5
K02D	Wilamette Mer comp-Z,19nm,1.0s	39.56	330	I	amb	03 29 14.9
J61A	Chester comp-Z,14nm,1.1s	39.63	29	I	amb	03 29 15.2
WBO	Williamsburg comp-Z,19nm,1.1s	39.70	25	I	amb	03 29 14.4
ULM	Laac du Bonnet comp-Z,7.7nm,0.9s	39.99	2	P		03 29 12.6 -1.3
ULM	comp-Z,105nm,19.8s	39.99	2	P		03 46 19.3
BUCK	Buck Mountain comp-Z,68nm,2.0s	40.35	332	I	amb	03 30 26.2
H04A	Detroit Lake comp-Z,11nm,0.8s	40.36	333	P		03 29 15.7 -1.5
HOOD	Mount Hood Mea comp-Z,19nm,1.1s	40.42	334	I	amb	03 29 24.3
MNTQ	Montreal, Queb comp-Z,19nm,1.1s	40.80	26	P		03 29 22.0 +1.2
TRQ	Mont Tremblant comp-Z,35nm,1.5s	40.99	25	I	amb	03 29 22.8 +0.4
NEW	Newport comp-Z,119nm,20.9s	41.34	340	LR		03 47 14.7
NEW	Newport comp-Z,119nm,20.9s	41.34	340	P		03 29 25.9 +0.7
G62A	West of Eustis comp-Z,11nm,0.8s	41.99	29	P		03 29 31.1 +0.5
VILB	Wilhena comp-Z,25nm,1.0s	43.74	121	eP		03 29 45.3 +0.2
VILB	Wilhena comp-Z,25nm,1.0s	43.74	121	eP		03 29 47.9 -1.0
ITTB	Itaituba comp-Z,19nm,1.0s	44.21	107	eP		03 29 50.8 -0.5
FFC	Flin Flon comp-Z,8.7nm,0.8s	44.57	356	I	amb	03 29 53.7
SIV	San Ignacio comp-Z,236nm,21.6s	44.60	125	LR		03 47 17.6
EDM	Edmonton comp-Z,19nm,1.2s	44.75	347	I	amb	03 29 56.0
MDP	Montagnes Des comp-Z,58nm,18.1s	44.90	93	LR		03 47 43.2
NPGS	Novo Progresso comp-Z,8.9nm,0.8s	45.49	110	eP		03 29 57.0 -2.2
BBSD	Serra de San D comp-Z,8.9nm,0.8s	45.83	126	P		03 29 59.9 -0.3
PTLB	Pontes e Lacer comp-Z,8.3nm,1.1s	45.89	123	P		03 30 01.4 -0.9
PTLB	Pontes e Lacer comp-Z,8.3nm,1.1s	45.89	123	P		03 30 02.0 -0.2
PTLB	Goldard comp-Z,13nm,1.1s	45.82	115	eP		03 30 25.5 -1.5
FTCC	Fort Churchill comp-Z,13nm,1.1s	46.52	2	I	amb	03 30 02.1
BBB	Bella Bella comp-Z,56nm,18.3s	48.63	335	LR		03 50 29.5
SALV	Santo Antonio comp-Z,11nm,0.8s	48.98	121	eP		03 30 26.1 -0.2
MURT	Porto Murtinho comp-Z,11nm,0.8s	50.47	129	eP		03 30 36.6 -1.1
MT08	Boatfario Ro comp-Z,8.9nm,0.8s	50.74	150	P		03 30 40.0 +0.2
SCHO	Schefferville comp-Z,8.9nm,0.8s	50.80	23	P		03 30 38.0 -1.7
SNDB	Serra Nova Dou comp-Z,2.2nm,0.9s	51.07	114	eP		03 30 41.7 -0.6
AQDB	Aquidauana comp-Z,22nm,1.8s	51.31	127	P		03 30 43.0 -0.9
AQDB	Aquidauana comp-Z,22nm,1.8s	51.31	127	eP		03 32 13.8
AQDB	Aquidauana comp-Z,22nm,1.8s	51.31	127	eP		03 30 43.4 -0.6
ARAG	Araguaiana, MT comp-Z,19nm,1.0s	52.19	119	eP		03 30 49.8 -0.8
V35K	Ketchikan comp-Z,13nm,0.8s	52.36	336	P		03 30 52.7 +1.5
T35M	Bob Quinn comp-Z,13nm,0.8s	53.05	338	P		03 30 57.7 +1.2
CRAG	Craig comp-Z,13nm,0.8s	53.06	336	P		03 30 57.3 +0.9
AMBA	Amambai (Brazi comp-Z,3.9nm,1.1s	53.19	129	eP		03 30 57.5 -0.5
CPUP	Santa Maria do comp-Z,2.5nm,0.9s	53.42	134	P		03 30 59.1 -0.5
CPUP	Villa Florida comp-Z,2.5nm,0.9s	53.42	134	P		03 53 56.4
CPUP	Villa Florida comp-Z,2.5nm,0.9s	53.42	134	P		03 31 33.0
CPUP	Villa Florida comp-Z,14nm,1.7s	53.42	134	eP		03 30 57.6 -1.9
US3K	Whale Pass comp-Z,14nm,1.7s	53.52	336	P		03 31 01.5 +1.7
KOTAN	Kotaneleele Air comp-Z,14nm,1.7s	53.60	344	P		03 31 02.1 +1.7
YKAW	Yellowknife Wh comp-Z,14nm,1.7s	53.62	350	I	amb	03 31 02.5
YKA	Yellowknife Ar comp-Z,4.8nm,1.0s	53.65	350	P		03 31 00.1 -0.6
YKA	comp-Z,0.8nm,0.8s	53.65	350	P		03 32 06.5 -0.4
YKA	comp-Z,84nm,20.6s	53.65	350	P		03 55 11.8
YKA	Yellowknife Ar comp-Z,4.8nm,1.0s	53.65	350	P		03 31 01.5 +0.8
DLBC	Dease Lake comp-Z,220nm,18.1s	54.08	340	LR		03 32 48.2 +1.3
DLBC	Dease Lake comp-Z,220nm,18.1s	54.08	340	P		03 31 05.3 +1.3
S32K	Killisnoo comp-Z,14nm,1.7s	55.04	337	P		03 31 11.7 +0.9
SIT	Sitka comp-Z,13nm,0.8s	55.05	336	P		03 31 12.1 +1.2
R33M	Jennings River comp-Z,13nm,0.8s	55.12	340	P		03 31 12.9 +1.2
Q32M	Nakina River comp-Z,13nm,0.8s	55.25	339	P		03 31 14.1 +1.5
BDFB	Brasilia comp-Z,2.0nm,0.6s	55.47	117	P		03 31 13.1 -1.7
BDFB	Brasilia comp-Z,2.0nm,0.6s	55.47	117	P		03 53 52.9
BDFB	Brasilia comp-Z,1.13nm,18.8s	55.47	117	P		03 31 14.5 -0.2
BDFB	Brasilia comp-Z,2.0nm,0.6s	55.47	117	P		03 31 33.5
R32N	Egglecresk comp-Z,13nm,1.4s	55.58	337	P		

KDAK	Kodiak Island	63.17 331	LR	LR	03 58 54.7
SML	Sawmill	63.20 336	P	P	03 32 08.1 +0.6
OHAK	Old Harbor	63.27 330	P	P	03 32 08.9 +1.0
I26K	Coal Creek Min	63.31 340	I Amb	I Amb	03 32 10.8
I26K	Coal Creek Min	63.31 340	P	P	03 32 09.1 +1.1
K24K	Donnelly Dome	63.32 338	P	P	03 32 09.2 +1.0
H27K	Steamboat Moun	63.37 342	P	P	03 32 09.7 +1.2
WAT6	Susitna Watana	63.38 337	P	P	03 32 09.7 +0.9
RCM1	Rabbit Creek A	63.42 335	P	P	03 32 09.5 +0.7
PC01	Palme Dome	63.42 335	P	P	03 32 09.4 +0.6
SII	Sitkinan Islan	63.45 329	P	P	03 32 09.5 +0.3
DHY	Denali Highway	63.51 337	I Amb	I Amb	03 32 12.5
DHY	Denali Highway	63.51 337	P	P	03 32 10.4 +0.8
RCBR	Riachuelo	63.55 102	LR	LR	03 59 36.5
HOMR	Home	63.56 333	P	P	03 32 10.5 +0.7
J25K	Salcha River,	63.64 339	I Amb	I Amb	03 32 16.6
J25K	Salcha River,	63.64 339	P	P	03 32 11.2 +0.8
G27K	Doyon Strip	63.79 342	P	P	03 32 12.7 +1.4
E29M	Blow River	63.80 345	P	P	03 32 12.8 +1.6
F28M	Old Crow	63.80 343	P	P	03 32 12.8 +1.5
WAT1	Susitna Watana	63.83 337	P	P	03 32 12.8 +1.3
CAPN	Captain Cook N	63.87 334	P	P	03 32 13.3 +1.5
M22K	Willow	63.91 335	P	P	03 32 13.3 +1.3
CHIR	Chirikof Islan	63.91 328	P	P	03 32 13.0 +0.8
A36M	Sachs Harbour	64.01 351	P	P	03 32 13.5 +1.0
HDA	Harding Lake	64.08 339	I Amb	I Amb	03 32 15.6
HDA	Harding Lake	64.08 339	P	P	03 32 13.8 +0.6
020K	Slope Mountain	64.20 333	P	P	03 32 14.5 +0.4
PRP	Porcupine Dome	64.23 340	I Amb	I Amb	03 32 17.2
PRP	Porcupine Dome	64.23 340	P	P	03 32 15.6 +1.3
IL31	Eielson Array	64.27 339	P	P	03 32 13.8 -0.6
ILAR	Eielson Array	64.27 339	P	P	03 32 14.1 -0.3
ILAR	Eielson Array	64.27 339	LR	LR	03 59 53.8
ILAR	Eielson Array	64.27 339	P	P	03 32 13.7 -0.7
ILAR	Eielson Array	64.28 332	P	P	03 32 15.9 +1.2
CUT	Chulitna	64.29 336	P	P	03 32 15.6 +1.1
E28M	Babbage River	64.39 344	P	P	03 32 16.3 +1.2
RED	Redoubt Volcan	64.41 333	P	P	03 32 15.1 -0.5
SPU	Mout Spurr	64.45 334	I Amb	I Amb	03 32 15.4 -0.3
SPU	Mout Spurr	64.45 334	P	P	03 32 18.4
MCK	McKinley	64.45 337	P	P	03 32 16.5 +0.8
MCK	McKinley	64.45 337	I Amb	I Amb	03 32 18.3
MCK	McKinley	64.45 337	P	P	03 32 16.7 +1.1
RES	Resolute Bay	64.50 1	LR	LR	04 00 28.9
SPCR	Spurr Chakacha	64.52 334	P	P	03 32 17.1 +0.9
CCB	Clear Creek Bu	64.53 339	P	P	03 32 16.6 +0.5
CCB	Clear Creek Bu	64.53 339	I Amb	I Amb	03 32 18.7
G26K	Porcupine River	64.53 342	P	P	03 32 16.8 +0.8
L22K	Petersville	64.56 336	P	P	03 32 17.5 +1.1
SKT	Skwentna	64.60 335	I Amb	I Amb	03 32 16.2 -0.5
SKT	Skwentna	64.60 335	P	P	03 32 19.0
SKT	Skwentna	64.60 335	P	P	03 32 18.1 +1.4
COLA	College	64.67 339	P	P	03 32 18.2 +1.2
E27K	Coleen River	64.67 343	P	P	03 32 17.3 +0.3
E27K	Coleen River	64.67 343	P	P	03 32 18.6 +1.6
D28M	Stokes Point	64.68 345	P	P	03 32 18.7 +1.7
O18K	Katmai Hardscr	64.70 331	P	P	03 32 18.5 +1.1
TRF	Thorofare Moun	64.83 337	I Amb	I Amb	03 32 18.6 +0.3
TRF	Thorofare Moun	64.83 337	P	P	03 32 23.7
TRF	Thorofare Moun	64.83 337	P	P	03 32 19.2 +1.0
SFJD	Kangerlussuaq	64.86 19	LR	LR	04 03 18.5
NEA2	Nenana	64.96 338	P	P	03 32 18.8 -0.2
NEA2	Nenana	64.96 338	I Amb	I Amb	03 32 21.4
NEA2	Nenana	64.96 338	P	P	03 32 20.4 +1.4
R17L	Mt. Peulik Vol	64.96 330	P	P	03 32 19.8 +0.7
Q17K	Contact Creek	64.97 330	P	P	03 32 20.1 +0.8
O19K	Port Alsworth	65.01 333	P	P	03 32 20.3 +1.0
P18K	Big Mountain,	65.10 332	P	P	03 32 21.2 +1.2
F26K	Sheenjek River	65.10 342	I Amb	I Amb	03 32 19.8 -0.1
F26K	Sheenjek River	65.10 342	P	P	03 32 22.9
F26K	Sheenjek River	65.10 342	P	P	03 32 21.1 +1.5
G25K	Bearman Lake	65.15 341	P	P	03 32 21.3 +1.2
D27M	Malcolm River	65.20 344	P	P	03 32 21.8 +1.3
H24K	Noodor Dome	65.21 340	P	P	03 32 21.9 +1.3
M20K	Styx River	65.23 335	P	P	03 32 20.6 -0.2
M20K	Styx River	65.23 335	I Amb	I Amb	03 32 23.3
M20K	Styx River	65.23 335	P	P	03 32 20.8 0.0
O18K	Koktuh Hills	65.28 332	P	P	03 32 22.0 +0.9
PPLA	Purkeypile	65.31 336	P	P	03 32 22.3 +1.0
N19K	Bonanza Creek	65.35 333	P	P	03 32 21.6 0.0
N19K	Bonanza Creek	65.35 333	P	P	03 32 22.6 +0.9
I23K	Minto, Yukon-K	65.36 339	P	P	03 32 21.4 -0.1
I23K	Minto, Yukon-K	65.36 339	P	P	03 32 22.7 +1.3
F25K	Christian River	65.50 342	I Amb	I Amb	03 32 22.4 0.0
F25K	Christian River	65.50 342	P	P	03 32 25.8
KULLO	Christian River	65.50 342	P	P	03 32 24.0 +1.6
Q16K	King Salmon	65.50 331	P	P	03 32 23.8 +1.4
CAST	Castle Rocks	65.51 336	I Amb	I Amb	03 32 24.6
CAST	Castle Rocks	65.51 336	P	P	03 32 23.7 +1.1
CHGN	Chignik	65.55 328	P	P	03 32 23.5 +0.7
G24K	Hadweencic Riv	65.56 341	P	P	03 32 23.4 +0.6
G24K	Hadweencic Riv	65.56 341	P	P	03 32 24.2 +1.4

P17K	Kvichak River	65.59 331	P	P	03 32 24.1 +1.0
M19K	Big River Lodg	65.77 334	P	P	03 32 25.4 +1.2
H23K	Yukon River	65.78 339	P	P	03 32 25.6 +1.3
E25K	Arctic Village	65.79 342	P	P	03 32 24.9 +0.6
E25K	Arctic Village	65.79 342	I Amb	I Amb	03 32 27.5
MLY	Manley	65.80 338	I Amb	I Amb	03 32 25.1 +0.8
MLY	Manley	65.80 338	P	P	03 32 24.4 0.0
MLY	Manley	65.80 338	P	P	03 32 27.1
CHUM	Lake Minchumin	65.83 337	P	P	03 32 25.4 +1.0
N18K	Kilae Creek	65.92 333	P	P	03 32 25.9 +1.4
N18K	Kilae Creek	65.92 333	I Amb	I Amb	03 32 25.1 -0.1
N18K	Kilae Creek	65.92 333	P	P	03 32 27.7
N18K	Kilae Creek	65.92 333	P	P	03 32 26.2 +1.0
L19K	White Mountain	66.09 334	I Amb	I Amb	03 32 27.6
L19K	White Mountain	66.09 334	P	P	03 32 27.4 +1.0
O17K	Koiganek Bris	66.12 332	P	P	03 32 27.5 +1.0
S14K	Fog Glacier	66.14 327	P	P	03 32 27.1 +0.3
F24K	Squaw Lake	66.16 341	I Amb	I Amb	03 32 29.9
F24K	Squaw Lake	66.16 341	P	P	03 32 29.0 +2.4
C27K	Jago River	66.19 344	P	P	03 32 28.3 +1.5
M18K	Stony River	66.22 334	P	P	03 32 27.8 +0.7
P16K	Nushagak River	66.28 331	P	P	03 32 27.9 +0.4
K20K	Telida	66.28 336	I Amb	I Amb	03 32 29.6
K20K	Telida	66.28 336	P	P	03 32 28.5 +1.0
I21K	Tanana	66.33 338	I Amb	I Amb	03 32 28.7 +1.0
I21K	Tanana	66.33 338	P	P	03 32 30.3
I21K	Tanana	66.33 338	P	P	03 32 29.9 +1.6
I21K	Tanana	66.33 338	P	P	03 32 29.3 +0.7
SDPT	Sand Point	66.35 326	P	P	03 32 29.6 +0.8
G23K	Bananza Creek	66.41 340	I Amb	I Amb	03 32 29.2 +0.8
G23K	Bananza Creek	66.41 340	P	P	03 32 31.2
G23K	Bananza Creek	66.41 340	P	P	03 32 29.9 +1.5
N17K	Nushagak Hills	66.45 332	I Amb	I Amb	03 32 29.3 +0.7
N17K	Nushagak Hills	66.45 332	P	P	03 32 31.9
N17K	Nushagak Hills	66.45 332	P	P	03 32 29.6 +1.0
H22K	Ishatlina Cre	66.46 339	I Amb	I Amb	03 32 29.2 +0.6
H22K	Ishatlina Cre	66.46 339	P	P	03 32 30.7
H22K	Ishatlina Cre	66.46 339	P	P	03 32 29.6 +1.0
O16K	Kokwok River B	66.53 331	I Amb	I Amb	03 32 30.9
O16K	Kokwok River B	66.53 331	P	P	03 32 30.2 +1.1
E24K	Your Creek	66.66 342	P	P	03 32 31.4 +1.6
J20K	Nowinta River	66.68 337	I Amb	I Amb	03 32 32.1 +0.9
J20K	Nowinta River	66.68 337	P	P	03 32 31.3 +1.3
C26K	Camden Bay	66.70 344	P	P	03 32 31.2 +1.2
D25K	Kavir River	66.75 343	P	P	03 32 31.1 +0.7
H21K	Melozitna Riv	66.86 338	I Amb	I Amb	03 32 31.4 +0.3
H21K	Melozitna Riv	66.86 338	P	P	03 32 33.2
H21K	Melozitna Riv	66.86 338	P	P	03 32 32.1 +0.9
H18K	Granite Mounta	66.89 334	P	P	03 32 32.2 +0.8
M17K	Holitna River	66.90 333	P	P	03 32 32.1 +0.7
E23K	Chandalar	67.00 341	P	P	03 32 31.9 -0.3
E23K	Chandalar	67.00 341	P	P	03 32 33.1 +0.9
G22K	Bettles	67.03 340	P	P	03 32 33.4 +1.3
I20K	Naanedeneel	67.08 337	P	P	03 32 33.7 +1.2
N16K	Nishlik Lake	67.16 332	P	P	03 32 34.0 +0.8
J19K	Poorman	67.18 336	P	P	03 32 34.0 +0.8
O15K	Ungalak River	67.22 330	P	P	03 32 34.0 +0.5
TOLK	Toolik Lake Re	67.31 342	P	P	03 32 35.2 +1.2
D24K	Happy Valley	67.36 342	P	P	03 32 35.6 +1.3
M16K	Timber Creek	67.44 332	P	P	03 32 35.7 +0.8
G21K	Allakaket	67.52 339	I Amb	I Amb	03 32 37.8
G21K	Allakaket	67.52 339	P	P	03 32 36.6 +1.3
F22K	John River	67.55 340	P	P	03 32 36.4 +0.9
H20K	Anotiniiega Mo	67.55 338	P	P	03 32 36.5 +0.9
L17K	Donlin	67.55 334	P	P	03 32 36.6 +1.0
C24K	Franklin Bluff	67.64 343	P	P	03 32 36.2 +0.2
C24K	Franklin Bluff	67.64 343	P	P	03 32 37.2 +1.1
N15K	Kwetzlak River	67.67 331	P	P	03 32 36.9 +0.5
E22K	Anaktuvuk Pass	67.75 341	I Amb	I Amb	03 32 37.4 +0.6
E22K	Anaktuvuk Pass	67.75 341	P	P	03 32 39.6
E22K	Anaktuvuk Pass	67.75 341	P	P	03 32 38.3 +1.5
K17K	Iditarod	67.77 334	P	P	03 32 37.9 +0.9
D23K	Narszhuk River	67.82 342	P	P	03 32 38.6 +1.4
MG03	Isla Dawson	67.83 163	P	P	03 32 37.5 +0.2
F21K	Alatina River	67.85 340	P	P	03 32 37.5 0.0
F21K	Alatina River	67.85 340	P	P	03 32 38.4 +1.0
L16K	Owhat River	67.92 333	P	P	03 32 40.0
L16K	Owhat River	67.92 333	P	P	03 32 39.0 +1.1
O14K	Tiguykaiuvet M	67.94 330	P	P	03 32 38.7 +0.6
GCSA	Galena City Sc	67.99 337	P	P	03 32 39.7 +1.4
M15K	Kasliuk River	68.13 332	P	P	03 32 40.4 +1.2
H19K	Roundabout Mou	68.15 337	I Amb	I Amb	03 32 39.9 +0.6
H19K	Roundabout Mou	68.15 337	P	P	03 32 41.5
H19K	Roundabout Mou	68.15 337	P	P	03 32 40.4 +1.1
C23K	Itkillik River	68.27 343	P	P	03 32 40.1 +0.2
C23K	Itkillik River	68.27 343	P	P	03 32 41.5 +1.6
KULLO	Kullorsuaq	68.32 11	I Amb	I Amb	03 32 35.6 -4.6
KULLO	Kullorsuaq	68.32 11	P	P	03 32 42.3
N14K	Kuskokwak Cree	68.35 331	P	P	03 32 41.0 +0.4
J17K	VABM Dome	68.36 335	P	P	03 32 41.9 +1.3
F20K	Avaraart Lake	68.55 339	I Amb	I Amb	03 32 41.8 +0.1
F20K	Avaraart Lake	68.55 339	P	P	03 32 44.8
F20K	Avaraart Lake	68.55 339	P	P	03 32 43.2 +1.5

E21K	Killik River	68.60 341	P	P	03 32 43.3 +1.2
G19K	Purcell Mouna	68.65 338	I Amb	I Amb	03 32 41.9 -0.5
G19K	Purcell Mouna	68.65 338	P	P	03 32 45.1
G19K	Purcell Mouna	68.65 338	P	P	03 32 43.7 +1.3
ANGG	Ammassalik, Gr	68.67 23	i P	I Amb	03 32 43.4 +0.9
ANGG	Ammassalik, Gr	68.67 23	P	P	03 32 44.6
H18K	Honhosa River	68.73 337	P	P	

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MMAL, EIL, EIL, AKASA, GERS, ESDC, NOA, EKA, TOR, KURB, MKAR, ZALV.

TAP 03 04:27:14.8, 24:39N: 121:99E, h19km, ML3.5, B
JMA 03 04:27:14.4, 0.1, 24:3N: 0.8: 122:0E: 0.6, h41km, 2km,
MV2.7/12, TAIWAN REGION
ISC 03 04:27:14.9, 0.9, 24:36N: 0.02: 122:03E: 0.02, h26km, 5km,
n96, c0575/158, 3C-10D, Taiwan region

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists numerous stations including EOSE, EWUT, EAHU, EOH, EOA, EOD, EOA, EOD, EOA, EOD, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like EHY, SSSL, SSSL, SSSL, etc.

ICC 03 04:36:22.3, 0.8, 35:18N: 117:13W, h0km, mb3.4/3,
mbmp3.5/9, ML3.5/4, MS2.8/6, Error ellipse: s-maj=16.3km
s-min=5.7km, az=74.0

NEIC 03 04:36:22.8, 35:23N: 117:17W, h14km
NEIC 03 04:36:23.1, 1.0, 35:22N: 0:007: 117:183W: 0:010,
h5km, 1km, mb4.3/22, ML4.1/200, Mwr3.9/175,
Mwr3.9/6(PAS), Error ellipse: s-maj=2.0km s-min=1.3km
az=56.0, Moment Tensor Solution. Moment tensor: Scale
10^14Nm; Mw: 1.78; Ms: 2.53; Ms: 0.75; Mw: 2.36; Ms: 0.96;
Mw: 2.35; Fault plane solution: M: 8.03000e-10; N: P1:
q: 86.89000; s: 72.44000; l: 22.32000; NP2: q: 349.83000;
d: 68.77000; l: 161.12000; Principal axes: T: 8.0142,
Plg28.0000; Azm309.0000; N: 0.0408, Plg62.0000;
Azm123.0000; P: -8.0550, Plg2.0000; Azm218.0000;
PAS 03 04:36:23.4, 0.9, 35:23N: 0:008: 117:184W: 0:010,
h1km, 1km Error ellipse: s-maj=1.2km s-min=1.1km
az=69.0

ISC 03 04:36:23.0, 1.0, 35:23N: 0:011: 117:17W: 0:02, h10km, 7km,
n158, c0590/165, mb4.2/15, Central California

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like GSC, GSC, GSC, GSC, etc.

Main station list table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Lists stations like ALPC, WHFM, WHFM, WHFM, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like AKBB, WTTA, WATA, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like OBN, DOU, BMR, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like DBG, DAG, WMQ, etc.

Table with columns: WVT, Waverly, 86.57 312, P, 05 35 08.9 -0.1, 05 35 10.5, Iamb, Iamb, 05 35 08.9 -0.1, comp=Z,5.0nm,0.8s

Table with columns: ITM, Ithomi, 4.38 313, Pn, 05 25 45.2 +0.2, 05 26 41.4 +3.0, Pn, Pn, 05 28 11.5 -0.4

Table with columns: APQ2, Apoyeque, 1.45 9, P, Pn, 05 40 19.9 +0.1, 05 40 38.9 -0.7, Sb, Sb, 05 40 21.1 +0.9

IDC 03 05:24:30.0-0.8, 16:84N; 121:72E, h0km, mb4.1/12, mbmp4.1/13, ML4.3/1, MS3.0/6, Error ellipse: s-maj=30.1km s-min=12.5km az=86.0

IDC 03 05:24:37.8-0.9, 34:36N; 25:86E, h0km, mb4.0/14, mbmp4.0/20, ML3.5/6, MS3.9/5, Error ellipse: s-maj=18.3km s-min=12.8km az=24.0

IDC 03 05:24:38.4-0.7, 34:23N; 08:25.91E, h10km, n47, r=138/44, mb4.1/16, MS4.0/5, Crete

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

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

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

IDC 03 05:39:53.0-0.8, 11:46N; 85:92W, h0km, mb4.0/8, mbmp4.0/9, ML3.0/2, MS3.6/18, Error ellipse: s-maj=47.0km s-min=10.9km az=51.0

IDC 03 05:39:55.4-1.5, 10:65N; 86:41W, h0km, 11km, MW4.7, Presumed earthquake

IDC 03 05:39:58.1-2.3, 10:86N; 0:07:86:47W; 0:04, h36km, 9km, mb4.5/19, Error ellipse: s-maj=11.7km s-min=1.6km

IDC 03 05:39:55.1-1.6, 10:76N; 0:05:86:56W; 0:05, h25km, 11km, n226, r=127/187, mb4.5/60, MS3.7/15, 7C-8D, Off coast of Costa Rica

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

IDC 03 05:24:37.8-0.9, 34:36N; 25:86E, h0km, mb4.0/14, mbmp4.0/20, ML3.5/6, MS3.9/5, Error ellipse: s-maj=18.3km s-min=12.8km az=24.0

IDC 03 05:24:39.3-1.6, 34:32N; 08:25.86E; 0:04, h10km, 1km, mb4.2/11, Error ellipse: s-maj=13.4km s-min=4.5km az=193.0

IDC 03 05:24:38.4-0.7, 34:23N; 08:25.91E; 0:06, h10km, n47, r=138/44, mb4.1/16, MS4.0/5, Crete

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

3d 6h

Table of station data for 3d 6h period, including columns for station name, coordinates, and various parameters.

2020 JUN

Main table of station data for 2020 JUN, including columns for station name, coordinates, and various parameters.

122

Table of station data for 122 period, including columns for station name, coordinates, and various parameters.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like GTOI, MSLP, TBP, SNPH, SIJI, etc.

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

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

M16K	Timber Creek	77.98	29	P	P	07 10 11.5 +0.9
P16K	Nushagak River	78.05	31	P	P	07 10 11.6 +0.6
O16K	Kokwok River B	78.11	30	Iamb	Iamb	07 10 13.0
O16K	Kokwok River A	78.11	30	P	P	07 10 11.9 +0.6
C17K	DeLong Mountai	78.17	21	P	P	07 10 12.4 +0.8
E17K	Hotham Inlet	78.26	22	P	P	07 10 12.7 +0.7
G17K	Kwalki Mounta	78.29	24	P	P	07 10 13.2 +1.0
F17K	Baldwin Pennin	78.30	23	P	P	07 10 13.3 +1.0
J17K	VADM Dome	78.45	26	P	P	07 10 14.2 +1.1
H17K	Granite Mounta	78.45	24	P	P	07 10 14.0 +0.8
L17K	Donlin	78.53	27	P	P	07 10 14.4 +0.8
O17K	Koliganek Bris	78.64	30	P	P	07 10 14.9 +0.7
K17K	Iditarod	78.64	27	Iamb	Iamb	07 10 16.6
K17K	Iditarod	78.64	27	P	P	07 10 14.9 +0.7
R17L	Mt. Peulik Vol	78.65	32	P	P	07 10 14.4 0.0
O16K	King Salmon	78.67	31	P	P	07 10 14.9 +0.4
N17K	Nushagak Hills	78.73	29	P	P	07 10 15.2 +0.4
CHIR	Chirikof Islan	78.77	34	P	P	07 10 15.5 +0.5
M17K	Holitna River	78.78	28	P	P	07 10 15.6 +0.5
E18K	Tukpahleark C	78.81	22	Iamb	Iamb	07 10 17.2
E18K	Tukpahleark C	78.81	22	P	P	07 10 15.8 +0.8
P17K	Kvichak River	78.87	31	P	P	07 10 15.7 +0.2
C18K	Utukok River	78.92	21	P	P	07 10 15.8 0.0
F18K	Selawik	78.96	23	P	P	07 10 16.4 +0.6
O17K	Contact Creek	79.00	32	P	P	07 10 16.5 +0.1
H17K	Honhosa River	79.14	24	Iamb	Iamb	07 10 18.6
H18K	Honhosa River	79.14	24	P	P	07 10 17.5 +0.6
G18K	Tagagawik	79.19	24	P	P	07 10 17.9 +0.7
L18K	Granite Mounta	79.28	28	P	P	07 10 18.5 +0.8
N18K	Kilae Creek	79.39	29	P	P	07 10 19.2 +0.8
A19K	Wainwright	79.40	19	P	P	07 10 18.9 +0.7
P18K	Big Mountain,	79.51	30	P	P	07 10 19.6 +0.5
Q18K	Katmai Hardscr	79.52	31	P	P	07 10 19.7 +0.4
M18K	Stony River	79.56	28	P	P	07 10 19.5 +0.3
O18K	Koktuh Hills	79.59	30	P	P	07 10 19.6 +0.1
C19K	Lookout Ridge	79.61	20	P	P	07 10 19.7 +0.2
CCD	Concordia, Ant	79.65	18	P	P	07 10 20.6 +0.7
CCD	Concordia, Ant	79.65	18	P	P	07 10 20.1 +0.6
SII	Sitkinak Islan	79.67	33	P	P	07 10 20.3 +0.3
GCSA	Galena City Sc	79.67	25	P	P	07 10 20.0 +0.3
F19K	Shalercucki Mo	79.74	23	P	P	07 10 20.7 +0.6
G19K	Purcell Mounta	79.87	24	P	P	07 10 21.8 +0.9
D19K	Kuna River	79.98	21	Iamb	Iamb	07 10 22.5
D19K	Kuna River	79.98	21	P	P	07 10 23.4 +1.0
H19K	Roundabout Mou	80.00	24	Iamb	Iamb	07 10 23.8
H19K	Roundabout Mou	80.00	24	P	P	07 10 22.3 +0.7
J19K	Poorman	80.08	26	P	P	07 10 22.6 +0.7
E19K	Redstone River	80.08	22	Iamb	Iamb	07 10 22.8
E19K	Redstone River	80.08	22	P	P	07 10 22.6 +0.6
O19K	Port Alsworth	80.09	30	P	P	07 10 23.1 +1.0
N19K	Bonanza Creek	80.09	29	P	P	07 10 23.2 +0.9
L19K	White Mountain	80.12	28	P	P	07 10 22.9 +0.6
OHAK	Old Harbor	80.24	33	P	P	07 10 23.9 +0.9
Q19K	Cape Douglas,	80.26	31	P	P	07 10 23.2 +0.1
D20K	Etiivluk River	80.56	21	Iamb	Iamb	07 10 26.6
D20K	Etiivluk River	80.56	21	P	P	07 10 25.2 +0.7
F20K	Avarart Lake	80.58	23	P	P	07 10 26.3 +1.8
E20K	Nigu River	80.63	22	P	P	07 10 25.8 +0.9
H20K	Anotlenaga Mo	80.64	24	P	P	07 10 25.7 +0.6
B20K	Meade River	80.64	20	P	P	07 10 26.3 +1.5
K20K	Telida	80.66	27	P	P	07 10 25.5 +0.4
K20K	Kodiak Island	80.68	32	P	P	07 10 26.0 +0.7
I20K	Naaghedeneel	80.70	25	P	P	07 10 25.2 -0.1
J20K	Nowinta River	80.74	26	P	P	07 10 26.4 +0.9
M20K	Styx River	80.89	28	P	P	07 10 27.3 +0.8
RAYN	Ar Rayn	80.91	29	P	P	07 10 27.2 -0.2
RAYN	Ar Rayn	80.91	29	Iamb	Iamb	07 10 28.4
RAYN	Ar Rayn	80.91	29	P	P	07 10 27.5 +0.2
RAYN	Ar Rayn	80.91	29	P	P	07 10 27.5 +0.2
O20K	Slope Mountain	80.91	30	P	P	07 10 27.4 +0.8
A21K	Barrow	81.10	18	P	P	07 10 28.3 +1.0
SPCR	Spurr Chakacha	81.24	29	P	P	07 10 28.7 +0.4
C21K	Knifeblade Rid	81.30	21	P	P	07 10 29.0 +0.6
G21K	Atlaket	81.36	23	P	P	07 10 29.2 +0.4
B21K	Ikpikpuk River	81.44	20	P	P	07 10 29.4 +0.3
PPLA	Purkeypile	81.44	27	P	P	07 10 30.3 +0.8
PPLA	Purkeypile	81.44	27	Iamb	Iamb	07 10 34.4
PPLA	Purkeypile	81.44	27	P	P	07 10 29.5 +0.1
F21K	Alatna River	81.47	23	P	P	07 10 29.7 +0.3
E21K	Killik River	81.47	21	P	P	07 10 30.1 +0.7
CHUM	Lake Minchumin	81.50	26	P	P	07 10 30.2 +0.6
H21K	Melozitna River	81.52	24	P	P	07 10 30.4 +0.7
CAST	Castle Rocks	81.55	27	P	P	07 10 30.2 +0.3
A22K	Sinclair Lake	81.56	19	P	P	07 10 30.9 +1.2
SKT	Skwentna	81.65	28	P	P	07 10 30.5 +0.1
I21K	Tanana	81.80	25	Iamb	Iamb	07 10 33.4

I21K	Tanana	81.80	25	P	P	07 10 31.7 +0.6
B22K	Teshhepuk Lake	81.96	20	Iamb	Iamb	07 10 33.9
B22K	Teshhepuk Lake	81.96	20	P	P	07 10 32.3 +0.5
F22K	John River	82.01	23	P	P	07 10 33.0 +0.8
L22K	Petersville	82.06	28	Iamb	Iamb	07 10 33.8
L22K	Petersville	82.06	28	P	P	07 10 33.1 +0.5
KTH	Kanishna Hill	82.08	27	Iamb	Iamb	07 10 34.8
H22K	Ishlaltina Cre	82.13	24	Iamb	Iamb	07 10 34.6
H22K	Ishlaltina Cre	82.13	24	P	P	07 10 33.9 +1.0
G22K	Bettles	82.20	23	P	P	07 10 33.7 +0.6
E22K	Anaktuvuk Pass	82.22	22	Iamb	Iamb	07 10 35.6
E22K	Anaktuvuk Pass	82.22	22	P	P	07 10 33.6 +0.2
CUT	Chulitna	82.28	28	P	P	07 10 33.9 +0.3
M22K	Willow	82.29	28	P	P	07 10 33.9 +0.2
MLY	Manley	82.31	25	P	P	07 10 34.0 +0.2
TRF	Theofore Moun	82.36	27	P	P	07 10 34.8 +0.5
O22K	Cooper Landing	82.39	30	P	P	07 10 34.9 +0.7
RC01	Rabbit Creek A	82.43	29	P	P	07 10 35.0 +0.5
SEW	Seward	82.50	30	P	P	07 10 35.9 +1.1
D23K	Nanushuk River	82.73	21	P	P	07 10 36.9 +1.0
PMR	Palmer	82.75	29	P	P	07 10 36.9 +0.8
G23K	Bananza Creek	82.76	23	P	P	07 10 37.3 +1.1
C23K	Ikilik River	82.85	20	Iamb	Iamb	07 10 38.6
C23K	Ikilik River	82.85	20	P	P	07 10 37.1 +0.7
H23K	Yukon River	82.88	24	Iamb	Iamb	07 10 39.0
H23K	Yukon River	82.88	24	P	P	07 10 37.4 +0.7
I23K	Minto, Yukon-K	82.90	25	P	P	07 10 37.5 +0.7
KBZ	Khabaz	82.98	31	P	P	07 10 37.8 +0.1
MCK	McKinley	82.98	26	P	P	07 10 36.9 -0.4
NEA2	Nenana	82.98	26	P	P	07 10 37.5 +0.2
RND	Reisler	83.00	27	Iamb	Iamb	07 10 37.9
E23K	Chandalar	83.03	22	P	P	07 10 38.6 +1.0
KNK	Knik Glacier	83.06	29	P	P	07 10 37.5 -0.3
WAT1	Susitna Watana	83.10	27	P	P	07 10 37.8 -0.2
TOLK	Toolik Lake Re	83.10	21	P	P	07 10 38.1 +0.2
SML	Sawmill	83.14	28	P	P	07 10 38.4 +0.2
SML	Sawmill	83.14	28	Iamb	Iamb	07 10 40.0
SML	Sawmill	83.14	28	P	P	07 10 38.1 -0.1
WRH	Wood River Hil	83.40	26	Iamb	Iamb	07 10 40.1
D24K	Happy Valley	83.41	21	P	P	07 10 39.5 +0.1
M23K	Glacier View	83.43	28	P	P	07 10 39.6 -0.1
E24K	Your Creek	83.46	22	P	P	07 10 39.8 +1.1
WAT6	Susitna Watana	83.46	28	P	P	07 10 39.8 -0.1
C24K	Franklin Bluff	83.50	20	P	P	07 10 41.1 +0.3
P23K	Montague Islan	83.52	30	P	P	07 10 40.3 +0.2
COLA	College	83.52	25	P	P	07 10 40.3 +0.4
CCB	Clear Creek Bu	83.53	26	Iamb	Iamb	07 10 40.5
H24K	Noodor Dome	83.56	24	P	P	07 10 40.8 +0.5
SCM	Sheep Creek Mo	83.62	28	Iamb	Iamb	07 10 43.2
SCM	Sheep Creek Mo	83.62	28	P	P	07 10 40.8 +0.1
DHY	Denali Highway	83.65	27	P	P	07 10 41.1 +0.2
F24K	Squaw Lake	83.65	23	Iamb	Iamb	07 10 43.2
F24K	Squaw Lake	83.65	23	P	P	07 10 41.0 +0.3
GLI	Glacier Island	83.70	29	P	P	07 10 41.5 +0.5
G24K	Hadweenzic Riv	83.77	23	Iamb	Iamb	07 10 43.6
G24K	Hadweenzic Riv	83.77	23	P	P	07 10 42.1 +0.8
HDA	Harding Lake	83.89	26	Iamb	Iamb	07 10 42.3
HDA	Harding Lake	83.89	26	P	P	07 10 42.3 +0.4
IL31	Ilisar	83.93	25	P	P	07 10 42.0 0.0
ILAR	Eielson Array	83.93	25	P	P	07 10 40.9 -1.2
ILAR	Eielson Array	83.93	25	P	P	07 10 41.6 -0.5
Q23K	Middleton Isla	84.04	31	P	P	07 10 43.1 +0.4
M24K	Tolsona, Glenn	84.17	28	P	P	07 10 43.9 +0.4
VNDA	Vanda	84.21	17	P	P	07 10 43.2 -0.1
VNDA	Vanda	84.21	17	P	P	07 10 43.2 -0.1
VNDA	Vanda	84.21	17	P	P	07 10 44.2 +0.1
D25K	Kavik River	84.30	21	P	P	07 10 44.5 +0.5
G25K	Bearman Lake	84.32	23	P	P	07 10 44.5 +0.5
EYAK	Cordova Ski Ar	84.36	30	P	P	07 10 44.6 +0.3
K24K	Donnelly Dome	84.39	26	P	P	07 10 44.8 +0.3
PAX	Paxson	84.52	27	P	P	07 10 44.9 -0.3
F25K	Christian River	84.52	23	P	P	07 10 45.7 +0.6
PRP	Porcupine Dome	84.53	25	P	P	07 10 44.8 -0.4
E25K	Arctic Village	84.56	22	Iamb	Iamb	07 10 47.5
E25K	Arctic Village	84.56	22	P	P	07 10 45.0 -0.3
J25K	Salcha River,	84.58	26	P	P	07 10 45.5 0.0
HARP	HAARP	84.66	28	P	P	07 10 45.6 -0.2
FYU	Fort Yukon	84.66	24	Iamb	Iamb	07 10 48.1
RIDG	Indendent Ri	84.80	27	P	P	07 10 46.6 0.0
MAW	Mawson	84.89	20	P	P	07 10 47.3 +0.5
MAW	Mawson	84.89	20	P	P	07 10 47.3 +0.5
BMRM	Bremner River	84.92	29	P	P	07 10 47.6 +0.4
N25K	Chitina, Valde	84.92	29	P	P	07 10 47.4 +0.1
KAIM	Kayik Island	85.02	30	P	P	07 10 48.1 +0.4

F26K	Sheenjek River	85.09	23	Iamb	Iamb	07 10 50.6
F26K	Sheenjek River	85.09	23	P	P	07 10 48.6 +0.6
SCRK	Sand Creek	85.18	26	P	P	07 10 49.1 +0.5
G26K	Porcupine River	85.23	23	P	P	07 10 49.7 +1.1
C27K	Jago River	85.24	21	P	P	07 10 49.1 +0.5
GLB	Gilahina Butte	85.30	29	Iamb	Iamb	07 10 51.4
VRDI	Verde Repeater	85.47	29	P	P	07 10 49.8 -0.3
VRDI	Verde Repeater	85.47	29	Iamb	Iamb	07 12 43.8
L26K	Log Cabin Wild	85.48	27	P	P	07 10 50.1 +0.1
I26K	Coal Creek Min	85.52	25	P	P	07 10 50.0 -0.1
BGLC	Bering Glacier	85.59	30	P	P	07 10 50.4 -0.1
M26K	Nabesna, AK	85.66	28	P	P	07 10 51.1 +0.1
CRQE	Cirque	85.66	30	P	P	07 10 51.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like AK07 Malin Array Si, AK11 Malin Array Si, etc.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like AK20 Malin Array Si, AK19 Malin Array Si, etc.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like MNK, MNK, MNK, etc.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like S34M Telegraph Cree, C36M Paulutuk, etc.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like GSPA South Pole Qui, BURAR Bucovina Array, etc.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like BUR08 Bucovina Ar. S, HFS Hagfors, etc.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like YKA Yellowknife Ar, YKA, etc.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like NOA NORSTAR Array B, SCHO Schefferville, etc.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like TORD Torodi Ar. Bea, TKL Tuckaleechee C, etc.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like ASRS, IDC, etc.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like MRKS, MRKS, AAK, etc.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like GRYR, SEV, SHA1, etc.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like SJA, NEIC, GUC, etc.

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

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like PB09, PB09, PB09, etc.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like PB05, PB05, PB05, etc.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like PB05, PB05, PB05, etc.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like PB05, PB05, PB05, etc.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like PB05, PB05, PB05, etc.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like PB05, PB05, PB05, etc.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like TA01, TA01, TA01, etc.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like TA01, TA01, TA01, etc.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like FDFM, BIM, MLPR, etc.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like SDV, Q51A, Q51A, etc.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like T50A, T50A, CLTN, etc.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like WCI, WCI, ESDC, etc.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like ESDC, OTAV, OTAV, etc.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like S44A, S44A, FVM, etc.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like N41A, N41A, DBIC, etc.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like DBIC, DBIC, F3AR, etc.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like WHAR, WHAR, WHAR, etc.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like WHAR, WHAR, WHAR, etc.

Table with columns: ID, Station Name, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like WHAR, WHAR, WHAR, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like HAL Halifax, RTBA Rita Blanca, Y22A Socorro, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PV05 Paradox Valley, PV03 Paradox Valley, PV18 Skein Mesa, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PМОZ Funchal, FUL Funchal, FUL Funchal, etc.

2020 JUN

Table with columns for station name, frequency, power, and signal strength. Includes stations like LAO, RLMT, YPP, and many others across various frequencies.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like Sonseca Array, FRB, GUD, EMUR, UCM, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like BHZH, ODZ, Black Hill Sta, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ELSH, HPK, WRAK, etc.

Table with columns: ID, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, SNR, and other parameters. Includes stations like PB09, PB05, PB03, etc.

Table with columns: ID, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, SNR, and other parameters. Includes stations like PLCA, VAO, BDFB, etc.

Table with columns: ID, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, SNR, and other parameters. Includes stations like SEW, CUT, M23K, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, SNR, and other parameters. Includes stations like JMA, JSE, JWC, etc.

Summary text for JMA 03:07:59:14.7:0.4, 46°N, 3°14'4E, h374km, MV3.5/22, SOUTH SAKHALIN, Sakhalin Island

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, SNR, and other parameters. Includes stations like LPAZ, CPUP, CFA, etc.

MOS 03:08:14.6:17.2:31.55:65.93W, h321km, 18km, mb3.6/3, mbmtp3.8/7, Error ellipse: s-maj=26.9km s-min=17.4km az=78.0

ISC 03:08:12.45:1.0, 9.232S:01:166.0W:0.1, h300km, n, 8, 15718/Jujuy Province

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, SNR, and other parameters. Includes stations like LPAZ, CPUP, CFA, etc.

MOS 03:08:16.51:2.1, 33.51N:46.02E, h9km, mb5.1/89, Error ellipse: s-maj=4.2km s-min=2.9km az=111.6

BUI 03:08:16.51:0.0, 33.50N:46.10E, h10km, mb5.7/2, mb5.1/57, TEH 03:08:16.51:9.3, 37.47N:45.96E, h8km, 29km, ML4.9

Presumed earthquake, ISN 03:08:16.52:1.1, 0.3338N:45.95E, h6km, 12km, ML5.0

Presumed earthquake, IDC 03:08:16.53:4.1, 33.54N:46.02E, h12km, 10km, mb4.7/38, mbmtp4.8/45, ML4.0/6, MS5.5/2, Error ellipse: s-maj=10.0km s-min=8.5km az=161.0

NEIC 03:08:16.53:5.2, 33.42N:0.06:46.11E:0.08, h10km, 1km, mb5.0/215, Error ellipse: s-maj=11.1km s-min=9.5km az=90.0

AFAD 03:08:16.57:5.3, 37.71N:45.25E, h6km, 3km, MW4.9, OMAN 03:08:16.58:7.0, 33.36N:46.42E, h38km, 18km, mb4.8/35, Error ellipse: s-maj=13.8km s-min=6.8km az=68.0

NAO 03:08:17.12:0.3, 34.66N:43.64E, h33km, MB4.6, BGR 03:08:17.15:2.3, 34.51N:43.78E, h33km, mb4.9, Ms5.4, Gil 03:08:17.21:0.0, 0.3438N:0.003:47.151E:0.001, h9km, Mw5.2, confirmed

ISC 03:08:15.63:6.0, 33.48N:0.03:46.05E:0.03, h14km, 2km, h1km-pp, P, n994, t1947969, mb5.0/258, 69C-42D, Iran-Iraq border region

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, SNR, and other parameters. Includes stations like ILBA, IGHG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, SNR, and other parameters. Includes stations like RAFI, IDOB, etc.

PERV	Siirt/Pervari-	5.29 328	P	Pn	08 18 13.0	+0.7
PERV				Sn	08 19 09.9	-3.3
KLNJ	Kolanjah	5.30 116	Pn	Pn	08 18 14.6	+2.0
GEVA	Gevas	5.40 334	Pn	Pn	08 18 14.9	+1.0
GEVA	Gevas	5.40 334	P	Pn	08 18 15.3	+1.4
GEVA				Pn	08 19 14.6	+1.3
AKDM	Akdamar-Van	5.44 334	eP	Pn	08 18 12.4	-2.0
MIDY	Mardin/Midyat-	5.46 317	eP	Pn	08 18 15.4	+0.8
MIDY				Sn	08 19 12.9	-4.3
YANB	Van	5.54 338	eP	Pn	08 18 10.6	-5.2
SRTM	Siirt_Merkez	5.62 324	P	Pn	08 18 17.2	+0.4
SRTM				Sn	08 19 17.1	+0.3
SRTM	Siirt_Merkez	5.62 324	Pn	Pn	08 18 17.1	+0.4
MLAZ	Malazgirt-MUS	6.32 334	eP	Pn	08 18 24.7	-1.7
DYBB	Diyarbakir	6.56 315	eP	Pn	08 18 30.8	+1.1
AGRB	Hanur-Agry	6.56 339	eP	Pn	08 18 28.0	-1.8
GNI	Garni	6.74 351	Pn	Pn	08 18 33.4	+1.1
GNI	comp=E,2.4nm,0.3s,baz=151,slow=2.6,SNR=6.7			Sn	08 19 50.5	+1.6
GNI	comp=E,4.8nm,0.3s,baz=21.4,slow=20,SNR=3.5			Lg	08 20 25.2	
GNI	comp=E,1.7nm,0.3s,baz=25,slow=23,SNR=1.0			Lg		
GNI	comp=E,20nm,0.6s					
GNI	Garni	6.74 351	P	Pn	08 18 32.5	+0.2
GNI				Sn	08 19 50.5	+1.6
GNI	Garni	6.74 351	Pn	Pn	08 18 34.9	+2.7
GNI	Garni	6.74 351	eP	Pn	08 18 31.4	-0.8
GNI				Pmax		
GNI	comp=Z,23nm,0.9s					
GNI	Garni	6.74 351	P	Pn	08 18 36.1	+3.9
GNI	Garni	6.74 351	eP	Pn	08 18 35.9	+3.7
VRTB	Varto-Mus	6.78 328	Pn	Pn	08 18 31.9	-0.9
DSBU	Dashti - Bushe	6.78 137	Pn	Pn	08 18 35.0	+2.3
BNGB	Bingli	7.01 323	eP	Pn	08 18 35.8	-0.1
KARO	Karliova-Bingo	7.08 327	eP	Pn	08 18 36.3	-0.6
URFA	Urfa	7.10 306	eP	Pn	08 18 40.3	+3.2
VEDI	Yedisu-Bingol	7.42 325	eP	Pn	08 18 41.5	0.0
MDYL	Doganyol-Malat	7.45 312	eP	Pn	08 18 24.1	+2.1
ESGZ	Sivrice-Elazig	7.52 313	eP	Pn	08 18 44.7	+1.8
SENK	Senkaya-Erzuru	7.66 338	eP	Pn	08 18 43.7	-1.2
QIR1	Qir	7.80 128	Pn	Pn	08 18 48.6	+1.9
ASF	Jabal al Asfar	7.81 263	Pn	Pn	08 18 46.6	-0.4
ASF	comp=Z,5.1nm,0.3s,baz=73,slow=8.7,SNR=17			Lg	08 20 58.9	
ASF	comp=Z,14nm,0.3s,baz=109,slow=19,SNR=4.3			Lg		
ASF	comp=Z,13nm,0.3s					
KOPT	Kop Dagl	7.90 327	Pn	Pn	08 18 52.0	+3.7
ERZN	Erzincan	7.94 322	eP	Pn	08 18 48.9	+0.2
AKT	Akhty	8.10 9	eP	Pn	08 18 53.2	+2.4
AKT				MLR		
GAZ	Gaziantep	8.11 300	Pn	Pn	08 18 54.2	+3.3
BEIL	Beirto	8.26 280	eP	Pn	08 18 52.0	-1.0
ARPR	Arapgir-MALATY	8.38 314	Pn	Pn	08 18 59.2	+4.6
HWQ	Hawqa	8.44 278	eP	Pn	08 18 54.6	-1.0
RCY	Rachaya	8.54 273	eP	Pn	08 18 56.1	-0.7
KSHT	Keshet	8.60 270	P	Pg	08 19 40.1	+2.0
KSHT				Sg	08 21 28.9	-0.4
NATI	Neve Ativ	8.63 271	P	Pg	08 19 41.2	+2.5
NATI				Sg	08 21 29.6	-0.8
GEM	Giv'at Ha'Em	8.70 271	P	Pg	08 19 42.0	+2.0
GEM				Sg	08 21 31.8	-0.8
DQRL	Deir Qamar	8.75 274	P	Pn	08 18 59.3	+0.2
BATM	Batumi	8.82 338	eP	Pn	08 18 58.2	-2.3
BATM	Batumi	8.82 338	P	Pn	08 18 58.2	-2.3
BATM	Batumi	8.82 338	P	Pn	08 18 58.2	-2.3
MMA0B	Mount Meron ar	8.93 270	P	Pg	08 19 45.2	+0.7
MMA1	Mount Meron Ar	8.93 270	Pn	Pn	08 19 01.9	-0.4
MMA1	comp=Z,4.3nm,0.3s,baz=101,slow=17,SNR=5.9			Lg	08 21 33.0	
MMA1	comp=Z,21nm,0.3s,baz=69,slow=42,SNR=5.3			Lg		
HMDT	Nahal Hemdat	8.94 265	P	Pg	08 19 47.5	+2.9
HMDT				Sg	08 21 40.2	-0.2
MMLI	Mount Malkishu	8.99 266	P	Pn	08 19 47.2	+1.6
MMLI				Sg	08 21 41.1	-1.0
HNTI	Hantia	9.12 271	P	Pn	08 19 42.7	+4.3
HNTI				Sn	08 21 42.1	+5.5
GHAJ	Ghor Haditha	9.13 259	Pn	Pn	08 19 08.5	+3.7
BLGI	Bed Lehem HaGe	9.14 268	P	Pn	08 19 48.6	+4.4
ELGI				Sn	08 21 43.3	+5.5
DSI	Dead Sea	9.21 261	P	Pn	08 21 49.0	+6.0
DSI				Sn	08 19 52.0	+4.4
SLTI	Sal'it	9.35 265	P	Pn	08 21 49.9	+5.7
SLTI				Sn	08 19 08.1	-2.3
MAK	Makhachkala	9.54 6	eP	Pn	08 20 54.6	-2.7
MAK				eS		
MAK	comp=Z,2.65nm,0.9s			Pmax		
MAK				MLR		
ZFRI	Zfiri	9.68 255	P	Pn	08 19 58.6	+4.6
ZFRI				S	08 22 02.6	
PRNI	Paran	9.89 255	P	Pn	08 20 02.3	+4.7
PRNI				S	08 22 08.8	
RAYN	Ar Rayn	9.93 183	Pn	Pn	08 19 15.5	-0.5
RAYN	Ar Rayn	9.93 183	Pn	Pn	08 19 15.3	-0.5
RAYN	Ar Rayn	9.93 183	P	Pn	08 19 15.3	-0.5
RAYN	Ar Rayn	9.93 183	P	Pn	08 19 15.6	-0.3
RAYN	Ar Rayn	9.93 183	P	Pn	08 21 04.6	-2.6
NCK	Naichik	10.19 350	eP	Pn	08 19 17.9	+0.4
EIL	Eilat	10.20 251	Pn	Pn	08 19 20.0	+0.4
EIL	comp=Z,6.4nm,0.3s,baz=56,slow=6.9,SNR=24			Lg	08 22 16.8	
EIL	comp=Z,8.3nm,0.3s,baz=281,slow=14,SNR=4.2			Lg		
EIL	comp=Z,24nm,0.4s					
EIL	Eilat	10.20 251	eP	Pn	08 19 19.9	+0.4
KZIT	Kzait	10.20 259	P	Pn	08 20 05.3	+4.6
KZIT				Sn	08 22 13.6	+0.6
JRN	Qarnain Island	10.37 143	P	Pn	08 19 20.5	-1.4
JRN				S	08 21 13.5	-4.4
KBZ	Khabaz	10.53 347	eP	Pn	08 19 27.7	+3.5
KBZ	Khabaz	10.53 347	eP	Pn	08 19 21.8	-2.1
SHAI	Shidzhatmaz	10.58 346	eP	Pn	08 19 24.7	+0.2
SLWR	Sila	10.60 151	P	Pn	08 19 25.6	+0.6
SLWR				Sn	08 21 20.3	-3.2
KIV	Kislovodsk	10.79 347	eP	Pn	08 19 30.1	+2.5
KIV	Kislovodsk	10.79 347	eP	Pn	08 19 28.0	+0.4
KIV				Pmax		
KIV	comp=Z,7.1nm,1.0s					
VLSR	Kislovodsk	10.79 347	P	Pn	08 19 31.8	+4.2
VLSR	Vesolyole	11.02 336	eP	Pn	08 19 32.6	+1.8
VLSR				Pmax		
GHWR	Ruwais	11.21 146	P	Pn	08 19 33.7	+0.3
SOC	Sochi	11.24 336	eP	Pn	08 19 35.1	+1.4
SOC				e	08 21 42.7	
SOC	comp=Z,46nm,0.9s			Pmax		
SOC	comp=Z,8um,22.0s			MLR		
SHME	Shamm	11.47 128	iPn	Pn	08 19 36.8	-0.2
SHME	Shamm	11.47 128	P	Pn	08 19 37.8	+0.9
SHME	Shamm	11.47 128	P	Pn	08 19 36.7	-0.1
BANOM	Banah	11.66 128	iPn	Pn	08 19 39.2	-0.4
BANOM	Banah	11.66 128	P	Pn	08 19 39.2	-0.4
BRTR	Keskin Array B	11.76 306	Pn	Pn	08 21 41.4	-8.2
BRTR	Keskin Array B	11.76 306	Pn	Pn	08 21 43.4	+2.4
BRTR	Keskin Array B	11.76 306	Pn	Pn	08 19 42.5	+1.4
BR131	Keskin Array S	11.76 306	Pn	Pn	08 19 42.2	+1.2
BR131	Keskin Array S	11.76 306	eP	Pn	08 19 42.4	+1.4
BR105	Keskin Array S	11.77 305	Pn	Pn	08 19 41.8	+0.7
GOF	Gofitskoye	11.80 350	eP	Pn	08 19 44.6	+3.3
AJN	Ajnan	11.83 136	P	Pn	08 19 43.8	+1.9
AJN				S	08 21 50.0	-3.6
MZWR	Madinat Zayed	11.87 143	P	Pn	08 19 43.8	+1.4
LABN	Labinsk	11.89 341	eP	Pn	08 19 45.4	+2.8
LABN				Pmax		
LABN	comp=Z,60nm,1.2s			Pmax		
NAZ	Nazwa, Dubai	11.91 133	iPn	Pn	08 19 44.0	+1.1
NAZ	Nazwa, Dubai	11.91 133	P	Pn	08 19 44.2	+1.2
NAZ				S	08 21 50.4	-5.3
NAZ	SNR=7.9					

MASF	Masafi	11.95 130	P	Pn	08 19 44.0	+0.5
MASF	SNR=34			S	08 21 49.9	-6.7
MSFE	Gema-Masafi	11.95 130	iPn	Pn	08 19 43.0	-0.6
ASUD	Al Ashush, Dub	11.98 135	iPn	Pn	08 19 44.3	+0.4
ASUD	SNR=11			Pn		
ASUD	Al Ashush, Dub	11.98 135	P	Pn	08 19 45.1	+1.1
ASUD	SNR=11			S	08 21 52.4	-5.0
FAO	Al Faqa, Dubai	12.05 134	Pn	Pn	08 19 45.2	+0.3
FAO	Al Faqa, Dubai	12.05 134	P	Pn	08 19 45.1	+0.3
MDH	Madha	12.09 130	iPn	Pn	08 19 45.3	-0.1
MDH	SNR=32					
MDH	Madha	12.09 130	P	Pn	08 19 45.7	+0.3
MDH	SNR=32					
UOSS	Minazif	12.28 131	P	Pn	08 19 47.8	-0.2
UOSS	SNR=18					
UOSS	Minazif	12.28 131	iPn	Pn	08 19 47.8	-0.2
UOSS	SNR=18					
UOSS	Minazif	12.28 131	P	Pn	08 19 47.7	-0.4
MZR	Muzera	12.31 146	P	Pn	08 19 49.2	+0.7
MZR	Muzera	12.31 146	P	Pn	08 19 49.6	+1.1
HATR	Hatta, Dubai	12.32 132	iPn	Pn	08 19 48.5	-0.1
HATR	SNR=15					
HATR	Hatta, Dubai	12.32 132	P	Pn	08 19 49.0	+0.4
HATR	SNR=15					
ASHO	Ashtiyah	12.38 132	iPn	Pn	08 19 49.3	-0.1
ASHO	SNR=30					
ASHO	Ashtiyah	12.38 132	P	Pn	08 19 49.5	+0.1
ASHO	SNR=30					
ASHO				S	08 22 00.9	-6.3
ILGA	Ilgaz	12.39 311	Pn	Pn	08 19 53.0	+3.3
ALNE	Al Ain	12.66 135	iPn	Pn	08 19 53.3	+0.1
ALNE	SNR=11					
BZK	Bozkurt	12.74 315	iPn	Pn	08 19 55.1	+0.8
ERBR	Yeremizino-Bor	12.95 342	eP	Pn	08 19 59.6	+2.5
ERBR				Pmax		
SOHO	SOHO	13.07 133	iPn	Pn	08 19 58.1	-0.8
SOHO	SNR=17					
SOHO	SOHO	13.07 133	P	Pn	08 19 58.3	-0.5
ANN	Anapa	13.13 332	eP	Pn	08 20 05.6	-4.0
ANN				Pmax		
ANN	comp=Z,43nm,1.0s					
ISP	Ispartha	13.35 293	Pn	Pn	08 20 05.4	+2.7
ISP	Ispartha	13.35 293	P	Pn	08 20 05.4	+2.7
UMZA	Um Al Zommoq	13.39 141	P	Pn	08 20 04.3	+1.0
HRA	Herat	13.46 182	P	Pn	08 20 05.8	+1.0
HRA	Herat	13.46 182	P	Pn	08 20 06.6	-0.2
HRA	SNR=12					
HOQ	Hoqain	13.96 132	iPn	Pn	08 20 10.1	-0.8
SAHE	Sakarya_HENDEK	14.17 306	iPn	Pn	08 20 16.0	+2.2
BIDO	Bidbid	14.52 130	P	Pn	08 20 17.4	-1.2
BSY	Bisyra	14.52 135	P	Pn	08 20 17.4	-1.3
BSY	SNR=13					
SIM	Simferopol	14.71 325	eP	P	08 20 27.5	+0.3
SIM				Pmax		
SMDO	Sandzha	14.80 131	P	Pn	08 20 21.1	-1.5
SMDO	SNR=17	</				

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like NB2 NORSA Subarra, NB2 NOA, NAO01 NORSA Array S, etc.

2020 JUN

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like SONM Songino Array, LZDM Lanzhou Array, LZHZ Lanzhou, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like KSRS Korea Array, USRK Ussuriysk Ar, YHNB Yeheng, etc.

G19K	Purcell Moun	79.11	9	Iamb	Iamb	08 28 58.8
G19K	Purcell Moun	79.11	9	P	P	08 28 57.4 +0.2
G18K	Tagagawik	79.12	10	P	P	08 28 57.3 0.0
F28M	Old Crow	79.12	2	Iamb	Iamb	08 28 59.0
F28M	Old Crow	79.12	2	P	P	08 28 57.5 +0.2
G17K	Kiwalik Moun	79.18	11	P	P	08 28 57.8 +0.2
G21K	Allakaket	79.20	8	Iamb	Iamb	08 28 59.0
G21K	Allakaket	79.20	8	P	P	08 28 58.0 +0.3
F30M	Barrier River	79.21	1	P	P	08 28 57.9 +0.1
G23K	Bananza Creek	79.37	6	P	P	08 28 59.2 +0.5
F31M	Tsighehtich	79.39	360	P	P	08 28 58.9 +0.2
F31M	Tsighehtich	79.39	360	P	P	08 28 59.0 +0.3
G24K	Hadweenzic Riv	79.60	5	P	P	08 29 00.7 +0.8
G26K	Porcupine Riv	79.61	4	Iamb	Iamb	08 29 02.3
G26K	Porcupine Riv	79.61	4	P	P	08 29 00.8 +0.9
G25K	Bearman Lake	79.64	5	P	P	08 29 00.9 +0.8
H16K	Elim	79.72	12	P	P	08 29 00.6 +0.1
H19K	Roundabout Mou	79.78	9	Iamb	Iamb	08 29 02.6
H19K	Roundabout Mou	79.78	9	P	P	08 29 01.2 +0.4
H17K	Granite Moun	79.82	11	P	P	08 29 00.9 -0.2
G30M	lAoh Zraii Nji	79.84	1	Iamb	Iamb	08 29 02.5
G30M	lAoh Zraii Nji	79.84	1	P	P	08 29 01.4 +0.2
G27K	Doyon Stri	79.86	3	Iamb	Iamb	08 29 03.1
G27K	Doyon Stri	79.86	3	P	P	08 29 02.3 +1.0
H18K	Honhosa River	79.86	10	Iamb	Iamb	08 29 02.9
H18K	Honhosa River	79.86	10	P	P	08 29 01.6 +0.2
G29M	Pine Creek	79.88	2	Iamb	Iamb	08 29 03.0
G29M	Pine Creek	79.88	2	P	P	08 29 02.1 +0.7
FYU	Fort Yukon	79.90	5	Iamb	Iamb	08 29 04.6
G31M	Satah River	79.92	0	P	P	08 29 01.9 +0.4
H20K	Anotleneega Mo	80.02	9	P	P	08 29 02.4 +0.3
H22K	Ishtalina Cre	80.03	7	P	P	08 29 03.5 +1.3
H21K	Melozitna Riv	80.11	8	Iamb	Iamb	08 29 03.9
H21K	Melozitna Riv	80.11	8	P	P	08 29 03.6 +0.9
H23K	Yukon River	80.28	6	Iamb	Iamb	08 29 06.3
H23K	Yukon River	80.28	6	P	P	08 29 04.7 +1.0
H24K	Noodor Dome	80.42	6	P	P	08 29 05.2 +0.8
H27K	Steamboat Moun	80.44	3	Iamb	Iamb	08 29 06.2
H27K	Steamboat Moun	80.44	3	P	P	08 29 05.3 +0.8
EPYK	Eagle Plains	80.45	1	P	P	08 29 04.7 +0.2
GCSA	Galena City St	80.46	10	P	P	08 29 05.5 +1.0
H29M	Whitestone	80.56	2	Iamb	Iamb	08 29 06.2
H29M	Whitestone	80.56	2	P	P	08 29 05.6 +0.5
I21K	Tanana	80.66	8	Iamb	Iamb	08 29 07.9
I21K	Tanana	80.66	8	P	P	08 29 06.4 +0.8
I17K	Unalakleet	80.73	12	P	P	08 29 05.8 +0.2
I20K	Naaghedeneel	80.73	9	P	P	08 29 07.1 +1.1
D62A	Allapoint, All	80.88	321	P	P	08 29 08.1 +1.0
PRP	Porcupine Dome	80.92	5	P	P	08 29 07.6 +0.4
MLY	Manley	80.94	7	P	P	08 29 07.6 +0.4
I23K	Minto, Yukon-K	80.96	7	Iamb	Iamb	08 29 09.5
I23K	Minto, Yukon-K	80.96	7	P	P	08 29 08.2 +1.0
H31M	Peel River	81.04	0	P	P	08 29 07.6 -0.1
I27K	Kandik River	81.06	3	P	P	08 29 08.1 +0.2
J14K	Narvaranak Lak	81.20	13	P	P	08 29 08.3 -0.2
J16K	Anvik River	81.25	12	Iamb	Iamb	08 29 10.5
J16K	Anvik River	81.25	12	P	P	08 29 09.1 +0.3
I24K	Coal Creek Min	81.28	4	Iamb	Iamb	08 29 10.6
I26K	Coal Creek Min	81.28	4	P	P	08 29 09.3 +0.4
I28M	Miner Creek	81.29	3	Iamb	Iamb	08 29 10.3
I28M	Miner Creek	81.29	3	P	P	08 29 09.1 +0.1
J19K	Poormat	81.35	9	Iamb	Iamb	08 29 11.4
J19K	Poormat	81.35	9	P	P	08 29 10.1 +0.8
COLA	College	81.37	6	P	P	08 29 09.9 +0.6
COLA	College	81.37	6	P	P	08 29 10.5 +1.0
COLA	College	81.37	6	P	P	08 29 09.6 +0.2
J20K	Nowinta River	81.37	9	Iamb	Iamb	08 29 11.5
J20K	Nowinta River	81.37	9	P	P	08 29 10.0 +0.6
J17K	VABM Dome	81.40	11	P	P	08 29 09.4 -0.2
I29M	Ogilvie Camp,	81.42	2	Iamb	Iamb	08 29 10.9
I29M	Ogilvie Camp,	81.42	2	P	P	08 29 09.7 -0.1
NEA2	Nenana	81.53	7	P	P	08 29 10.3 0.0
ILAR	Eielson Array	81.55	6	P	P	08 29 10.3 -0.1
I30M	Mount Dempster	81.61	1	Iamb	Iamb	08 29 11.7
I30M	Mount Dempster	81.61	1	P	P	08 29 10.8 0.0
K13K	Kusilvak Moun	81.73	14	P	P	08 29 11.2 -0.1
J25K	Salcha River,	81.82	5	P	P	08 29 12.6 +0.7
CHD	Lake Minchum	81.88	8	P	P	08 29 12.6 +0.5
HUM	Harding Lake	81.90	6	P	P	08 29 11.9 -0.3
K15K	Wolf Creek Mou	82.00	13	Iamb	Iamb	08 29 14.9
K15K	Wolf Creek Mou	82.00	13	P	P	08 29 13.8 +1.0
K17K	Iditarod	82.16	11	Iamb	Iamb	08 29 15.3
K17K	Iditarod	82.16	11	P	P	08 29 14.4 +0.8
K20K	Telida	82.17	9	Iamb	Iamb	08 29 15.6
K20K	Telida	82.17	9	P	P	08 29 14.4 +0.8

J30M	Hart River	82.25	1	Iamb	Iamb	08 29 16.2
J30M	Hart River	82.25	1	P	P	08 29 14.7 +0.5
CAST	Castle Rocks	82.36	8	Iamb	Iamb	08 29 16.3
CAST	Castle Rocks	82.36	8	P	P	08 29 15.2 +0.5
KTH	Kantishna Hill	82.36	8	Iamb	Iamb	08 29 16.0
MCK	McKinley	82.39	7	P	P	08 29 14.9 +0.1
TRF	Thorofare Moun	82.53	7	P	P	08 29 16.1 +0.4
SCRK	Sand Creek	82.55	4	Iamb	Iamb	08 29 17.3
SCRK	Sand Creek	82.55	4	P	P	08 29 16.5 +0.7
L15K	Ungalak Moun	82.58	13	P	P	08 29 15.9 +0.1
K24K	Donnelly Dome	82.59	5	P	P	08 29 16.3 +0.4
K27K	Chicken	82.61	4	Iamb	Iamb	08 29 17.9
L14K	Kuka Creek	82.66	14	Iamb	Iamb	08 29 18.5
L14K	Kuka Creek	82.66	14	P	P	08 29 17.1 +0.9
DAWY	Dawson	82.69	2	Iamb	Iamb	08 29 18.1
DAWY	Dawson	82.69	2	P	P	08 29 16.7 +0.3
L17K	Donlin	82.71	11	P	P	08 29 17.0 +0.6
R1DG	Independent Ri	82.72	5	P	P	08 29 17.3 +0.6
M11K	Mekoryuk	82.79	15	P	P	08 29 18.1 +1.2
PPLA	Purkypile	82.85	8	P	P	08 29 17.8 +0.4
DOT	Dot Lake	82.87	5	Iamb	Iamb	08 29 18.7
L18K	Granite Moun	82.88	11	P	P	08 29 18.3 +0.9
L16K	Owhat River	82.91	12	Iamb	Iamb	08 29 21.1
L16K	Owhat River	82.91	12	P	P	08 29 18.4 +0.9
K29M	Barlow Dome	82.97	2	Iamb	Iamb	08 29 19.2
K29M	Barlow Dome	82.97	2	P	P	08 29 18.5 +0.6
YKAWI	Yellowknife Wn	83.10	351	Iamb	Iamb	08 29 19.6
YKA	Yellowknife Ar	83.10	351	P	P	08 29 18.4 -0.1
YKA	Yellowknife Ar	83.10	351	P	P	08 29 18.3 -0.2
DHY	Denali Highway	83.18	6	P	P	08 29 19.0 -0.1
L19K	White Mountain	83.19	10	Iamb	Iamb	08 30 53.7
L19K	White Mountain	83.19	10	P	P	08 29 19.9 +0.8
WRGLY	Wrigley	83.26	355	P	P	08 29 20.3 +1.0
L22K	Petersville	83.38	8	P	P	08 29 19.9 -0.1
PAX	Paxson	83.44	5	P	P	08 29 20.3 -0.1
L26K	Log Cabin Wild	83.53	4	Iamb	Iamb	08 29 22.4
L26K	Log Cabin Wild	83.53	4	P	P	08 29 21.7 +0.9
M17K	Holitna River	83.54	11	P	P	08 29 21.7 +0.9
CUT	Cutline	83.55	8	P	P	08 29 21.4 +0.6
BCAR	Beaver Creek A	83.58	4	P	P	08 29 22.0 +0.9
L27K	Beaver Creek,	83.58	4	Iamb	Iamb	08 29 23.2
L27K	Beaver Creek,	83.58	4	P	P	08 29 21.8 +0.7
WAT6	Susitna Watana	83.63	6	P	P	08 29 21.7 +0.3
M15K	Kasulik River	83.64	13	P	P	08 29 21.6 +0.3
M16K	Timber Creek	83.64	12	P	P	08 29 21.8 +0.5
L29M	L29M	83.69	2	P	P	08 29 22.2 +0.6
M18K	Stony River	83.71	10	P	P	08 29 22.2 +0.6
M20K	Styx River	83.71	9	P	P	08 29 22.1 +0.3
SKT	Skwentna	83.82	8	Iamb	Iamb	08 29 21.8
SKT	Skwentna	83.82	8	P	P	08 29 22.4 +0.1
HARP	HARP	84.03	5	P	P	08 29 24.2 +0.9
N14K	Kuskokwak Cree	84.16	14	P	P	08 29 24.2 +0.2
M26K	Nabesna, AK	84.18	4	Iamb	Iamb	08 29 25.6
M26K	Nabesna, AK	84.18	4	P	P	08 29 24.8 +0.7
N16K	Nishlik Lake	84.19	12	P	P	08 29 24.9 +0.8
M22K	Willow	84.20	8	P	P	08 29 24.9 +0.8
MMPY	Sheldon Lake,	84.21	359	P	P	08 29 25.3 +1.0
M24K	Tolsona, Glenn	84.24	6	P	P	08 29 25.6 +1.2
N15K	Kwethluk River	84.24	13	P	P	08 29 24.9 +0.5
M30M	Minto, Yukon	84.25	1	P	P	08 29 25.6 +1.1
BVCY	Beaver Creek	84.28	3	P	P	08 29 25.5 +0.9
M27K	Edge Creek, AK	84.28	4	P	P	08 29 26.0 +1.2
SMLK	Sawmill	84.34	7	P	P	08 29 25.3 +0.3
M29M	Somme Creek	84.34	2	P	P	08 29 25.9 +0.9
VLDO	Vai d'Or	84.36	326	Iamb	Iamb	08 29 27.1
SCM	Sheep Creek Mo	84.41	6	P	P	08 29 26.3 +1.0
M23K	Glacier View	84.41	7	P	P	08 29 25.9 +0.7
N17K	Nushagak Hills	84.41	11	P	P	08 29 26.0 +0.8
PMR	Palmer	84.47	7	P	P	08 29 26.2 +0.7
PMR	Palmer	84.47	7	P	P	08 29 26.1 +0.7
N18K	Kilae Creek	84.47	11	P	P	08 29 25.9 +0.3
SPCR	Spurr Chakacha	84.49	9	P	P	08 29 25.9 +0.1
N19K	Bananza Creek	84.55	10	P	P	08 29 27.0 +0.9
SPIA	Saint Paul Is	84.63	19	P	P	08 29 27.3 +1.0
M31M	Drury Creek, Y	84.66	0	Iamb	Iamb	08 29 28.3
M31M	Drury Creek, Y	84.66	0	P	P	08 29 27.3 +0.8
KNK	Knik Glacier	84.71	7	P	P	08 29 27.2 +0.4
FRNY	Flat Rock	84.74	322	Iamb	Iamb	08 29 33.4
N25K	Chitina, Valde	84.86	5	P	P	08 29 27.0 -0.6
O14K	Tiguykaiuvit M	84.86	14	P	P	08 29 27.6 0.0
KLU	Klutina	84.87	6	P	P	08 29 28.5 +0.9
Y001	Rabbit Creek A	84.89	8	P	P	08 29 28.0 +0.3
RC3K	Moose Creek	84.94	3	P	P	08 29 28.8 +0.6
CAPN	Captain Cook N	85.04	8	P	P	08 29 29.3 +0.9
O16K	Kolok River B	85.14	12	P	P	08 29 30.0 +1.1

O17K	Koliganek Bris	85.14	12	P	P	08 29 30.0 +1.1
O19K	Port Alsworth	85.17	10	P	P	08 29 30.2 +1.2
MCARA	McCarty VSAT	85.19	4	P	P	08 29 30.2 +1.0
O15K	Ungalikthiuk R	85.21	13	P	P	08 29 30.3 +1.0
N31M	Braeburn, Yuko	85.36	1	P	P	08 29 30.9 +0.8
O18K	Koktuh Hills	85.36	11	P	P	08 29 30.7 +0.6
N30M	Alishik Lake	85.37	2	P	P	08 29 30.9 +0.8
BRWY	Burwash Landin	85.40	2	P	P	08 29 30.9 +0.7
LONY	Lake Ozonia	85.40	322	Iamb	Iamb	08 29 32.1
LONY	Lake Ozonia	85.40	322	P	P	08 29 31.4 +0.9
YUK4	Talbot Arm	85.44	2	P	P	08 29 30.9 +0.3
YUK8	Steele Glacier	85.46	3	P	P	08 29 31.2 +0.3
BMRM	Bremner River	85.49	5	P	P	08 29 31.3 +0.6
O20K	Slope Mountain	85.52	9	P	P	08 29 31.6 +0.6
P16K	Nushagak River	85.69	12	P	P	08 29

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for G006, G006, EDSS, PLCA, LRO5, ML02, G005.

ISN 03 08:35:02.5:1.1, 33.51N:46.04E, h14km, 12km, ML2.8, Presumed earthquake

TEH 03 08:35:02.6:1.1, 33.51N:46.04E, h10km, 53km, ML2.8, Presumed earthquake

ISC 03 08:35:02.6:1.1, 33.51N:46.04E:0.05, h14km, 10km, n7, 0.07/10, Iran-Iraq border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for ILBA, IGHG, IDHR, BHD, RAFI, SNQR.

ASRS 03 08:35:24.0:0.9, 53.65N:87.90E, h0km, M2.7(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022

ISC 03 08:35:27.2:0.3, 53.58N:87.86E, h0km, mbmp2.9/2, ML2.6/2, Error ellipse: s-maj=24.6km s-min=15.1km

NNC 03 08:35:29.2:4.7, 53.40N:87.67E, h0km, mb3.0, mpv2.7, Error ellipse: s-maj=35.0km s-min=20.4km az=68.0, Suspected Mining explosion

ISC 03 08:35:29.8:3.5, 53.63N:0.1:87.6E:0.2, h0km, n8, 0.1975/13, 10C-1D, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for I46RU, ZAAO, ZAAO, ZALV, ZALV, KURK, KURK, KURB, KURB, MK31, MK31, MKAR, MKAR, MKAR.

TEH 03 08:37:45.5:1.3, 33.53N:45.93E, h10km, 244km, ML2.9, Presumed earthquake

ISN 03 08:37:47.2:1.8, 33.55N:45.95E, h24km, 24km, ML3.1, Presumed earthquake

ISC 03 08:37:45.5:1.0, 33.51N:0.06:45.97E:0.05, h10km, n6, 0.067/9, Iran-Iraq border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for ILBA, IGHG, IDHR, BHD, RAFI, RAFI, RAFI.

RSNC 03 08:37:52.1:0.5, 3.3N:3.8W:3.1, h0km, M3.6, mb3.8, ML2.9, South of Panama

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for CACA, PAC1, AZU, PPLV, OTAV, OTAV, PIZC, SOLC, JAMC, POPC, BCIP, YOTO, YOTO, PLMC, PLMC, SHTS, CBOC, GUY2, GUY2, PRAC, PRAC, PTBC.

SPBC San Pablo de B 9.00 75 P Pn 08 40 07.5 +3.9

TEH 03 08:39:54.8, 33.60N:45.81E, h6km, 22km, ML3.5, Presumed earthquake
ISC 03 08:39:56.3:1.9, 33.57N:46.07E, h0km, mb3.6/7, mbmp3.6/10, ML4.1/3, Error ellipse: s-maj=43.1km s-min=18.2km az=163.0

ISC 03 08:39:57.0:1.8, 33.59N:45.81E, h32km, 25km, ML3.3, Presumed earthquake

ISC 03 08:39:57.7:0.7, 33.58N:0.06:45.94E:0.05, h10km, n23, 0.1941/23, mb3.6/6, Iran-Iraq border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for ILBA, IGHG, IDHR, BHD, IBZA, RAFI, RAFI, IDOB, SNQR, AMIS, IPHR, IKLH, ASF, MMAI, EIL, AKTO, MLR, AKASO, KURBB, HFS, ZALV, TORD, YKA.

MOS 03 08:41:44.9, 41.32N:46.88E, h8km, MPVA3.8

AZER 03 08:41:44.1, 41.32N:46.77E, h9km, ml3.0

DRS 03 08:41:46.3, 41.27N:46.88E, h19km, 1km

ISC 03 08:41:47.2:1.0, 41.29N:0.02:46.85E:0.02, h7km, 9km, n56, 0.1539/106, Eastern Caucasus

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for SEKA, VSHL, ZKTA, MNGR, IDFL, AKT, LGD, GANJ, QBL, QBL, KMKR, XNO, XNO, GDB, URKR, BRDA, QASR, IGHG, GNB, GNB, DGRG, IML, OZZ, ZRD, AGDM, QUBA, SGKR, ARKR, DRN, BUJR, PQL, POE, UNCR, UNCR, BTLR, KRN, KRN, BUJR, BUJR, SIZA, SIZA, SEAG, ATGJ, BLO, BLO, DBC, CHRG, CHRG, KZRT, KZRT, SHTL, QRD, QRD, GNI, GNI, GROC.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for GROC, TRLG, TRLG, SBZ, GLB, CLIBAD, LACR, LACR, ORD, ORD, AKH, AKH, ALIG, ALIG, ALYD, ALYD, YRD, YRD, LERIK, LERIK, DIGR, DIGR, DIGR, DIGR, ASTR, ASTR, KBZ, KBZ, SH1, SH1, SH1, SH1.

ASRS 03 08:50:07.0:1.1, 54.15N:87.24E, h0km, M2.5(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022

ISC 03 08:50:05.3:3.3, 54.25N:87.63E, h0km, mbmp2.8/2, ML2.5/2, Error ellipse: s-maj=25.9km s-min=18.4km az=46.0, Southwestern Siberia

ISC 03 08:50:05.3:3.3, 54.25N:87.63E:0.05, h0km, n10, 0.1975/13, 10C-1D, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for I46RU, ZALV, ZALV, KURBB, KURBB, KURBB, MKAR, MKAR.

TEH 03 08:50:13.5, 33.62N:46.00E, h8km, 38km, ML3.0, Presumed earthquake

ISC 03 08:50:14.6:1.2, 33.61N:0.05:45.98E:0.05, h9km, 10km, n9, 0.1912/13, Iran-Iraq border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for ILBA, IGHG, IGHG, KCHF, IDHR, BHD, IDOB, SNQR, RAFI, QABG.

ISC 03 09:02:42.9:1.9, 24.35S:66.94W, h163km, 22km, mb3.4/3, mbmp3.7/9, Error ellipse: s-maj=24.6km s-min=16.6km az=98.0

SJA 03 09:02:42.8:1.1, 24.35S:67.27W, h170km, 7km, ML3.1, MW3.5

ISC 03 09:02:42.4:0.8, 24.37S:0.05:67.27W:0.04, h175km, n28, 0.1912/13, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for SALTA, SALTA, SALTA, SLA, SLA, SLA, HJA, HJA, HJA, FSA, PB06, PB06, PB14, PB14, AC02, AC02, PB05, PB05, AC01, AC01, TINO, TINO, PB02, PB02, GO03, GO03, GO03, PATCX, PATCX, VCA, VCA, PB08, PB08, TA01, TA01, GO01, GO01, ACLC, ACLC, PB11, PB11, CFA, CFA, LPAZ, LPAZ, LPAZ, CPUP.

Table with columns for station name, frequency, power, and other technical details. Includes stations like BOJS, PTJ, SOC, VSL, PSZ, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like WATA, SOTA, FUORN, FETA, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like CLL, VSR, SSB, ECH, etc.

Table with columns for station name, frequency, power, and time. Includes stations like BMRD Maredsous, CLF Chambon-Forêt, UCC Uccle, etc.

Table with columns for station name, frequency, power, and time. Includes stations like UOSS Minazif, KEF Keuruu, KLMR Klimovskoe, etc.

Table with columns for station name, frequency, power, and time. Includes stations like AAK Ala-Archa, UCH Uchtor, CHMS Chumysh, etc.

3d 9h

2020 JUN

Table with columns: Station Name, Frequency, Class, Mode, Power, and Date/Time. Includes stations like SFJD, TSUM, NEEM, NUUG, MOY, GOMU, KULLO, GRTL, TLY, ZAK, SHL, IRK, WIN, LPH, GA2, TULEG, LKWB, LBTB, SONM, ULN, POIN, TIXI, LZH, CD2, SCH, BTO2, PZH, RES, HHC, CHTO, KMI2, CM31, CMAR, YAK, XAN, HILR, HIA, XLT, ENH, LYN, BJT, BJ2, ZEA.

Table with columns: Station Name, Frequency, Class, Mode, Power, and Date/Time. Includes stations like HNS, LDAO, HEH, TIA, BLKN, A36M, WHN, MINTO, BCX, HNH, WES, HRV, CN2, DL2, LONY, BNX, NBMA, GSI, GSI, C36M, C36M, PSI, RPSI, FCC, FCC, NJ2, J57A, A22K, L59A, PECO, DELO, PBSI, BINY, K57A, B22K, B22K, A19K, KSPA, C26K, B20K, MA2, MA2, MA2, SADO, C27K, C27K, C23K, C23K, C24K, C24K, D27M, B21K, B21K, MMNY, D25K, INK, INK, MEDO, D24K, D24K, N58A, C19K, E28M, E28M, C21K, E29M, USRK, D23K, D23K, MVL, MVL, C18K, C18K, D20K, D20K, C17K.

Table with columns: Station Name, Frequency, Class, Mode, Power, and Date/Time. Includes stations like TOLK, C16K, E27K, E27K, F31M, F31M, P31, P31, F30M, D19K, D19K, E21K, SSPA, E25K, E25K, E20K, RDQG, PDSI, F28M, E24K, E22K, E23K, E23K, G31M, G31M, F26K, E46A, D17K, ERPA, G30M, G30M, F25K, KS19, PAOC, KSAR, KSAR, KSRS, G29M, G29M, P57A, F24K, F24K, YKAW, YKAW, YKA, YKA, YKA, E18K, E18K, F22K, E19K, G26K, G26K, G27K, EPYK, E17K, F21K, F21K, PAMR, F20K, H31M, H31M, H29M, H29M, G22K, F19K, F19K, R58B, G24K, FYU, G23K, K50A, H27K, H27K, F18K, CMCO, N53A, F17K, MCW, G21K, G21K, T59A, WRGL.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like I30M Mount Dempster, G19K Purcell Moun, TNA Tin City, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like J19K Poorman, DOT Dot Lake, L29M L29M, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like SML Sawmill, N25K Chitina, O30N Mendenhall, etc.

3d 9h

Table with columns: ID, Name, baz, SNR, I, A, M, B, Time, Res. Includes stations like O18K Koktuk Hills, V48A Smith Brothers, FPAL Fort Paine, etc.

2020 JUN

Table with columns: ID, Name, baz, SNR, I, A, M, B, Time, Res. Includes stations like PV16 Nyswonger Mesa, PV03 Paradox Valley, PV13 Radium Mtn., etc.

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Table with columns: ID, Name, baz, SNR, I, A, M, B, Time, Res. Includes stations like G001 Chusmiza, G001 IPOC Station P, PB11 IPOC Station P, etc.

HEL 03 09:06:51.9-0.1, 61.56N-21.76E, h0km, ML1.1, Explosion, Finland

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes stations like KPF Kankaanpaa, KPF KPF, RAF Rauma, etc.

UPP 03 09:07:08.9-0.5, 67.42N-23.38E, h0km, ML2.0, Suspected explosion

HEL 03 09:07:09.4-0.1, 67.42N-23.34E, h0km, ML1.5, Suspected explosion

IDC 03 09:07:09.6-1.6, 67.45N-23.32E, h0km, mbtmp2.6/2, ML2.0/2, Error ellipse: s-maj=36.2km s-min=11.7km z=-0.6, Sweden

ISC 03 09:07:08.9-0.7, 67.42N-23.30E-0.02, h0km, n38, o:088/56, Sweden

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res. Includes stations like KLF Kolari, PAJU Pajala, MASU Masugnbyn, etc.

3d 9h

Table with columns: Cb, Canbera, Magna, time, P, P, 09 37 48.9 +2.6, etc. Lists various locations and their associated data points.

2020 JUN

Table with columns: JAY, Jayapura, 46.60 292, ScP, ScP, 09 45 16.0 +2.3, etc. Lists various locations and their associated data points.

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Table with columns: LUWI, Luwuk, 62.91 282, P, P, 09 41 53.3 -1.1, etc. Lists various locations and their associated data points.

Table with columns for station name, coordinates, and status. Includes stations like ATKA Atka Island, BLSI Bandar Lampung, PMSA Palmer Station, etc.

Table with columns for station name, coordinates, and status. Includes stations like AY03 Cochrane, MNRC McLaughlin Min, TPO Trope Hills, etc.

Table with columns for station name, coordinates, and status. Includes stations like TYV comp=E,30nm,1.9s, TYV comp=N,800nm,6.4s, etc.

Q19K	comp=Z,112nm,0.9s Cape Douglas, baz=201	85.61	12	P	P	09 44 05.6 +0.5
M13K	Dall Lake comp=Z,69nm,1.0s	85.63	7	Iamb	Iamb	09 44 07.6
M13K	Dall Lake baz=192	85.63	7	P	P	09 44 06.6 +1.6
DL2	Dalian	85.64	316	P	P	09 44 06.3 +0.6
DL2				pP	pP	09 44 32.8 +1.5
DL2				sP	sP	09 44 46.8 +5.1
DL2				SKS	SKS	09 54 18.8 -3.1
DL2				S	S	09 54 32.0 +2.3
DL2				S	S	09 54 32.0 +2.3
DL2	comp=Z,610nm,1.1s			S	S	
DL2				pmax	pmax	
WVOR	Wild Horse Val comp=Z,74nm,1.1s	85.72	39	Iamb	Iamb	09 44 39.2
CNSH	ChangSha	85.75	304	P	P	09 44 07.3 +0.8
CNSH				pmax	pmax	
P18K	Big Mountain, baz=199,SNR=15	85.76	11	P	P	09 44 06.1 +0.3
N15K	Kwetik River baz=195,SNR=53	85.77	8	P	P	09 44 07.1 +1.3
O17K	Koliganek Bris baz=198,SNR=16	85.82	10	P	P	09 44 06.4 +0.4
GRNR	Gornyy	85.85	332	pP	pP	09 44 07.3 +0.9
GRNR				pmax	pmax	
WHN	Wuhan	85.92	306	pP	pP	09 44 08.2 +1.0
WHN				pP	pP	09 44 36.4 +3.6
WHN				S	S	09 54 33.3 +0.6
WHN				pmax	pmax	
CCUT	Cedar City comp=Z,136nm,1.6s	85.98	45	Iamb	Iamb	09 44 52.3
PSI	Prapat	86.01	275	P	P	09 44 07.3 -1.0
PSI	Prapat	86.01	275	P	P	09 44 07.3 -1.0
KNB	Kanab	86.03	46	Iamb	Iamb	09 44 52.3
KNB	Kanab	86.03	46	P	P	09 44 09.9 +2.0
U15A	North Rim	86.04	47	Iamb	Iamb	09 44 52.7
M14K	Bethel	86.11	7	P	P	09 44 08.5 +1.2
WUAZ	Wupaki River baz=193,SNR=27	86.14	48	Iamb	Iamb	09 44 46.4
WUAZ				Iamb	Iamb	09 44 46.4
SZCU	Shurtz Canyon comp=Z,149nm,1.7s	86.19	46	Iamb	Iamb	09 44 53.2
O18K	Koktuh Hills baz=199,SNR=57	86.20	11	P	P	09 44 08.4 +0.5
M15K	Kasigliuk River baz=194,SNR=69	86.21	8	P	P	09 44 09.2 +1.2
SNY	Shenyang	86.24	320	pP	pP	09 44 09.4 +0.9
SNY				S	S	09 54 37.7 +2.4
SNY				pmax	pmax	
SNY	comp=Z,310nm,1.0s			LR	LR	
SNY	comp=Z,910nm,17.7s			LR	LR	
SNY	comp=Z,660nm,17.7s			LR	LR	
SNY				LR	LR	
N16K	comp=Z,11m,26.7s Nishik Lake baz=196,SNR=51	86.25	9	P	P	09 44 09.4 +1.2
GULI	GuLin	86.28	300	P	P	09 44 10.9 +1.7
GULI				S	S	09 54 27.4 +0.8
GULI				pmax	pmax	
GULI	comp=Z,180nm,1.3s			LR	LR	
GULI	comp=Z,21m,24.1s			LR	LR	
GULI	comp=Z,11m,22.4s			LR	LR	
GULI	comp=Z,31m,38.7s			LR	LR	
P19K	Oil Pt baz=201	86.36	12	P	P	09 44 09.1 +0.4
J08A	Circle Bar Ran comp=Z,84nm,1.2s	86.40	38	Iamb	Iamb	09 44 57.7
N17K	Nushagak Hills	86.53	10	P	P	09 44 10.1 +0.6
N17K	Nushagak Hills baz=196,SNR=12	86.53	10	P	P	09 44 10.3 +0.8
BNX	BinXian	86.60	325	pP	pP	09 44 09.8 -0.4
BNX				pP	pP	09 44 36.3 +0.3
BNX				sP	sP	09 44 47.6 +1.2
BNX				PP	PP	09 47 35.6 +1.8
BNX				S	S	09 54 42.2 +3.5
BNX				LR	LR	
BNX	comp=Z,590nm,23.9s			LR	LR	
BNX	comp=Z,530nm,27.1s			LR	LR	
GSJ	Gunungsitoli	86.61	273	P	P	09 44 12.1 +1.0
GSJ	Gunungsitoli	86.61	273	P	P	09 44 11.9 +0.8
L14K	Kuka Creek comp=Z,131um,1.1s	86.61	7	Iamb	Iamb	09 44 47.5
L14K	Kuka Creek baz=193,SNR=35	86.61	7	P	P	09 44 11.1 +1.2
CNPM	China Pool comp=Z,98nm,1.1s	86.63	13	Iamb	Iamb	09 44 47.0
HOM	Homar	86.67	12	P	P	09 44 11.0 +0.8
O19K	Port Alsworth baz=202,SNR=40	86.68	11	P	P	09 44 10.6 +0.4
DIB	Dawson Inlet, comp=Z,50nm,1.0s	86.68	25	Iamb	Iamb	09 44 42.1
ELK	Elko	86.69	42	LR	LR	10 15 19.6
ELK	Elko	86.69	42	P	P	09 44 12.1 +1.0
ELK	Elko	86.69	42	P	P	09 44 12.4 +1.8
KLR	Kul'dur	86.81	329	LR	LR	10 20 02.7
KLR	Kul'dur	86.81	329	pP	pP	09 44 11.0 -0.2
KLR				pmax	pmax	
GNW	Green Mountain comp=Z,96nm,1.5s	86.84	33	Iamb	Iamb	09 44 57.7
B04A	Port Angeles comp=Z,138nm,1.6s	86.84	33	Iamb	Iamb	09 44 58.1
EFI	East Falkland	86.85	147	P	P	09 44 13.5 +2.1
EFI	East Falkland	86.85	147	pP	pP	09 44 12.2 +0.7
EFI				pmax	pmax	
N18K	Kilae Creek baz=199,SNR=9.0	86.88	10	P	P	09 44 11.7 +0.5
O20K	Slope Mountain comp=Z,21m,1.7s	86.88	12	P	P	09 44 11.6 +0.3
B10K	San Fabian de	86.95	129	Iamb	Iamb	09 44 15.1
K13K	Kusilvak Mount comp=Z,125nm,0.9s	87.00	6	Iamb	Iamb	09 44 14.6
K13K	Kusilvak Mount baz=191,SNR=18	87.00	6	P	P	09 44 13.1 +1.3
121A	Cookes Peak, D comp=Z,60nm,1.2s	87.02	52	Iamb	Iamb	09 45 01.9
TIA	Taian	87.02	312	P	P	09 44 12.8 +0.3
TIA				SKS	SKS	09 54 29.0 -1.7
TIA				S	S	09 54 44.5 +1.3
TIA				LR	LR	
TIA	comp=Z,21m,24.5s			LR	LR	
TIA	comp=Z,11m,23.1s			LR	LR	
L15K	Ungalak Mounta baz=194	87.07	7	P	P	09 44 13.1 +1.0
RED	Redoubt Volcan comp=Z,60nm,0.8s	87.16	12	Iamb	Iamb	09 44 49.3
N19K	Bonanza Creek comp=Z,71nm,1.0s	87.23	11	Iamb	Iamb	09 44 43.7
N19K	Bonanza Creek baz=200,SNR=21	87.23	11	P	P	09 44 12.9 -0.1
PGC	Sidney	87.27	32	Iamb	Iamb	09 44 59.8
GO05	Hualane	87.28	127	Iamb	Iamb	09 44 16.2
M17K	Holitna River	87.33	9	Iamb	Iamb	09 44 46.4
M17K	Holitna River baz=197,SNR=53	87.33	9	P	P	09 44 15.0 +1.6
CBB	Campbell River comp=Z,150nm,1.6s	87.33	30	Iamb	Iamb	09 44 47.4

L16K	Owhat River comp=Z,51nm,0.9s	87.34	8	Iamb	Iamb	09 44 45.5
L16K	Owhat River baz=196,SNR=29	87.34	8	P	P	09 44 14.7 +1.3
G08A	Pilot Mounk comp=Z,50nm,1.1s	87.36	37	Iamb	Iamb	09 44 46.5
SEW	Seward	87.53	13	Iamb	Iamb	09 44 53.7
SEW	Seward	87.53	13	P	P	09 44 14.9 +0.6
EPT	El Paso	87.55	53	Iamb	Iamb	09 44 57.5
Q23K	Middleton Isla baz=204	87.61	15	P	P	09 44 15.9 +1.2
M18K	Stony River baz=199,SNR=22	87.65	10	P	P	09 44 15.8 +0.9
K15K	Wolf Creek Moun baz=193,SNR=45	87.66	7	P	P	09 44 16.3 +1.4
A04D	Amni Island	87.68	32	Iamb	Iamb	09 44 49.2
LTY	Liberty	87.72	34	Iamb	Iamb	09 45 01.7
LTY				pmax	pmax	
TPTI	comp=Z,44um,comp=Z,615nm,0.7s	87.78	275	P	P	09 44 16.8 +0.1
CAPN	Captain Cook N baz=203	87.79	12	P	P	09 44 16.9 +1.3
O22K	Cooper Landing comp=Z,107nm,0.8s	87.81	13	Iamb	Iamb	09 45 04.5
O22K	Cooper Landing baz=204	87.81	13	P	P	09 44 16.4 +0.7
P23K	Montague Islan	87.87	14	P	P	09 44 16.7 +0.7
L17K	Donlin baz=197,SNR=38	87.91	9	P	P	09 44 17.7 +1.6
HMO	Henry Mountain comp=Z,113nm,1.3s	87.91	46	Iamb	Iamb	09 45 00.9
BMU	Blue Mountains comp=Z,89nm,1.9s	87.99	38	Iamb	Iamb	09 44 20.8
SPCR	Spurr Chakacha baz=202,SNR=12	87.99	12	P	P	09 44 16.8 +0.1
SPU	Mount Spurr comp=Z,38nm,0.8s	88.00	12	Iamb	Iamb	09 44 48.9
Q16A	Castle Valley comp=Z,46nm,1.1s	88.18	45	Iamb	Iamb	09 44 52.1
BO01	Tunca comp=Z,50nm,1.1s	88.18	127	Iamb	Iamb	09 44 20.5
SNSI	Sinabang, Aceh comp=Z,61um,comp=Z,498nm,1.5s	88.20	273	P	P	09 44 20.5 +1.8
CRAG	Craig baz=219	88.20	23	P	P	09 44 17.7 0.0
BO02	Sierra Bellavi comp=Z,124nm,1.2s	88.21	128	Iamb	Iamb	09 44 21.0
L18K	Granite Mounta comp=Z,60nm,1.0s	88.22	9	Iamb	Iamb	09 44 49.7
L18K	Granite Mounta baz=198,SNR=63	88.22	9	P	P	09 44 18.7 +1.1
MA2	Magadan comp=Z,956nm,20.1s	88.23	344	LR	LR	10 19 32.8
MA2	Magadan	88.23	344	P	P	09 44 18.1 +0.4
MA2	Magadan	88.23	344	P	P	09 44 16.8 -0.9
MA2	Magadan	88.23	344	pP	pP	09 44 17.9 +0.2
MA2				pmax	pmax	
MA2	comp=Z,282nm,1.0s	88.23	344	P	P	09 44 18.1 +0.4
MNTX	Cornudas Mount comp=Z,45nm,1.0s	88.34	35	Iamb	Iamb	09 45 05.3
EPH	Ephrata comp=Z,33nm,1.0s	88.34	35	Iamb	Iamb	09 45 06.3
TMUT	Trail Mountain comp=Z,86nm,0.9s	88.36	45	Iamb	Iamb	09 45 03.8
RC01	Rabbit Creek A baz=204,SNR=7.5	88.37	13	P	P	09 44 19.1 +0.8
GAMB	Gambell baz=184	88.39	2	P	P	09 44 19.5 +1.2
HIN	Hinchenbrook I comp=Z,96nm,1.2s	88.43	14	Iamb	Iamb	09 44 55.3
TX31	Lajitas Ar, Si comp=Z,34nm,1.6s	88.43	57	Iamb	Iamb	09 44 51.4
TXAR	Lajitas Array comp=Z,16nm,1.2s,baz=210,slow=4.7,SNR=28	88.44	57	P	P	09 44 20.4 +0.8
TXAR				P	P	10 02 06.2 +0.6
TXAR	comp=Z,2.8nm,0.8s,baz=96,slow=3.8,SNR=15	88.44	57	P	P	10 02 06.2 +0.6
TXAR	comp=Z,2.2nm,1.0s,baz=93,slow=2.5,SNR=9.8	88.44	57	P	P	10 02 06.2 +0.6
TXAR				LR	LR	10 15 42.7
TXAR	comp=Z,793nm,21.2s,baz=292,slow=30	88.44	57	P	P	09 44 20.1 +0.5
L19K	White Mountain comp=Z,156nm,1.3s	88.46	10	Iamb	Iamb	09 44 21.2
L19K	White Mountain baz=200,SNR=60	88.46	10	P	P	09 44 19.7 +0.9
M20K	Styx River	88.47	11	P	P	09 44 18.7 -0.2
K17K	Iditarod comp=Z,62nm,0.9s	88.47	8	Iamb	Iamb	09 45 11.6
K17K	Iditarod baz=197,SNR=27	88.47	8	P	P	09 44 19.5 +0.8
D08A	Wollman Farm, comp=Z,60nm,0.9s	88.50	35	Iamb	Iamb	09 44 58.1
KAIM	Kayak Island baz=209	88.51	16	P	P	09 44 20.0 +1.0
MT09	Talagante comp=Z,99nm,1.1s	88.55	127	Iamb	Iamb	09 44 22.3
V35K	Ketchikan baz=220,SNR=6.9	88.64	24	P	P	09 44 21.2 +1.5
MT02	Curacav comp=Z,97nm,1.6s	88.69	126	Iamb	Iamb	09 44 23.2
SRU	San Rafael Swe comp=Z,47nm,0.9s	88.70	25	Iamb	Iamb	09 45 04.6
SIT	Sitka baz=217	88.70	21	P	P	09 44 21.2 +1.2
U33K	Whale Pass comp=Z,95nm,1.0s	88.71	23	Iamb	Iamb	09 44 52.8
U33K	Whale Pass baz=219	88.71	23	P	P	09 44 21.5 +1.5
SPUT	South Promonto comp=Z,56nm,1.7s	88.72	43	Iamb	Iamb	09 45 07.7
F10A	Beach Ranch, E comp=Z,46nm,1.0s	88.73	37	Iamb	Iamb	09 44 51.3
GLI	Glacier Island baz=207,SNR=7.7	88.73	14	P	P	09 44 20.3 +0.3
J16K	Anvik River comp=Z,74nm,0.9s	88.73	7	Iamb	Iamb	09 44 22.6
J16K	Anvik River baz=194	88.73	7	P	P	09 44 20.9 +0.9
EYAK	Cordova Ski Ar comp=Z,116nm,1.4s	88.74	15	P	P	09 44 21.0 +1.0
EYAK	Cordova Ski Ar baz=208,SNR=6.6	88.74	15	Iamb	Iamb	09 44 22.2
FID	Port Fidalgo comp=Z,148nm,1.4s	88.75	14	Iamb	Iamb	09 44 22.0
P17A	Butcher Ranch, comp=Z,42nm,1.1s	88.77	45	Iamb	Iamb	09 44 53.5
LHMI	Lhok Sumawe comp=Z,95nm,1.0s	88.81	276	P	P	09 44 22.8 +1.2
LHMI	Lhok Sumawe comp=Z,61um,comp=Z,779nm,0.9s	88.81	276	P	P	09 44 23.0 +1.4
SKT	Skwentna comp=Z,43nm,1.0s	88.84	12	Iamb	Iamb	09 45 11.2
SKT	Skwentna baz=					

MCARA	McCarthy VSAT	90.12	16	P	P	09 44 27.6 +1.1
WAT6	Susitna Watana	90.12	13	P	P	09 44 27.2 +0.5
WAT1	Susitna Watana	90.19	13	P	P	09 44 27.5 +0.6
NEW	Newport	90.21	35	P	P	09 44 27.7 +0.4
PLBC	Pleasant Camp	90.31	19	P	P	09 44 28.8 +1.4
O28M	Mount Upton	90.32	17	I	Amb	09 45 08.0
O28M	Mount Upton	90.32	17	P	P	09 44 29.0 +1.1
TNA	Tin City	90.35	4	I	Amb	09 44 29.6
TNA	Tin City	90.35	4	P	P	09 44 28.0 +0.6
F14K	Arctic Creek	90.36	4	P	P	09 44 28.5 +0.9
O29M	Mount Kennedy	90.36	18	I	Amb	09 45 03.1
O29M	Mount Kennedy	90.36	18	P	P	09 44 29.4 +1.5
AHID	Auburn Hatcher	90.38	42	I	Amb	09 45 13.9
T35M	Bob Quinn	90.40	23	I	Amb	09 45 25.1
T35M	Bob Quinn	90.40	23	P	P	09 44 29.9 +2.0
H17K	Granite Mounta	90.42	7	I	Amb	09 44 29.7
H17K	Granite Mounta	90.42	7	P	P	09 44 28.3 +0.4
S22A	4UR Ranch, Cre	90.42	48	I	Amb	09 45 04.0
BSI	Banda Aceh	90.42	276	P	P	09 44 29.1 0.0
TRF	Thorofore Moun	90.42	12	P	P	09 44 28.1 0.0
J20K	Nowinta River	90.45	10	I	Amb	09 45 01.8
J20K	Nowinta River	90.45	10	P	P	09 44 28.6 +0.6
CHUM	Lake Minchumin	90.47	11	P	P	09 44 28.0 -0.1
HARP	HAARP	90.51	14	P	P	09 44 29.6 +1.3
GCSA	Galena City Sc	90.60	8	P	P	09 44 29.7 +1.1
G16K	Koyuk River	90.61	6	P	P	09 44 29.8 +1.1
SKAG	Skagway	90.63	20	P	P	09 44 28.9 0.0
SKAG	Skagway	90.63	20	I	Amb	09 45 10.3
SKAG	Skagway	90.63	20	P	P	09 44 30.9 +2.0
DHY	Denali Highway	90.64	13	I	Amb	09 44 31.1
DHY	Denali Highway	90.64	13	P	P	09 44 29.5 +0.3
P30M	Million Dollar	90.68	19	P	P	09 44 31.1 +1.8
F15K	North Star Dit	90.72	5	I	Amb	09 44 31.2
F15K	North Star Dit	90.72	5	P	P	09 44 29.9 +0.7
S34M	Telegraph Cree	90.79	22	I	Amb	09 45 02.7
S34M	Telegraph Cree	90.79	22	P	P	09 44 31.7 +1.9
H18K	Honhosa River	90.80	8	I	Amb	09 44 31.4
H18K	Honhosa River	90.80	8	P	P	09 44 30.2 +0.5
O18O	Del Rio	90.81	58	I	Amb	09 45 02.6
SEY	Seymchan	90.82	346	LR	LR	10 22 58.0
SEY	Seymchan	90.82	346	eP	eP	09 44 29.5 -0.2
YUK8	Steele Glacier	90.86	17	P	P	09 44 31.4 +1.1
G17K	Kiwalik Mounta	90.88	7	P	P	09 44 30.7 +0.7
FXWY	Fox Creek	90.91	41	I	Amb	09 45 03.7
MCK	McKinley	90.93	12	P	P	09 44 30.7 +0.5
PAX	Paxson	90.95	14	I	Amb	09 45 01.8
PAX	Paxson	90.95	14	P	P	09 44 30.9 +0.4
YUK6	Outpost Mounta	90.95	18	P	P	09 44 31.7 +1.0
DLMT	Dillon	90.97	39	I	Amb	09 45 16.8
SNOW	Snow King Moun	90.98	42	I	Amb	09 45 08.0
I20K	Naagdeneel	90.99	9	P	P	09 44 31.3 +0.9
TIY	Taiyuan	91.00	311	eP	eP	09 44 32.6 +1.3
TIY	Taiyuan			SKS	SKS	09 54 52.7 -1.6
TIY	Taiyuan			S	S	09 55 22.4 -1.1
TIY	Taiyuan			LR	LR	
TIY	Taiyuan			LR	LR	
M26K	Nabesna, AK	91.01	15	I	Amb	09 45 23.6
M26K	Nabesna, AK	91.01	15	P	P	09 44 31.6 +0.9
LCO	Las Campanas	91.07	123	P	P	09 44 32.3 0.0
LCO	Las Campanas	91.07	123	P	P	09 44 32.3 0.0
YUK3	Moose Creek	91.09	16	P	P	09 44 32.3 +0.9
HYT	Haines Junctio	91.10	18	P	P	09 44 32.3 +1.0
229A	Bryant Ranch,	91.11	55	I	Amb	09 45 22.1
BRWY	Burwash Landin	91.13	17	P	P	09 44 32.6 +1.3
Q32M	Nakina River	91.21	21	I	Amb	09 45 28.1
Q32M	Nakina River	91.21	21	P	P	09 44 33.5 +1.6
YUK4	Talbot Arm	91.21	17	P	P	09 44 33.3 +1.4
P32M	Atlin	91.23	20	P	P	09 44 33.0 +1.2
M27K	Edge Creek, AK	91.24	15	P	P	09 44 33.1 +1.2
MENT	Menstata	91.31	14	P	P	09 44 31.7 -0.4
MENT	Menstata	91.31	14	I	Amb	09 45 04.7
PDAR	Pinedale Array	91.33	43	P	P	09 44 33.5 +0.5
PDAR	Pinedale Array			PKKPBc	PKKPBc	10 01 55.5 -0.2
PDAR	Pinedale Array			PKKPBc	PKKPBc	10 10 03.8 +0.4
PDAR	Pinedale Array			LR	LR	
PDAR	Pinedale Array			LR	LR	
FLWY	Flagg Ranch	91.36	41	I	Amb	09 45 18.3
H19K	Roundabout Mou	91.40	8	I	Amb	09 44 34.8
H19K	Roundabout Mou	91.40	8	P	P	09 44 33.3 +1.0
YHB	Horse Butte	91.44	40	I	Amb	09 45 07.8
O30N	Mendenhall	91.46	19	I	Amb	09 45 13.4
O30N	Mendenhall	91.46	19	P	P	09 44 34.1 +1.3
L26K	Log Cabin Wild	91.47	15	I	Amb	09 45 04.9
L26K	Log Cabin Wild	91.47	15	P	P	09 44 33.8 +1.0
G18K	Tagagawik	91.48	7	I	Amb	09 44 34.5
G18K	Tagagawik	91.48	7	P	P	09 44 33.3 +0.5

BVCY	Beaver Creek	91.53	16	P	P	09 44 34.1 +0.9
DLBC	Dease Lake	91.57	23	P	P	09 44 34.7 +1.3
H20K	Antonieneega Mo	91.58	9	P	P	09 44 34.5 +1.2
H17A	Grant Village	91.60	41	I	Amb	09 45 20.7
K24K	Donnelly Dome	91.62	13	P	P	09 44 34.3 +0.8
CFA	Coronel Fontan	91.64	126	LR	LR	10 15 33.2
XAN	Xian	91.64	307	P	P	09 44 34.5 +0.2
XAN	Xian			pP	pP	09 45 00.2 +0.1
XAN	Xian			SKS	SKS	09 54 56.8 -1.2
XAN	Xian			S	S	09 55 31.2 +2.2
XAN	Xian			S	S	09 56 11.6 +0.9
XAN	Xian			pmx	pmx	
XAN	Xian			LR	LR	
XAN	Xian			LR	LR	
XAN	Xian			LR	LR	
BOZ	Bozeman (W)	91.66	40	I	Amb	09 45 06.4
NEA2	Nenana	91.69	12	P	P	09 44 33.5 -0.2
WHY	Whitehorse	91.72	19	I	Amb	09 45 16.7
WHY	Whitehorse	91.72	19	P	P	09 44 35.1 +0.9
I21K	Tanana	91.73	10	P	P	09 44 34.6 +0.7
N30M	Aishikik Lake	91.73	18	I	Amb	09 45 13.7
N30M	Aishikik Lake	91.73	18	P	P	09 44 35.0 +0.9
F17K	Baldwin Pennin	91.74	6	P	P	09 44 35.1 +1.2
RIDG	Independent Ri	91.76	14	I	Amb	09 45 06.5
RIDG	Independent Ri	91.76	14	P	P	09 44 35.0 +0.8
MLY	Manley	91.80	11	I	Amb	09 45 05.5
MLY	Manley	91.80	11	P	P	09 44 34.0 -0.3
L27K	Beaver Creek	91.85	15	P	P	09 44 35.5 +0.9
POST	Post	91.86	54	I	Amb	09 44 39.5
BCAR	Beaver Creek A	91.87	15	P	P	09 44 35.0 +0.4
G19K	Purcell Mounta	91.91	8	I	Amb	09 44 35.0 +0.3
G19K	Purcell Mounta	91.91	8	P	P	09 45 07.0
XLT	XilinHaoTe	91.92	318	eP	eP	09 44 36.0 +0.6
XLT	XilinHaoTe			S	S	09 55 29.1 +0.5
XLT	XilinHaoTe			pmx	pmx	
HDA	Harding Lake	91.92	12	P	P	09 44 34.8 -0.1
HDA	Harding Lake	91.92	12	I	Amb	09 45 07.8
HDA	Harding Lake	91.92	12	P	P	09 44 35.1 +0.2
JCT	Junction City	91.93	57	I	Amb	09 45 24.8
ZEZ	Zeya	91.94	330	eP	eP	09 44 35.9 +0.8
ZEZ	Zeya			pmx	pmx	
ZEZ	Zeya			pmx	pmx	
CCB	Clear Creek Bu	91.97	12	I	Amb	09 45 06.6
R33M	Jennings River	91.98	22	I	Amb	09 45 31.4
R33M	Jennings River	91.98	22	P	P	09 44 36.7 +1.3
P33M	Teslin, Yukon	92.00	20	P	P	09 44 36.6 +1.2
H21K	Melozitna Rive	92.05	10	I	Amb	09 45 10.7
H21K	Melozitna Rive	92.05	10	P	P	09 44 35.8 +0.5
F18K	Selawik	92.05	7	P	P	09 44 35.7 +0.4
N31M	Braeburn, Yuko	92.12	18	I	Amb	09 45 21.4
N31M	Braeburn, Yuko	92.12	18	P	P	09 44 37.1 +1.2
I23K	Minto, Yukon-K	92.14	11	I	Amb	09 45 07.3
I23K	Minto, Yukon-K	92.14	11	P	P	09 44 35.8 0.0
SCRK	Sand Creek	92.16	14	I	Amb	09 45 09.7
SCRK	Sand Creek	92.16	14	P	P	09 44 36.6 +0.5
COLA	College	92.17	12	P	P	09 44 35.6 -0.3
COLA	College	92.17	12	P	P	09 44 35.8 -0.1
COLA	College	92.17	12	I	Amb	09 45 07.4
COLA	College	92.17	12	eP	eP	09 44 34.1 -1.8
COLA	College	92.17	12	P	P	09 44 36.2 +0.2
COLA	College	92.17	12	P	P	09 44 36.1 +0.2
M29M	Somme Creek	92.17	17	I	Amb	09 45 08.8
M29M	Somme Creek	92.17	17	P	P	09 44 37.0 +0.9
Q24A	Divide	92.17	48	I	Amb	09 45 11.9
IL31	Snyder 07	92.26	12	I	Amb	09 45 07.5
ILAR	Eielson Array	92.26	12	P	P	09 44 36.3 -0.1
ILAR	Eielson Array			PKKPBc	PKKPBc	10 01 53.3 -0.7
ILAR	Eielson Array			P	P	10 10 02.0 +2.3
ILAR	Eielson Array			P	P	09 44 35.4 -1.0
YNE	Yellowstone No	92.28	41	I	Amb	09 45 10.3
ISCO	Idaho Springs	92.29	47	P	P	09 44 39.0 +1.5
E17K	Hoiam Inlet	92.31	6	P	P	09 44 37.3 +0.8
KM12	Kunming	92.32	297	eP	eP	09 44 39.1 +1.2
KM12	Kunming			pmx	pmx	
SN07	Snyder 07	92.33	55	I	Amb	09 45 23.1
J25K	Salcha River	92.42	13	I	Amb	09 45 08.7
J25K	Salcha River	92.42	13	P	P	09 44 37.7 +0.5
F19K	Shalercukik Mo	92.49	7	P	P	09 44 38.1 +0.7
H22K	Ishlitalina Cre	92.49	10	I	Amb	09 45 12.4
H22K	Ishlitalina Cre	92.49	10	P	P	09 44 38.0 +0.6
TRQA	Torquist	92.54	134	P	P	09 44 35.9 +0.9
TRQA	Torquist	92.54	134	P	P	09 44 39.5 +0.9
DKNS	Dickens	92.57	54	I	Amb	09 45 13.9
RTBA	Rita Blanca	92.59	51	I	Amb	09 45 22.6
AMTX	Amarillo	92.59	53	P	P	09 44 39.5 +0.7
AMTX	Amarillo			I	Amb	09 45 24.7
CM31	Chiang Mai Arr	92.62	289	P	P	09 44 41.1 +1.9
CMAR	Chiang Mai Arr	92.62	289	P	P	09 44 40.5 +1.4

CMAR	Chiang Mai Arr	92.62	289	P	P	09 44 40.5 +1.9
CMAR	Chiang Mai Arr	92.62	289	P	P	09 44 39.4 +1.0
M30M	Minto, Yukon	92.72	17	P	P	09 44 39.1 +0.4
M30M	Minto, Yukon	92.72	17	I	Amb	09 45 11.1
M30M	Minto, Yukon	92.72	17	P	P	09 44 39.2 +0.6
H23K	Yukon River	92.73	11	P	P	09 44 38.4 -0.2
G21K	Allakaket	92.74	9	I	Amb	09 44 39.2 +0.6
G21K	Allakaket	92.74	9	I	Amb	09 45 13.7
G21K	Allakaket	92.74	9	P	P	09 44 39.3 +0.7
E18K	Tukpahleark C	92.75	6	I	Amb	09 44 40.8
E18K	Tukpahleark C	92.75	6	P	P	09 44 39.4 +0.8
CHTO	Chiang Mai	92.77	289	P	P	09 44 40.6 +0.8
CHTO	Chiang Mai	92.77	289	P	P	09 44 40.6 +0.8
CHTO	Chiang Mai	92.77	289	P	P	09 44 40.6 +0.8
CHTO	Chiang Mai	92.77	289	P	P	09 44 41.2 +1.4
CHTO	Chiang Mai	92.77	289	P	P	09 44 40.4 +0.6
CHTO	Chiang Mai	92.77	289	P	P	09 44 41.0 +1.

3d 9h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like I28M Miner Creek, M28M Sheldon Lake, D20K Etlivuk River, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like F30M Barrier River, F30M Barrier River, E28M Babbage River, etc.

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Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like NRIK Nori'sk, SNDB Serra Nova Dou, ITTB Itaituba, etc.

3d 10h

Table with columns: YKA, comp, Pcp, Pcp, Time, Res. Includes stations like Yellowknife Arr, Chiang Mai Arr, Summit, etc.

WEL 03 10:23:7.2-3.34 S:36°17'7E:2°3, h687km, 15km, ML3.6/6, Error ellipse: s-maj=47.6km s-min=29.9km

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like East Tamaki Re, Pakihoro, etc.

CNRM 03 10:23:47.6, 34°97N:3°22W, h12km, ML2.8

SFS 03 10:23:49.5, 35°05N:3°11W, h21km, ML2.7/19, ML2.9/19, ML2.9/13

INMG 03 10:23:49.0, 1.6, 35°02N:3°10W, h19km, 7km, ML2.1, Error ellipse: s-maj=10.2km s-min=4.8km az=117.0

IGIL 03 10:23:49.8, 34°98N:3°26W, h10km

MDD 03 10:23:51.0, 8, 35°24N:3°28W, h5km, 7km, mb_Lg2.4/11, Error ellipse: s-maj=7.1km s-min=4.3km az=137.0

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Main table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like Melilla, Palemas, Taforalt, etc.

SJA 03 10:29:47.6:0.7, 23°29S:68°54W, h124km, 5km, ML3.3, MW3.5

GUC 03 10:29:51.0:0.8, 23°26S:68°48W, h110km, 4km, ML3.4

IDC 03 10:29:52.4:1.3, 23°21S:68°36W, h126km, 36km, mb3.5/4, mbmp3.8/5, Error ellipse: s-maj=44.3km s-min=26.7km az=92.0

ISC 03 10:29:50.2:0.8, 23°32S:0°04:68.52W:0°04, h114km, 6km, MW3.5

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like San Pedro de A, IPOC Station P, etc.

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Table with columns: PBO7, PBO7, comp, N, eS, IAML, Sn, Time, Res. Includes stations like IPOC Station P, Diego Aracena, etc.

MDD 03 10:44:18.9:0.8, 36°95N:1°46E, h30km, mb_Lg2.8/21, Error ellipse: s-maj=6.7km s-min=3.2km az=146.0

CRAAG 03 10:44:21.6, 36°62N:1°65E, ML2.9, Algria 08km NW Damous

ISC 03 10:44:14.8:0.9, 37°05N:0°03:1°47E:0°04, h101km, m24, s162/42, 1D, Western Mediterranean Sea

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like Beni Haoua, Sidi Amar, etc.

SJA 03 10:49:50.6:0.7, 23°28S:68°55W, h112km, 3km, ML3.2, MW3.5

GUC 03 10:49:51.9:0.7, 23°27S:68°53W, h114km, 4km, ML3.2

ISC 03 10:49:51.4:1.6, 23°28S:0°04:68.56W:0°05, h114km, 11km, n22, s111/39, 1C-1D, Northern Chile

Table with columns: Code, Station Name, Az, Az, Phase ID, Time, Res. Includes stations like San Pedro de A, IPOC Station P, etc.

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

SCB 03 11:12:20.4-0.9, 21:21'S:67:36'W, h183km, ML3.4/3, Error ellipse: s-maj=13.6km s-min=13.3km az=1.0

GUC 03 11:12:22.5-0.6, 21:22'S:67:59'W, h203km, 7km, ML3.7

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MOCB, PB09, YJA, etc.

ASAR Alice Springs 130.86 206 PKP PKIKP 11 31 10.8 -0.3
MKAR Makanchi Array 144.51 37 PKP PKPdf 11 31 34.5 0.0
HEL 03 11:30:16.0:0.1, 63:98N:28:06E, h0km, ML1.8, Suspected explosion

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

KRSC 03 12:08:14.3:0.8, 56:18N:163:03E, h9km, 6km, ML3.8, Near east coast of Kamchatka Peninsula

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

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

IDC 03 12:19:43.7:1.3, 39:22N:143:09E, h0km, mb3.6/6, mbmp3.7/8, ML3.1/2, MS3.0/1, Error ellipse: s-maj=34.3km s-min=21.8km az=86.0

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

SNJT	Kaohsiung City	0.45	254	P	Pb	15 50 24.1	-0.3
ERH	Haiduan	0.46	54	P	Pg	15 50 23.6	+0.5
EHD				P	Sg	15 50 30.1	+1.0
EAST	Anshuo	0.49	175	P	Pb	15 50 24.6	-0.6
EAS				P	Sb	15 50 31.6	-1.1
FULB	Fuli	0.55	55	P	Pb	15 50 35.2	+0.2
FULB				P	Sb	15 50 35.2	+0.8
CHKT	Chengkung	0.56	67	S	Pb	15 50 34.7	+0.1
ALS	Alishan	0.63	0	eS	Pg	15 50 37.0	+0.1
TWF1	Yuli	0.66	44	P	Pb	15 50 27.2	+0.4
SLIU	Shizi	0.66	180	P	Pg	15 50 28.0	0.0
SLIU				P	Sg	15 50 36.0	+0.6
EYUL	Yuli	0.67	45	P	Pb	15 50 27.6	-0.5
YULB	Yu-li	0.68	41	eP	Pg	15 50 27.9	+0.4
EYH	Wanrong	0.79	39	eP	Pb	15 50 30.1	-0.2

TAP 03 15:50:32.0,23:13N,120:91E, h4km, ML1.5, C, Taiwan

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
ELDTW	Lidau	0.11	56	iP	Pg	15 50 35.0	+0.7
ELDTW				P	Sg	15 50 36.8	+0.9
STYH	Taoyuan	0.14	289	iP	Pg	15 50 35.4	+0.7
STYH				P	Sg	15 50 37.3	+0.9
EHD	Haiduan	0.27	85	P	Pb	15 50 38.1	+0.9
EHD				P	Sg	15 50 41.6	+0.9
SLGT	Liugui	0.28	242	P	Pg	15 50 38.4	+1.0
SLGT				P	Sg	15 50 41.4	+0.4
ECS	Chishang	0.28	96	P	Pb	15 50 43.1	-1.1
LONT	Longtian	0.30	138	P	Pg	15 50 38.0	+0.9
LONT				P	Sg	15 50 42.8	+1.3
WTP	Ta-pu	0.30	293	P	Pb	15 50 39.1	-0.9
WTP				P	Sg	15 50 44.1	-1.2
SGST	Jiashian	0.31	262	iP	Pg	15 50 38.2	+0.3
SGST				P	Sg	15 50 43.0	+1.1
TPUB	Ta-pu	0.31	304	P	Pb	15 50 39.3	-0.9
TPUB				P	Sg	15 50 44.1	-1.6
TWG	Pinlang	0.34	154	iP	Pg	15 50 39.5	+1.0
TWG				P	Sg	15 50 44.1	+1.2
TWGBT	Beinan	0.34	153	P	Pg	15 50 39.4	+0.8
TWGBT				P	Sg	15 50 44.1	+1.0
FULB	Fuli	0.36	78	P	Pb	15 50 40.2	-0.7
FULB				P	Sb	15 50 45.8	-1.1
CHN1	Nanshi	0.36	279	eP	Pb	15 50 40.5	-0.5
CHN1				eS	Pg	15 50 46.3	+0.8
ALS	Alishan	0.40	345	iP	Pb	15 50 40.3	+0.8
ALS				eS	Pg	15 50 46.3	+0.8
CHKT	Chengkung	0.42	94	eS	Pb	15 50 49.0	+0.4
CHKT				P	Sb	15 50 49.1	-0.1
TWK	Hsinying	0.42	290	P	Pb	15 50 48.9	+0.2
TWK				P	Sg	15 50 40.7	+0.6
TWF1	Yuli	0.42	57	P	Pg	15 50 45.7	+0.2
TWF1				P	Sg	15 50 51.7	+0.9
WCKO	Fanlu	0.42	318	eP	Pb	15 50 48.4	-0.5
WCKO				P	Sb	15 50 48.4	-0.5
TTN	Taitung	0.43	150	eP	Pg	15 50 40.8	+0.6
TTN				P	Sg	15 50 47.1	+1.3
EYUL	Yuli	0.43	59	P	Pg	15 50 40.8	+0.5
YULB	Yu-li	0.44	59	P	Pg	15 50 40.8	+0.5
YULB				P	Sg	15 50 46.2	+0.2
SSD	Sandimen	0.46	215	iP	Pg	15 50 41.2	+0.4
TSMG	Majia	0.49	211	P	Pg	15 50 41.6	+0.3
CHNS	Tsauling	0.52	335	eS	Pb	15 50 42.9	-0.8
CHNS				eS	Pg	15 50 50.2	-1.5
CHNS				eS	Pg	15 50 54.6	+0.7
EHL	Taimali	0.53	176	eS	Pb	15 50 42.6	+0.3
EYH	Wanrong	0.54	47	P	Pb	15 50 49.2	-0.2
EYH				P	Sg	15 50 49.2	-0.2
WHYT	Xinyi Township	0.57	354	eS	Pb	15 50 43.6	-1.0
WHYT				P	Sg	15 50 43.6	+0.6
WHYT	Xinyi Township	0.57	354	P	Pb	15 50 51.6	+1.2
WHYT				P	Sg	15 50 43.2	+0.2
MHSBT	Mashibuluo	0.57	207	P	Pb	15 50 56.5	+0.9
WVDT	WVDT	0.66	18	S	Sb	15 50 56.5	+0.9

PRU 03 15:50:58.7,46°05'N,17°04'E, h10km
 BEO 03 15:50:58.4,0.2,46°44'N,17°43'E, h0km, ML3.2/16
 RHSSO 03 15:50:59.2,0.7,46°36'N,17°21'E, h5km, ML3.8/8
 RRSZO 03 15:51:00.6,0.8,46°32'N,17°31'E, h8km, 7km, Error ellipse:
 s-maj=3.7km s-min=3.2km az=3.0
 PDG 03 15:51:00.3,0.5,46°31'N,17°20'E, h27km, ML3.3/12, Error
 ellipse: s-maj=0.7km s-min=0.9km az=0.0
 ISC 03 15:51:00.2,1.0,46°32'N,0.01,17°31'E,0.01,h11km,gkm,
 n189,σ1909/313,25C-6D,Hungary

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
A264A	Tarany	0.17	185	Pg	Pb	15 51 04.6	-0.6
A264A				Lg	Pg	15 51 07.8	0.0
A263A	Hollad	0.32	0	Pg	Pb	15 51 07.1	+0.5
A263A				Lg	Pg	15 51 12.4	0.0
A265A	Kaposfured	0.35	73	Pg	Pb	15 51 08.4	-0.1
A265A				Lg	Pg	15 51 14.3	0.0
BEHE	Becsehely	0.40	292	Pg	Pb	15 51 08.6	-0.6
BEHE				Lg	Pg	15 51 15.7	0.0
KOVH	Marcsa	0.54	139	Pg	Pb	15 51 17.7	+0.1
KOVH	Kovagototos	0.60	113	Pg	Pb	15 51 12.3	-0.4
KOVH				Lg	Pg	15 51 20.7	0.0
KALN	Kalnik	0.62	252	iP	Pg	15 51 12.1	-0.2
KALN				Sb	Pb	15 51 22.5	+0.6
A261A	Ohid	0.64	350	Lg	Pg	15 51 12.9	+0.3
A261A				Lg	Pg	15 51 22.1	0.0
A266A	Gyalaj	0.69	73	Pg	Pb	15 51 14.4	+0.1
A266A				Pb	Pb	15 51 25.2	-1.4
THG	Tihany	0.70	35	Pg	Pb	15 51 14.2	-0.3
KOGS	Kog	0.74	280	iP	Pg	15 51 14.8	-0.3
KOGS				iSg	Pg	15 51 24.0	+0.3
KOGS				IAML		15 51 29.9	0.0
KOGS	Kog	0.74	280	Pg	Pg	15 51 14.5	-0.1
KOGS				Lg	Pg	15 51 24.9	0.0
A262A	Szaknyer	0.76	315	Pn	Pb	15 51 16.3	-0.7
A262A				Pn	Pb	15 51 27.1	-1.4
MOSL	Moslavina	0.81	209	iP	Pg	15 51 15.5	-0.3
MOSL				Pg	Pg	15 51 27.8	+0.6
MPLH	Magyarpolny	0.86	10	Pn	Pb	15 51 16.7	-0.1
MPLH				Pn	Pb	15 51 30.8	-0.1
LOBO	Lobor	0.88	259	iP	Pg	15 51 16.3	-0.3
LOBO				Sb	Pb	15 51 29.4	+0.2
MORH	Mrgy, Hungar	0.93	96	Pg	Pg	15 51 18.1	0.0
PTJ	Puntijarka	1.02	246	iP	Pg	15 51 19.6	-0.2
PTJ				Pn	Pb	15 51 34.4	-0.6
PTJ				Pn	Pb	15 51 35.9	-0.3
PTJ				Lg	Pg	15 51 33.0	0.0
A260A	Vassurany	1.05	337	Pg	Pn	15 51 21.5	+0.7
A260A				Lg	Pg	15 51 36.2	0.0
ZAG	Zagreb	1.05	242	iP	Pg	15 51 20.7	-0.2
ZAG				Sg	Pb	15 51 35.5	-0.0
ZAG				Sg	Pb	15 51 40.6	-0.2
ZAG	Zagreb	1.05	242	Pn	Pb	15 51 34.3	-0.2
EGYH	Egyhazaskeszto	1.09	1	Pg	Pn	15 51 22.0	+0.5
EGYH				Lg	Pg	15 51 37.6	0.0
A272A	Bicske	1.22	69	Pn	Pb	15 51 22.0	-1.2
A272A				Pn	Pb	15 51 22.1	+0.8
A272A				Lg	Pg	15 51 41.0	0.0
CSKK	Cskako	1.23	32	Pg	Pb	15 51 23.5	+0.1
CSKK				Lg	Pg	15 51 41.3	0.0
GROS	Grobnik	1.26	277	iP	Pg	15 51 22.3	-1.6
GROS				iSg	Pg	15 51 38.5	-1.8
GROS	Grobnik	1.26	277	iP	Pg	15 51 22.1	-1.6
GROS				Sb	Pb	15 51 38.5	-1.8
DOBS	Dobrina	1.29	263	iP	Pg	15 51 22.5	-1.7
DOBS				iSg	Pg	15 51 42.5	+0.8
DOBS	Dobrina	1.29	263	iP	Pn	15 51 22.5	-1.7
DOBS				Lg	Pg	15 51 42.5	+0.8
A271A	Invanca	1.34	51	Pn	Pb	15 51 24.1	-0.7
A271A				Pg	Pg	15 51 26.9	+1.1
A271A				Lg	Pg	15 51 45.8	0.0
CRES	Cresnjevec Ost	1.38	250	Pn	Pb	15 51 24.0	-1.5
A003A	Andau	1.45	353	Pg	Pn	15 51 28.6	+0.7
SOP	Sopron	1.45	340	Pg	Pn	15 51 28.4	+0.3
SOP				Lg	Pg	15 51 28.1	0.0
OZLJ	Ozalj	1.47	242	eP	Pn	15 51 26.1	-0.5
OZLJ				Pn	Pb	15 51 47.6	+0.2
A339A	Balon	1.52	9	Sg	Pg	15 51 30.0	+0.6
A339A				Lg	Pg	15 51 52.8	0.0
ARSA	Arzberg	1.54	308	eP	Pn	15 51 26.8	-0.8
ARSA				Pn	Pb	15 51 26.8	-0.8
ARSA				Lg	Pg	15 51 49.8	0.0
ARSA				eLg	Pg	15 51 49.8	0.0

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
ARSA	Arzberg	1.54	308	eP	Pn	15 51 26.7	-0.9
ARSA				eS	Pn	15 51 49.0	-0.7
ARSA				eS	Pn	15 51 26.8	-0.8
ARSA	Arzberg	1.54	308	eP	Pn	15 51 49.8	+0.2
ARSA				eS	Pn	15 51 49.8	+0.2
RONA	Rosalia, Austr	1.54	334	eP	Pn	15 51 27.2	-0.5
RONA				eS	Pn	15 51 46.5	-1.2
RONA	Rosalia, Austr	1.54	334	eP	Pn	15 51 27.2	-0.5
RONA				eS	Pn	15 51 46.5	-1.2
PERS	Pernice	1.55	282	iP	Pg	15 51 26.3	-1.4
PERS				iSg	Pg	15 51 45.8	-2.2
PERS				IAML		15 51 46.1	0.0
BLY	Banja Luka	1.58	183	iP	Pg	15 51 30.7	+0.3
BLY	Banja Luka	1.58	183	Pn	Pb	15 51 27.5	-0.6
BLY				Lg	Pg	15 51 30.7	+0.3
BLY				Lg	Pg	15 51 51.7	0.0
BLY	Banja Luka	1.58	183	eP	Pn	15 51 27.5	-0.6
BLY				eS	Pn	15 51 47.5	+0.1
BLY	Banja Luka	1.58	183	iP	Pn	15 51 27.5	-0.6
BLY				Sb	Pb	15 51 49.9	+0.6
SOKA	Soboth	1.61	283	eP	Pn	15 51 27.3	-1.5
SOKA				eLg	Lg	15 51 51.4	0.0
SOKA				eLg	Lg	15 51 27.3	-1.5
SOKA				eS	Pn	15 51 51.4	-0.6
SUBS	Subotica	1.64	97	eS	Pn	15 51 49.0	-1.0
SRO	Srobarova	1.64	24	Pg	Pg	15 51 32.3	+0.7
SRO	Srobarova	1.64	24	eP	Pg	15 51 32.7	+1.1
BOJ	Bojanci	1.66	241	eP	Pn	15 51 33.6	+0.2
BOJ				eS	Pn	15 51 33.6	+0.2
DOB	Dojboj	1.69	161	eP	Pn	15 51 29.8	+0.2
DOB				Sb	Pb	15 51 52.9	+0.5
A338A	Semerovo	1.83	22	Pg	Pb	15 51 36	

Table with columns: FETA, comp=Z, 0.5nm, 0.3s, i Sn, Sn, 15 53 04.4 +1.4

Table with columns: LEM, Lembang, 9.21 271 P, P, 15 56 17.7 +0.5

Table with columns: PPI, Padang Panjang, 17.71 291 P, P, 15 57 34.5 -1.0

BUI 03 15:54:03.0, 7.00S; 116.90E, h650km, mbs, 5/41, mb, 5.9/52

GCMT 03 15:54:03.0, 6.02, 6.99S; 0.02, 116.77E; 0.02, h654km, 1km, MW5, 8/128

NEIC 03 15:54:04.2, 0.9, 6.96S; 116.91E, h642km

MOS 03 15:54:04.2, 0.9, 6.96S; 116.90E, h660km, mb, 6/83

DJA 03 15:54:04.2, 0.1, 7.1S; 116.91E, h649km, 1km, M5, 6/217

NEIC 03 15:54:04.8, 7.00S; 116.91E, h641km

NEIC 03 15:54:05.2, 7.21S; 116.91E, h640km, Moment Tensor Solution

ISC 03 15:54:05.0, 4.0, 3.69S; 116.99E, h656km, mb, 5/437

Code Station Name A Z Phase ID Time Res

Table with columns: LEM, Lembang, 9.21 271 P, P, 15 56 17.7 +0.5

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Table with columns: PPI, Padang Panjang, 17.71 291 P, P, 15 57 34.5 -1.0

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Table with columns: PPI, Padang Panjang, 17.71 291 P, P, 15 57 34.5 -1.0

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Table with columns: PPI, Padang Panjang, 17.71 291 P, P, 15 57 34.5 -1.0

Table with columns: PPI, Padang Panjang, 17.71 291 P, P, 15 57 34.5 -1.0

Table with columns: PPI, Padang Panjang, 17.71 291 P, P, 15 57 34.5 -1.0

Table with columns: PPI, Padang Panjang, 17.71 291 P, P, 15 57 34.5 -1.0

SKT	Skwentna	96.92	28	Pdiff	P	16 06 26.9	-0.6
CNPM	China Poot	96.98	31	IAmb	IAMB	16 06 28.7	
E22K	Anaktuvuk Pass	96.98	22	IAMB	IAMB	16 06 31.2	
E22K	Anaktuvuk Pass	96.98	22	Pdiff	P	16 06 29.0	+1.3
ARAO	ARCES Array S	97.05	339	eP	Pdiff	16 06 27.6	-0.3
ARCES	ARCES Array B	97.05	339	eP	Pdiff	16 06 27.6	-0.3
ARCES	comp-Z, 18nm, 1.0s, baz=79, slow=6.0, SNR=133					16 08 45.1	-2.9
ARCES	comp-Z, 4.0nm, 0.6s, baz=81, slow=6.0, SNR=8.7					16 11 00.8	+1.7
ARCES	comp-Z, 2.9nm, 0.7s, baz=106, slow=18, SNR=4.3					16 16 00.6	-2.2
ARCES	ARCES Array B	97.05	339	P	Pdiff	16 06 27.5	-0.4
G22K	Bettles	97.07	23	Pdiff	P	16 06 28.8	+0.8
MPEP	Mato Peshstene	97.09	313	IAMB	IAMB	16 06 28.4	-0.4
H22K	Ishlaltina Cre	97.10	24	Pdiff	P	16 06 29.6	+1.4
BRSE	Bradley Lake S	97.24	31	Pdiff	Pdiff	16 06 28.9	-0.1
HOPEN	Hopen	97.26	346	eP	Pdiff	16 06 28.3	-0.4
PLNA	Plana	97.27	312	eP	Pdiff	16 06 29.2	-0.5
L22K	Petersville	97.29	28	Pdiff	Pdiff	16 06 28.9	-0.3
VALD	Vald	97.32	313	IAMB	IAMB	16 06 29.2	-0.5
CJR	Cluj-Napoca	97.35	316	P	Pdiff	16 06 29.7	+0.3
MLY	Malchey	97.35	25	IAMB	IAMB	16 06 31.4	
MLY	comp-Z, 48nm, 1.0s					16 06 30.3	+0.9
MLY	Manley	97.35	25	Pdiff	P	16 06 29.9	-0.2
BLSH	Balsha	97.40	312	IAMB	IAMB	16 06 31.1	+1.6
D23K	Nanushuk River	97.41	21	Pdiff	P	16 06 29.7	-0.7
V22K	Vitusha	97.42	312	IAMB	IAMB	16 06 31.0	+1.3
C23K	Iktilik River	97.44	20	Pdiff	Pdiff	16 06 29.9	-0.9
KKK	Krupnik	97.46	311	IAMB	IAMB	16 06 29.4	-0.8
SLKM	Skliak Lake	97.52	30	Pdiff	Pdiff	16 06 30.4	0.0
TRF	Thorfare Moun	97.53	27	Pdiff	Pdiff	16 06 30.1	-0.3
M22K	Willow	97.58	29	Pdiff	Pdiff	16 06 32.1	+1.4
G23K	Bananza Creek	97.66	24	Pdiff	P	16 06 31.4	0.0
MARR	Marisel-Cluj	97.67	316	eP	Pdiff	16 06 30.5	-0.2
HAMF	Hammerfest	97.68	340	eP	Pdiff	16 06 31.2	0.0
RC01	Rabbit Creek A	97.76	29	Pdiff	Pdiff	16 06 31.3	+0.1
O22K	Copper Landing	97.76	30	Pdiff	P	16 06 32.9	+1.4
E23K	Chandler	97.81	22	Pdiff	P	16 06 32.8	+1.3
TOLK	Toolik Lake Re	97.82	22	Pdiff	P	16 06 32.5	0.0
SUW	Suwali	97.85	324	eP	Pdiff	16 06 31.0	-0.5
H23K	Yukon River	97.86	25	Pdiff	P	16 06 32.0	+0.2
VAY	Valendovo	97.86	311	IAMB	IAMB	16 06 31.8	-0.4
KT1K	Kautokino	97.86	339	eP	Pdiff	16 06 32.0	+0.2
BLBK	Belogradchik	97.87	313	IAMB	IAMB	16 06 32.6	+0.1
SEW	Seward	97.89	30	Pdiff	P	16 06 32.6	+0.1
I23K	Minto, Yukon-K	97.94	25	Pdiff	P	16 06 32.5	0.0
DRGR	Happy Valley	97.96	316	IAMB	IAMB	16 06 32.5	0.0
DRGR	Franklin Bluff	97.96	316	IAMB	IAMB	16 06 32.5	0.0
KWP	Kalwaria Pacia	98.04	319	eP	P	16 06 33.1	+0.3
KWP	Kalwaria Pacia	98.04	319	eP	P	16 06 32.9	+0.1
PMR	Palmer	98.06	29	Pdiff	P	16 06 32.6	+0.1
NEA2	Nenana	98.06	26	Pdiff	P	16 06 32.6	+0.1
D24K	Happy Valley	98.08	21	Pdiff	P	16 06 33.8	+1.3
C24K	Franklin Bluff	98.11	21	Pdiff	IAMB	16 06 33.0	+0.4
C24K	comp-Z, 28nm, 0.8s					16 06 34.8	
C24K	Franklin Bluff	98.11	21	Pdiff	P	16 06 34.0	+1.4
MCK	McKinley	98.13	27	Pdiff	P	16 06 32.9	0.0
E24K	Your Creek	98.23	22	Pdiff	P	16 06 34.4	+1.1
WAT1	Susitna Watana	98.32	28	Pdiff	Pdiff	16 06 33.7	0.0
KNK	Knik Glacier	98.38	29	Pdiff	P	16 06 34.7	+0.6
SML	Sawmill	98.44	29	Pdiff	P	16 06 34.8	+0.5
F24K	Squaw Lake	98.48	23	Pdiff	P	16 06 35.9	+1.5
H24K	Noodor Dome	98.54	24	Pdiff	P	16 06 36.0	+1.3
COLA	College	98.58	25	eP	Pdiff	16 06 34.5	-0.3
COLA	comp-Z, 8.0nm, 0.8s					16 06 36.5	+1.3
G24K	Hadweenciz Riv	98.67	24	Pdiff	P	16 06 35.3	-0.4
BZS	Buzias	98.69	315	IAMB	IAMB	16 06 35.2	-0.5
BZS	Buzias	98.69	315	IAMB	IAMB	16 06 36.1	+0.5
WAT0	Susitna Watana	98.70	28	Pdiff	P	16 06 36.0	+0.4
M23K	Glacier View	98.72	29	Pdiff	P	16 06 35.8	-0.1
JETT	Jettan Norway	98.84	339	eP	Pdiff	16 06 36.8	+0.5
DHY	Denali Highway	98.85	27	Pdiff	P	16 06 37.2	+0.6
SCM	Sheep Creek Mo	98.91	29	Pdiff	P	16 06 37.1	+0.6
P23K	Montague Island	98.92	30	Pdiff	P	16 06 37.3	+0.8
D25K	Kavik River	98.94	21	Pdiff	P	16 06 36.1	-0.5
HDA	Harding Lake	98.99	26	Pdiff	Pdiff	16 06 37.0	0.0
STHS	Stebnicka Huta	98.99	319	IAMB	IAMB	16 06 36.5	-1.0
STHS	Stebnicka Huta	98.99	319	IAMB	IAMB	16 06 36.5	-1.0
ILAR	Eielson Array	99.00	26	P	Pdiff	16 10 00.3	0.0
ILAR	comp-Z, 1.8nm, 0.9s, baz=260, slow=7.0, SNR=8.7					16 10 41.6	-8.5
ILAR	comp-Z, 3.5nm, 0.8s, baz=292, slow=8.6, SNR=6.1					16 11 02.5	-0.2
ILAR	comp-Z, 2.7nm, 0.6s, baz=298, slow=4.0, SNR=11.1					16 16 09.7	-2.9
ILAR	comp-Z, 1.7nm, 0.8s, baz=181, slow=13, SNR=8.1					16 22 53.0	-9.4
ILAR	comp-Z, 1.8nm, 0.6s, baz=21, slow=2.1, SNR=14.4					16 25 37.6	-5.1
ILAR	comp-Z, 1.1nm, 0.9s, baz=124, slow=1.6, SNR=4.5					16 06 35.4	-1.3
ILAR	comp-Z, 6.3nm, 0.6s					16 06 36.3	-0.2
ILAR	comp-Z, 1.32nm, 0.6s, baz=96, slow=8.5, SNR=25.4					16 11 02.6	+0.1
GLI	Glacier Island	99.05	30	IAMB	IAMB	16 06 37.1	+0.1
GLI	comp-Z, 4.0nm, 0.8s					16 06 37.5	+0.5
OHR	Ohrid	99.18	310	IAMB	IAMB	16 06 36.3	-1.8
G25K	Bearman Lake	99.21	24	Pdiff	Pdiff	16 06 39.7	+1.7
E25K	Arctic Village	99.32	22	Pdiff	Pdiff	16 06 39.9	+1.7
F25K	Christian River	99.33	23	Pdiff	Pdiff	16 06 37.6	-0.5
TRO	Tromso	99.35	339	eP	Pdiff	16 06 37.3	-0.9
HSPB	Hornsund broas	99.39	347	eP	Pdiff	16 06 40.1	+1.8
C26K	Camden Bay	99.41	20	Pdiff	Pdiff	16 06 40.2	+1.4
M24K	Tolsona, Glenn	99.44	28	Pdiff	Pdiff	16 06 39.0	+0.1
Q23K	Middleton Isla	99.48	31	Pdiff	Pdiff	16 06 38.9	-0.3

PRP	Porcupine Dome	99.53	25	Pdiff	Pdiff	16 06 38.9	-0.3
K24K	Donnelly Dome	99.53	27	Pdiff	Pdiff	16 06 39.4	+0.2
KLU	Klutina	99.59	29	Pdiff	Pdiff	16 06 40.2	+0.7
NIE	Niedzica	99.61	319	eP	Pdiff	16 06 40.5	+0.9
J25K	Salcha River	99.66	26	Pdiff	Pdiff	16 06 39.5	-0.2
PAX	baz=274	99.72	27	Pdiff	Pdiff	16 06 40.9	+0.8
EYAK	Cordova Ski Ar	99.73	30	Pdiff	Pdiff	16 06 41.1	+1.0
KBS	Kingsbay	99.75	349	eP	Pdiff	16 06 39.2	-0.5
KBS	Kingsbay	99.75	349	eP	Pdiff	16 06 38.6	-1.1
KBS	comp-Z, 2.7nm, 0.9s					16 06 39.0	-0.7
KBS	Kingsbay	99.75	349	eP	Pdiff	16 06 41.2	+0.8
C27K	Jago River	99.85	21	Pdiff	IAMB	16 06 43.3	
C27K	Jago River	99.85	21	Pdiff	Pdiff	16 06 42.2	+1.8
PSZ	Piszkesteto	99.89	317	P	Pdiff	16 06 40.8	-0.3
H26K	Sheenjek River	99.90	23	Pdiff	Pdiff	16 06 42.3	+1.6
FARK	Klutina	99.90	28	Pdiff	Pdiff	16 06 42.0	+1.2
OJC	Ojcow	99.92	320	eP	Pdiff	16 06 41.1	0.0
RIDG	Independent Ri	99.95	27	Pdiff	Pdiff	16 06 41.7	+0.7
M29K	Porcupine Riv	100.11	23	Pdiff	Pdiff	16 06 43.3	+1.8
LANS	Liptovska Anna	100.16	319	IAMB	IAMB	16 06 43.5	+1.3
LANS	Liptovska Anna	100.16	319	IAMB	IAMB	16 11 00.8	
LANS	Liptovska Anna	100.16	319	IAMB	IAMB	16 11 00.7	+1.3
N25K	Chitina, Valde	100.22	29	Pdiff	Pdiff	16 06 43.6	+1.3
BMRM	Bremner River	100.26	29	Pdiff	Pdiff	16 06 43.3	+0.8
SCRK	Sand Creek	100.31	26	Pdiff	Pdiff	16 06 43.5	+0.8
KAIM	Kayak Island	100.43	30	Pdiff	Pdiff	16 06 44.0	+0.9
I26K	Coal Creek Min	100.54	25	Pdiff	Pdiff	16 06 44.3	+0.8
VYHS	Vyhne	100.59	318	ePDIFF	Pdiff	16 06 45.4	+0.4
L26K	Log Cabin Wild	100.68	27	Pdiff	Pdiff	16 06 45.4	+1.2
E27K	Coleen River	100.79	22	Pdiff	Pdiff	16 06 46.1	+1.5
D27M	Malcolm River	100.86	21	Pdiff	Pdiff	16 06 46.3	+1.3
STEI	Steigen	100.88	338	eP	Pdiff	16 06 44.5	-0.5
M26K	Nabesna, AK	100.91	28	Pdiff	Pdiff	16 06 46.4	+1.1
FAUS	Fauske	100.94	337	eP	Pdiff	16 06 44.7	+0.7
SRO	Srobarova	100.95	317	eP	Pdiff	16 06 45.8	+0.1
SRO	Srobarova	100.95	317	ePDIFF	Pdiff	16 06 45.8	+0.1
SRO	Srobarova	100.95	317	ePDIFF	Pdiff	16 11 02.9	-3.8
G27K	Doyon Strip	100.96	23	Pdiff	Pdiff	16 06 47.0	+1.6
BGLC	Bering Glacier	100.98	30	Pdiff	Pdiff	16 06 46.9	+1.4
MCARA	McCarthy VSAT	100.99	29	Pdiff	Pdiff	16 06 47.0	+1.4
CRQE	Cirque	101.02	30	Pdiff	Pdiff	16 06 47.0	+1.1
H27K	Steamboat Moun	101.09	24	Pdiff	Pdiff	16 06 47.8	+1.7
I27K	Kandik River	101.14	25	Pdiff	Pdiff	16 06 48.0	+1.7
STEB	Steborice	101.24	319	ePDIFF	Pdiff	16 06 47.7	+0.7
JAVC	Velka Javorina	101.35	318	ePDIFF	Pdiff	16 06 47.2	-0.4
L27K	Beaver Creek	101.37	27	Pdiff	Pdiff	16 13 07.8	
MORC	Moravsky Berou	101.39	319	P	Pdiff	16 06 49.1	+1.8
MORC	Moravsky Berou	101.39	319	P	Pdiff	16 06 48.2	+0.5
MORC	comp-Z, 17nm, 1.0s					16 06 47.4	-0.3
MORC	Moravsky Berou	101.39	319	ePDIFF	Pdiff	16 11 06.7	-1.8
MORC	Moravsky Berou	101.39	319	ePDIFF	Pdiff	16 13 08.0	
MORC	Moravsky Berou	101.39	319	ePDIFF	Pdiff	16 16 26.3	+1.5
M27K	Edge Creek, AK	101.43	28	Pdiff	Pdiff	16 06 49.1	+1.4
MOR8	Mor Riba	101.45	336	eP	Pdiff	16 06 46.4	-1.2
E28K	Babbage River	101.48	21	Pdiff	Pdiff	16 06 49.1	+1.4
LOF	Lofoten	101.48	338	eP	Pdiff	16 06 46.8	-0.8
F28M	Old Crow	101.53	22	Pdiff	Pdiff	16 06 49.1	+1.2
RAUS	Rausandaksla	101.57	336	eP	Pdiff	16 06 47.7	+0.7
MODS	Modra-Piesok	101.63	318	IAMB	IAMB	16 06 47.2	-0.4
MODS	Modra-Piesok	101.63	318	IAMB	IAMB	16 13 07.8	
MODS	Modra-Piesok	101.63	318	IAMB	IAMB	16 06 49.1	+0.3
MODS	Modra-Piesok	101.63	318	IAMB	IAMB	16 11 07.8	-0.2
M28M	Stokes Point	101.63	21	Pdiff	Pdiff	16 06 49.8	+1.6
MESA	MESA	101.64	30	Pdiff	Pdiff	16 06 49.7	+0.9
VAGH	Vaagholmen	101.83	337	eP	Pdiff	16 06 48.5	-0.7
I28M	Miner Creek	101.85	25	Pdiff	Pdiff	16 06 50.5	+1.0
I28M	Miner Creek	101.85	25	Pdiff	Pdiff	16 06 51.0	+1.5
KRALY	Kraliky	101.87	320	eP	Pdiff	16 06 50.7	+0.9
KRALY	Kraliky	101.87	320	ePDIFF	Pdiff	16 06 50.7	+0.9
BVCY	Blow River	101.89	28	Pdiff	Pdiff	16 06 51	

H31M	Peel River	104.05	24	Pdiff	Pdif	16 06 00.0 +0.8
STRU	Stromstad	104.09	329	i P	Pdif	16 06 59.4 0.0
BIOA	Bad Ischl, Aus	104.11	317	ePDiff	Pdif	16 06 59.2 -0.7
BIOA	comp=Z,4.3nm,0.8s			iPKIKP	PKIKP	16 11 13.9 +1.4
BIOA	comp=Z,9.9nm,0.7s			ePP	PP	16 11 27.3 -0.9
P30M	Million Dollar	104.12	30	Pdiff	Pdif	16 07 00.6 +1.0
CLL	Collim	104.16	321	i P	Pdif	16 06 59.2 -0.7
CLL	comp=Z,11nm,1.3s			ipmax	ppmax	
CLL	Collim	104.16	321	i Pdiff	Pdif	16 06 59.2 -0.7
CLL	comp=Z,11nm,1.3s			ix	x	16 10 13.2
CLL	comp=Z,29nm,1.1s			iPKIKP	PKIKP	16 11 12.8 +0.3
CLL	comp=Z,29nm,1.1s			PP	PP	16 11 23.0 -5.4
CLL	comp=Z,29nm,1.1s			ePP	ePP	16 13 24.0
CLL	comp=Z,29nm,1.1s			eSS	SS	16 14 32.0
CLL	comp=Z,29nm,1.1s			eSSS	SSS	16 25 24.0 -6.8
CLL	comp=Z,29nm,1.1s			eSSSS	SSSS	16 29 42.0
CLL	comp=Z,29nm,1.1s			AMS	AMS	16 33 36.0
CLL	comp=Z,29nm,1.1s			AMS	AMS	17 23 00.0
MYKA	Terra Mystica	104.20	316	i Pdiff	Pdif	16 07 00.3 0.0
MYKA	comp=Z,3.6nm,1.0s			ePP	PP	16 11 27.5 -1.5
MYKA	comp=Z,2.5nm,0.7s			eSKS	SKS	16 16 39.7 +1.9
KBA	comp=Z,6.3nm,1.0s			iPKIKP	PKIKP	16 07 00.1 -1.0
KBA	comp=Z,4.9nm,0.9s			ePP	PP	16 11 13.4 +0.2
KBA	comp=Z,6.7nm,0.8s			ePP	PP	16 11 29.2 -1.1
KBA	comp=Z,3.2nm,1.0s			eSKS	SKS	16 16 38.2 -0.6
O30N	Mendenhall	104.41	29	Pdiff	Pdif	16 07 02.2 +1.3
N31M	Braeburn, Yuko	104.42	28	Pdiff	Pdif	16 07 02.4 +1.5
PLBC	Pleasant Camp	104.54	30	Pdiff	Pdif	16 07 02.5 +1.1
TANN	Tannenbergs	104.60	320	ePdiff	Pdif	16 07 02.1 +0.4
AQU	L'Aquila	104.69	312	PP	PP	16 11 27.6 -5.1
KONO	Kongsberg	104.78	330	eP	Pdif	16 07 02.6 +0.1
LESA	Schwarzsteal	104.78	317	i Pdiff	Pdif	16 07 02.2 -0.7
LESA	comp=Z,8.4nm,0.8s,SNR=7.6			ePKIKP	PKIKP	16 11 14.6 +0.7
LESA	comp=Z,7.7nm,0.7s			iPP	PP	16 11 31.7 -1.5
LESA	comp=Z,6.5nm,0.9s,SNR=6.3			iPP	PP	16 11 31.7 -1.5
ROTZ	Rotzenmühle	104.84	320	ePdiff	Pdif	16 07 03.4 +0.4
MANZ	Manzenberg	104.88	320	ePdiff	Pdif	16 07 03.7 +0.5
S31K	Pelican	104.89	32	Pdiff	Pdif	16 07 04.1 +1.1
M31M	Drury Creek, Y	104.90	27	Pdiff	Pdif	16 07 04.2 +1.2
ABTA	Abfattersbach	104.96	316	i Pdiff	Pdif	16 07 03.0 -0.8
ABTA	comp=Z,9.4nm,1.2s			iPKIKP	PKIKP	16 11 14.4 +0.2
ABTA	comp=Z,15nm,0.6s			ePP	PP	16 11 29.2 +0.3
ABTA	comp=Z,38nm,1.1s			eSKS	SKS	16 16 39.3 -1.4
WHY	Whitehorse	105.02	29	Pdiff	Pdif	16 07 04.9 +1.2
SKAG	Skagway	105.05	30	PKIKP	PKIKP	16 11 15.6 +1.7
A36M	Sachs Harbour	105.09	17	PKIKP	PKIKP	16 11 15.7 +2.1
MOL	Molde	105.10	333	eP	Pdif	16 07 04.3 +0.5
SKAR	Karslia	105.13	341	eP	Pdif	16 07 05.0 +0.7
AKN	Aaknes	105.14	333	eP	Pdif	16 07 06.1 +0.7
WTTA	Wattenberg	105.50	317	i Pdiff	Pdif	16 07 05.8 -0.4
WTTA	comp=Z,19nm,1.2s,SNR=7.0			iPKIKP	PKIKP	16 11 15.9 +0.5
WTTA	comp=Z,4.9nm,0.6s,SNR=17			iPP	PP	16 11 36.1 -2.4
WTTA	comp=Z,112nm,1.4s			iPKIKP	PKIKP	16 13 37.0 -7.7
WTTA	comp=Z,20nm,1.3s			eSKS	SKS	16 16 43.3 -0.6
WTTA	comp=Z,6.6nm,0.8s			eSKS	SKS	16 16 43.3 -0.6
WTTA	comp=Z,8.5nm,0.9s			iPKIKP	PKIKP	16 07 05.9 -0.5
WTTA	comp=Z,12nm,0.5s,SNR=5.6			iPP	PP	16 11 36.0 -2.7
WTTA	comp=Z,98nm,1.4s			iPKIKP	PKIKP	16 13 37.0 -7.7
WTTA	comp=Z,9.5nm,1.0s			eSKS	SKS	16 16 43.4 -0.5
SIT	Sitka	105.54	33	PKIKP	PKIKP	16 11 16.2 +1.4
R32K	Eaglecrest	105.71	31	PKIKP	PKIKP	16 11 16.4 +1.3
CLZ	Clausthal	105.72	322	ePdiff	Pdif	16 07 07.4 +0.5
SQTA	Sankt Quirin	105.80	317	i Pdiff	Pdif	16 07 07.1 -0.4
SQTA	comp=Z,8.8nm,0.7s			ePKIKP	PKIKP	16 11 16.0 +0.2
SQTA	comp=Z,9.5nm,0.9s			iPP	PP	16 11 37.9 -2.7
SQTA	comp=Z,123nm,1.6s,SNR=7.8			ePKIKP	PKIKP	16 13 39.3 -5.9
SQTA	comp=Z,15nm,1.5s			eSKS	SKS	16 16 44.4 -0.6
P32M	Atlin	105.83	30	PKIKP	PKIKP	16 11 16.6 +1.2
S32K	Kilnisnoo	105.85	32	PKIKP	PKIKP	16 11 16.7 +1.3
MOTA	Moosalm	105.85	317	i Pdiff	Pdif	16 07 07.4 -0.4
MOTA	comp=Z,15nm,1.0s,SNR=7.4			ePKIKP	PKIKP	16 11 15.3 -0.7
MOTA	comp=Z,4.3nm,0.6s			iPP	PP	16 11 38.1 -2.9
MOTA	comp=Z,90nm,1.0s,SNR=5.7			ePKIKP	PKIKP	16 13 42.5 -2.8
MOTA	comp=Z,11nm,1.2s			eSKS	SKS	16 16 45.3 -0.1
RETA	Reutte	106.07	317	ePdiff	Pdif	16 07 08.7 +0.1
RETA	comp=Z,12nm,1.2s			iPKIKP	PKIKP	16 11 16.6 +0.3
RETA	comp=Z,11nm,0.7s			iPP	PP	16 11 40.3 -2.1
RETA	comp=Z,84nm,1.3s,SNR=8.0			iPKIKP	PKIKP	16 13 41.6 -4.0
RETA	comp=Z,5.7nm,0.9s			eSKS	SKS	16 16 48.0 +1.9
P33M	Feichten	106.15	317	i Pdiff	Pdif	16 07 09.3 +0.2
FETA	Feichten	106.15	317	i Pdiff	Pdif	16 07 09.3 +0.2
FETA	comp=Z,11nm,1.0s,SNR=5.7			ePKIKP	PKIKP	16 11 17.0 +0.5
FETA	comp=Z,12nm,0.7s			iPP	PP	16 11 40.3 -2.1
FETA	comp=Z,127nm,1.3s,SNR=7.7			ePKIKP	PKIKP	16 13 41.6 -4.3
FETA	comp=Z,10nm,1.1s			eSKS	SKS	16 16 46.5 -0.1
MMPY	Sheldon Lake	106.20	27	Pdif	Pdif	16 07 09.4 +0.6
MMPY	Sheldon Lake	106.20	27	PKIKP	PKIKP	16 11 17.4 +1.4
DAG	Danmarks Havn	106.38	350	i P	Iamb	16 07 08.0 -1.3
DAG	comp=Z,12nm,0.7s			Iamb	Iamb	16 07 09.5
B35S	Blasjo	106.39	330	eP	Pdif	16 07 10.4 +0.7
CLSM	Paulatuk	106.56	19	PKIKP	PKIKP	16 11 18.2 +1.8
DAVA	Damuels	106.59	317	i Pdiff	Pdif	16 07 11.3 -0.1
DAVA	comp=Z,15nm,1.0s			iPKIKP	PKIKP	16 11 18.2 +0.7

DAVA	comp=Z,193nm,1.4s,SNR=8.7			iPP	PP	16 11 44.8 -2.2
DAVA	comp=Z,22nm,1.1s			iPKIKP	PKIKP	16 13 41.9 -4.9
DAVA	comp=Z,6.3nm,1.6s			eSKS	SKS	16 16 49.5 +0.5
Q32M	Nakina River	106.70	30	PKIKP	PKIKP	16 11 18.5 +1.3
T33K	Petersburg	106.86	33	PKIKP	PKIKP	16 11 18.4 +1.2
U33K	White Pass	106.93	33	PKIKP	PKIKP	16 11 18.8 +1.4
KASTN	Kahler Asten	107.03	321	ePdiff	Pdif	16 07 12.8 +0.1
KASTN	comp=Z,8s,slow=4.4			ePdiff	Pdif	
CRAG	Craig	107.07	34	PKIKP	PKIKP	16 11 19.1 +1.4
TNS	Tauinus Mts	107.18	320	ePdiff	Pdif	16 07 13.9 +0.5
R33M	Jennings River	107.23	30	PKIKP	PKIKP	16 11 19.1 +1.0
WRAK	Wrangell Islan	107.28	33	PKIKP	PKIKP	16 11 19.2 +1.2
S34M	Telegraph Cree	107.55	31	PKIKP	PKIKP	16 11 20.1 +1.5
BFO	Black Forest	107.57	318	ePdiff	Pdif	16 07 14.7 -0.5
BTN	Hyland Airport	107.87	27	PKIKP	PKIKP	16 11 20.8 +1.6
V35K	Ketchikan	107.94	34	PKIKP	PKIKP	16 11 20.7 +1.4
DLBC	Dease Lake	107.97	31	PKIKP	PKIKP	16 11 20.2 +0.8
DLBC	comp=Z,5.0nm,0.6s,baz=328,slow=4.5,SNR=8.9			SKP	SKP	16 13 53.7
DLBC	comp=Z,5.6nm,0.9s,baz=265,slow=3.0,SNR=5.0			PKPKPbc	PKPKPbc	16 22 34.1 -1.9
DLBC	comp=Z,4.9nm,0.7s,baz=52,slow=1.4,SNR=9.4			PKIKP	PKIKP	16 11 21.1 +1.6
WTLY	Watson Lake, Y	108.08	29	PKIKP	PKIKP	16 11 21.2 +1.6
T35M	Bob Quinn	108.25	32	PKIKP	PKIKP	16 11 21.8 +1.8
KEST	Kesra	108.33	305	Pdiff	Pdif	16 07 20.1 +1.2
KEST	comp=Z,13nm,0.8s,baz=341,slow=2.3,SNR=11.3			PKIKP	PKIKP	16 11 21.2 +0.3
KEST	comp=Z,7.6nm,0.8s,baz=163,slow=0.8,SNR=5.8			PP	PP	16 11 54.9 -4.2
KEST	comp=Z,7.6nm,1.0s,baz=17,slow=1.6,SNR=13			SKPKPbc	SKPKPbc	16 25 12.2 -4.1
KEST	comp=Z,2.0nm,0.7s,baz=246,slow=1.3,SNR=3.5			SKPKPbc	SKPKPbc	
KEST	Kesra	108.33	305	Pdiff	Pdif	16 07 19.4 +0.4
DBG	Daneborg	108.39	349	i P	Iamb	16 07 17.9 -0.3
DBG	comp=Z,8.1nm,0.9s			Iamb	Iamb	16 07 18.5
BTNL	Membach	108.56	321	ePKIKP	PKIKP	16 11 21.4 +0.7
MEM	Membach	108.64	321	ePKIKP	PKIKP	16 11 21.8 +1.0
BHOU	Houeguez	108.69	321	ePKIKP	PKIKP	16 11 22.2 +1.3
BSTI	Sart Tilman	108.92	321	ePKIKP	PKIKP	16 11 23.0 +1.6
RCHB	Rochefort	109.22	321	ePP	PP	16 12 03.4 -1.3
WRGLY	Wrigley	109.34	25	PKIKP	PKIKP	16 11 23.8 +2.0
NEEM	North Greenlan	109.36	357	i P	Pdif	16 07 23.5 +0.6
NEEM	comp=Z,13nm,0.7s			Iamb	Iamb	16 07 29.4
BMRD	Mareduous	109.48	321	ePKIKP	PKIKP	16 11 23.5 +1.1
BMRD	comp=Z,13nm,0.7s			ePP	PP	16 12 07.0 +0.4
UCC	Uccle	109.62	322	ePP	PP	16 12 05.9 -1.6
DOU	Dourbes	109.63	321	ePKIKP	PKIKP	16 11 23.7 +1.0
DOU	comp=Z,11nm,0.8s			ePP	PP	16 12 06.9 -0.7
TULEG	Bella Thule	110.49	1	i P	Pdiff	16 07 30.0 +2.5
BBB	comp=Z,2.1nm,0.8s,baz=278,slow=1.7,SNR=5.4			PKIKP	PKIKP	16 11 25.7 +0.9
BBB	comp=Z,16nm,1.0s,baz=304,slow=1.0,SNR=3.5			SKP	SKP	16 13 58.8 -0.8
MCD	Colum Disti	111.14	300	ePKIKP	PKIKP	16 11 27.0 +0.3
MAHO	Mahon	111.83	310	PP	PP	16 12 19.9 -3.5
EDMD	Edmundbyers	112.13	327	eP	PKIKP	16 11 28.2 +0.9
HPK	Haverah Park	112.24	326	eP	PKIKP	16 11 28.5 +0.9
EDI	Edinburgh	112.39	328	eP	PKIKP	16 11 28.4 +0.6
EJON	Loch Inver, As	112.39	313	PKP	PKIKP	16 11 27.4 -0.9
EKA	Eskdalemuir Ar	112.59	328	Pdiff	Pdif	16 07 39.6 +2.3
EKA	comp=Z,1.3nm,0.5s,baz=88,slow=5.7,SNR=4.4			PKIKP	PKIKP	16 11 28.6 +0.5
EKA	comp=Z,7.2nm,0.5s,baz=87,slow=1.4,SNR=30.6			PKIKP	PKIKP	16 12 25.5 -2.7
EKA	comp=Z,20nm,0.8s,baz=76,slow=7.3,SNR=7.0			PP	PP	16 12 02.8 -0.3
EKA	comp=Z,4.6nm,0.7s,baz=344,slow=1.2,SNR=5.0			SKP	SKP	16 14 02.8 -0.3
EKA	comp=Z,1.9nm,0.6s,baz=243,slow=2.0,SNR=7.2			SKPKPbc	SKPKPbc	16 25 17.2 -3.8
EKA	comp=Z,3.7nm,0.8s,baz=258,slow=3.3,SNR=6.8			PKIKP	PKIKP	16 11 28.8 +0.6
ESK	Eskdalemuir	112.63	328	eP	PKIKP	16 11 28.9 +0.6
INGV	Invergeldie, C	112.64	329	eP	PKIKP	16 11 29.6 +0.9
KESW	Keswick, Cumb	112.84	327	eP	PKIKP	16 11 29.3 +0.5
SUMG	Summit	112.84	352	PKP	PKIKP	16 07 39.6 +1.0
SUMG	Summit	112.84	352	i P	Pdif	16 07 39.6 +1.0
EAB	Aberfoyle	112.89	329	eP	PKIKP	16 11 29.3 +0.6
ETOS	Malorca	112.95	310	PKP	PKIKP	16 11 28.5 +0.6
KPL	Ploukon	113.09	330	eP	PKIKP	16 11 29.7 +0.7
SWNI	Swindon	113.15	323	eP	PKIKP	16 11 30.1 +0.7
NEWG	New Galloway	113.25	328	eP	PKIKP	16 11 29.9 +0.4
YKA	Yellowknife Ar	113.27	23	Pdiff	Pdif	16 07 41.9 +1.7
YKA	comp=Z,4.0nm,0.6s,baz=305,slow=4.4,SNR=4.3			SKP	SKP	16 11 29.7 +0.4
YKA	comp=Z,4.2nm,0.5s,baz=308,slow=1.9,SNR=5.49			SKP	SKP	16 14 05.4 +0.4
YKA	comp=Z,30nm,0.8s,baz=307,slow=1.9,SNR=25.4			SKS	SKS	16 17 11.1 -3.7
YKA	comp=Z,4.1nm,1.0s,baz=324,slow=4.7,SNR=5.7			PKPKPbc	PKPKPbc	16

Table with columns: JH, comp, A, Pn, 16 31 51.7, 16 31 53.0 -0.8, 16 31 53.0, 16 32 12.3 +0.2, 16 31 56.2 -0.4, 16 32 17.1 +0.1, 16 32 40.6, 16 31 58.2 +1.7, 16 31 56.1 -0.4, 16 31 58.4, 16 31 58.4 -0.5, 16 32 01.7, 16 32 07.3 -0.2, 16 32 07.3, 16 32 25.5 -0.4, 16 32 36.5 +2.0, 16 32 41.6 -0.3, 16 32 44.0 +1.2, 16 32 51.7 -0.3, 16 32 52.8 +0.4, 16 32 55.6 +1.3, 16 33 00.2 +0.7, 16 33 15.7 +0.5, 16 36 15.8, 16 33 16.1 +0.9, 16 33 44.0 +0.6, 16 34 00.3 0.0, 16 37 07.4, 16 34 25.6 +1.2, 16 39 19.4, 16 39 40.6, 16 34 43.2 -1.8, 16 34 44.9 -0.1, 16 40 50.3, 16 34 44.0 -1.1, 16 34 43.9 -1.1, 16 40 28.5, 16 35 26.6 -0.4, 16 38 36.0 +1.6, 16 35 36.1 -0.4, 16 35 54.4 +6.4, 16 36 00.1 0.0, 16 39 21.8 +1.6, 16 39 32.6 -1.4, 16 35 49.2 +0.2, 16 35 54.6 -2.2, 16 39 20.2 -1.6, 16 36 54.9 0.0, 16 36 57.8 -0.6, 16 37 23.2, 16 37 01.1 +0.2, 16 37 00.8 -0.1, 16 46 52.0, 16 48 55.3, 16 48 20.6, 16 52 01.1, 16 53 24.6, 16 52 19.9, 16 56 40.5, 16 36 58.8 -1.4, 16 39 07.3 +0.1, 16 39 07.3 -0.2, 16 57 34.0, 16 39 06.9 -0.4, 16 53 41.1, 16 39 22.3 -1.5, 16 39 26.5 -1.0, 16 39 28.7, 16 39 27.2 -0.5, 16 58 32.5, 16 56 44.0, 16 39 42.0 +3.3, 16 39 49.2, 17 00 00.3, 16 57 49.4, 16 39 57.6 -0.5

Table with columns: PALK, comp, A, Pn, 17 00 30.1, 16 40 05.9 -0.3, 17 02 08.4, 16 59 45.1, 16 40 10.4 -0.2, 17 03 24.2, 16 40 26.2 +0.5, 16 40 25.7 0.0, 17 01 36.8, 16 40 25.9 +0.2, 16 40 57.6 0.0, 16 41 23.5, 16 40 57.7 +0.1, 17 07 06.0, 17 07 17.3, 17 08 35.0, 17 09 05.4, 17 15 29.9, 17 14 30.9, 17 14 10.5, 17 17 22.3, 17 17 38.3, 17 17 34.8, 17 17 50.6, 17 18 53.2, 17 21 27.1, 17 21 50.8, 17 20 54.2, 17 21 57.0, 17 23 49.7, 16 43 28.1 +0.2, 17 21 37.8, 17 22 34.4, 17 23 52.2, 17 26 08.9, 17 27 28.5, 17 31 43.0

ISC 03 16:42:59.2, 0.9, 13.19N, 145.89E, h0km, mb3.7/10, mbmp3.7/10, MS3.9/3, Error ellipse: s-maj=22.6km s-min=1.7km az=59.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, 16 43 22.7 -0.7, 16 43 36.9 +0.8, 17 09 45.0, 17 09 44.5, 17 09 44.5, 16 48 17.4 -1.0, 16 49 52.0 -0.1, 16 50 23.0 0.0, 17 08 10.6, 16 51 19.4 +0.2, 16 53 24.7 +0.7, 16 53 44.3 0.0, 16 54 03.5 -0.1, 17 18 02.2, 16 54 17.7 +0.3, 16 55 26.0 +1.0, 16 56 08.3 -0.7, 17 02 38.5 -0.1

JMA 03 16:47:43.0, 0.2, 31.3N, 0.5, 131.6E, 0.9, h34km, MV0.3/18, SE OFF OSUMI PEN, Kyushu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, 16 47 51.4 -0.2, 16 47 51.8 -0.2, 16 47 55.9 -0.3, 16 48 05.1 +0.7

JMA 03 16:48:19.2, 0.0, 32.72N, 0.0, 9.130E, 0.1, h11km, MV1.5/32, NW KUMAMOTO PREF, Kyushu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, 16 48 23.2 +0.1, 16 48 23.2 +0.1, 16 48 25.3 0.0, 16 48 29.7 +0.3

JMA 03 16:55:06.4, 0.1, 30.1N, 1.4, 162.2E, h57km, MV3.7/16, NEAR TORISHIMA IS, Southeast of Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, 16 56 17.5 +0.9, 16 56 28.7 +0.9, 16 57 31.7 +1.6, 16 57 35.4 +3.4, 16 56 23.7 +2.2, 16 56 47.7 +1.7

Table with columns: JAG, Ashikaga, 6.98 345 eP, Pn, 16 56 48.3 +2.3, IDC 03 17:04:49.9, 3.0, 7.29S, 129.10E, h116km, 42km, mb3.0/1, mbmp3.7/5, Error ellipse: s-maj=66.0km s-min=21.9km az=91.0, Banda Sea

SJA 03 17:24:10.2, 0.6, 23.22S, 68.62W, h132km, 6km, ML3.8, MV3.5

GUC 03 17:24:10.5, 1.1, 4.0, 7.23, 22S, 68.51W, h122km, 4km, ML3.7

ISC 03 17:24:10.5, 1.1, 23.22S, 0.04, 68.54W, 0.06, h130km, 11km, n29, s19, 45, 42, 1C, Northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, 17 24 28.7 -0.8, 17 24 42.0 -1.9, 17 24 47.4, 17 24 34.9 +0.5, 17 24 52.7 +0.2, 17 24 54.6, 17 24 34.9 +0.5, 17 24 52.7 +0.2, 17 24 53.9, 17 24 40.3 +0.9, 17 24 40.6, 17 25 03.2, 17 25 03.7, 17 24 40.8 +1.4, 17 25 03.6, 17 24 39.9 +0.3, 17 25 02.7 +1.0, 17 25 02.7, 17 25 07.9 +0.3, 17 25 02.7, 17 24 40.6 +0.6, 17 25 03.2 +0.6, 17 25 06.0, 17 24 40.8 +0.7, 17 25 04.0, 17 24 44.5 +0.7, 17 25 09.9 +0.5, 17 25 10.6, 17 24 44.8 +0.9, 17 25 11.3, 17 24 47.9 +0.5, 17 25 16.0 +0.5, 17 24 47.4 0.0, 17 25 15.9, 17 24 50.1 +2.0, 17 24 48.5 +0.6, 17 25 16.8 +0.2, 17 25 21.3, 17 24 48.5 +0.6, 17 25 23.4, 17 24 49.6 +0.9, 17 25 19.3 +1.3, 17 25 21.3, 17 24 49.7 +0.4, 17 25 21.1, 17 24 58.8 +1.0, 17 25 23.2 -1.1, 17 25 04.4 +1.4, 17 25 33.5 -2.9, 17 25 00.5 +1.5, 17 25 44.4, 17 25 02.2 +0.5, 17 25 31.2 -6.3, 17 26 02.2, 17 24 59.5 -0.2, 17 26 08.0, 17 25 02.4 -0.8, 17 25 42.9 -1.1, 17 25 02.5 -0.7, 17 25 51.8, 17 25 06.5 +1.3, 17 25 52.2, 17 25 05.5 +0.5, 17 25 32.2 -1.5, 17 25 04.8 -0.3, 17 26 20.3, 17 25 06.8 +0.8, 17 25 06.7 -1.2, 17 26 02.1

RSNC 03 17:26:43.2, 0.0, 10.1N, 4.7, 74W, h0km, 6km, M2.2, ML2.3, Northern Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, 17 27 35.3 +5.0, 17 27 09.5 -1.1, 17 27 09.6 -1.0, 17 27 12.9 +2.0, 17 27 14.3 +1.2, 17 27 26.7 +0.3

TEH 03 17:27:13.0, 33.61N, 45.97E, h10km, 49km, ML2.8, Presumed earthquake

ISN 03 17:27:15.3, 1.6, 33.60N, 45.94E, h33km, 21km, ML2.9, Presumed earthquake

ISC 03 17:27:12.5, 1.2, 33.57N, 0.06, 46.02E, 0.05, h16km, 17km, n8, s0, 61, 0, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, 17 27 17.4 +0.2, 17 27 30.1 -0.4, 17 27 34.1 +0.3, 17 27 35.1 0.0, 17 27 39.0 -0.5, 17 27 58.5 +0.7, 17 27 46.5 0.0, 17 27 46.5 +0.8, 17 28 11.0 -0.7, 17 28 12.3

3d 17h

RAFI comp=N,153nm,0.2s AML AML 17 28 15.5
SNQR Sonqor, Kerman 1.85 45 Pn Pg 17 27 47.6 -0.4
MOS 03 17:28:50.3,0.43,99N:146.14E, h119km, mb4.3/19, Error ellipse: s-maj=10.0km s-min=6.7km az=104.7

NIED 03 17:28:51.5, 43.98N:146.21E, h110km, MW4.0, Moment Tensor Solution. s3 Moment tensor: Scale 1014Nm; Mn=0.81; Mw=1.75; Mw=0.94; Mw=7.49; Mw=1.68; Mw=5.51; Fault plane solution: Mo=9.47000x10^14 NP1: 0.279,0.0000, 0.7,0.0000, -1, -4, 4.00000. NP2: 0.53,00000, 0.85,0.0000, -1, -95.00000

IDC 03 17:28:51.9, 0.9, 44.16N:145.96E, h112km, 7km, mb3.7/25, mbtmp4.0/31 Error ellipse: s-maj=13.5km s-min=11.0km az=156.0

JMA 03 17:28:51.5, 0.2, 44.0N:0.8, -14.6E, h110km, 1km, MV3.5/37, NEAR KUNASHIRI ISLAND

JMA Felt J1 at NEAR KUNASHIRI ISLAND

SKHL 03 17:28:51.6, 0.1, 44.00N:146.10E, h115km, 3km, mb5.2/4, msh6.1/4

NEIC 03 17:28:52.7, 1.4, 44.16N:0.08, 145.9E:0.1, h115km, 6km, mb4.3/65, Error ellipse: s-maj=13.8km s-min=10.8km az=122.0

ISC 03 17:28:51.2, 0.5, 44.00N:0.04, 146.10E:0.04, h113km, 4km, n407, 0.089/422, mb4.2/73, 6C-9D, Kuril Islands

Table with columns: Code, Station Name, Delta A, Delta Z, Phase, Op, ISC P, Time h:m:s, ISC Res

YUK Yuzh-Kuril'sk 0.17 281 d iPN Pn 17 29 07.1 +0.3

YUK Yuzh-Kuril'sk 0.17 281 d iS S 17 29 19.1 +0.5

YUK comp=N, 239nm, 0.2s pmax pmax

YUK comp=E, 309nm, 0.1s pmax pmax

YUK comp=N, 239nm, 0.2s smax smax

YUK comp=E, 309nm, 0.1s smax smax

YUK comp=N, 71um, 0.4s pmax pmax

YUK comp=N, 2um, 0.4s iS A 17 29 20.4

YUK comp=N, 8um, 0.4s A A 17 29 20.4

GLVR Golovino 0.49 238 iPN Pn 17 29 09.1 +0.8

GLVR Golovino 0.49 238 iS S 17 29 22.5 +1.4

GLVR comp=N, 463nm, 0.4s pmax pmax

GLVR comp=N, 2um, 0.4s pmax pmax

GLVR comp=E, 423nm, 0.3s smax smax

GLVR comp=N, 6um, 0.3s smax smax

GLVR comp=E, 10um, 0.4s pmax pmax

GLVR Golovino 0.49 238 iPN Pn 17 29 09.1 +0.8

GLVR Golovino 0.49 238 iS S 17 29 22.5 +1.4

GLVR comp=N, 2um, 0.4s iS A 17 29 23.0

GLVR comp=E, 6um, 0.4s A A 17 29 23.0

GLVR comp=E, 10um, 0.4s A A 17 29 23.0

RUSJ Misakicho 0.62 280 iPN S 17 29 09.9 +0.8

RUSJ Misakicho 0.62 280 iS S 17 29 23.9 +1.2

NEM2 Nemuro 2 0.69 202 iPN Pn 17 29 09.9 +0.2

NEM2 Nemuro 2 0.69 202 iS S 17 29 23.0 -0.6

NMR Nemuro-Hokkai 0.69 203 iPN Pn 17 29 09.8 +0.1

NMR Nemuro-Hokkai 0.69 203 iS S 17 29 22.9 -0.7

NMR Nemuro-Hokkai 0.69 203 ePN Pn 17 29 09.7 +0.1

NMR Nemuro-Hokkai 0.69 203 eS S 17 29 22.3 -0.4

JRA Rausu 0.71 265 iPN Pn 17 29 10.6 +0.8

JNSB Nemuroshibetsu 0.82 254 iPN Pn 17 29 11.9 +1.1

JNSB Nemuroshibetsu 0.82 254 iS S 17 29 27.1 +1.5

JNK Nakash 1.08 248 iPN Pn 17 29 14.3 +0.9

JNK Nakash 1.08 248 iS S 17 29 31.1 +0.9

JKHN Kushirohamanak 1.14 217 iPN Pn 17 29 14.7 +0.6

JKHN Kushirohamanak 1.14 217 eS S 17 29 31.7 +0.3

AKK Akkeshi 1.34 223 ePN Pn 17 29 16.9 +0.6

JAK Akkeshi 1.43 226 iPN Pn 17 29 18.0 +0.7

JAK Akkeshi 1.43 226 eS S 17 29 37.5 +0.4

JTKR Abashiri-Toko 1.58 270 iPN Pn 17 29 20.1 +1.1

JTKR Abashiri-Toko 1.58 270 iS S 17 29 41.2 +0.9

KUR Kuril'sk 1.77 45c iPN S 17 29 22.7 +1.4

KUR Kuril'sk 1.77 45c iS S 17 29 45.8 +1.5

KUR comp=N, 117nm, 0.3s pmax pmax

KUR comp=N, 43nm, 0.2s pmax pmax

KUR comp=E, 30nm, 0.2s pmax pmax

KUR comp=E, 3um, 1.6s smax smax

KUR comp=N, 2um, 2.0s smax smax

KUR comp=E, 406nm, 0.6s smax smax

KUR comp=N, 190nm, 0.6s pmax pmax

KUR Kuril'sk 1.77 45 ePN Pn 17 29 22.5 +1.2

KUR Kuril'sk 1.77 45 eS S 17 29 23.6

KUR comp=N, 270nm, 0.3s eS S 17 29 45.7 +1.5

KUR comp=N, 510nm, 0.4s A A 17 29 47.7

KUR comp=N, 930nm, 0.4s A A 17 29 47.7

JAR Ashorobuto 1.83 248 ePN Pn 17 29 23.9 +1.7

REI Reidoive 1.87 47 ePN Pn 17 29 23.4 +0.9

REI Reidoive 1.87 47 eS S 17 29 47.3 +0.8

JMP Maruseppu 1.97 271 ePN Pn 17 29 25.2 +1.3

JMP Maruseppu 1.97 271 eS S 17 29 25.2 +1.3

JOB Onsets 1.98 237 ePN Pn 17 29 50.4 +1.4

JOB Onsets 1.98 237 eS S 17 29 31.6 +1.9

JKK2 Kamakawa 2 2.42 268 ePN Pn 17 29 30.8 +1.1

JCH Churui 2.43 236 ePN Pn 17 29 32.5 +1.5

JKA Kamikawa-asahi 2.52 274 ePN Pn 17 29 32.5 +1.5

JKA Kamikawa-asahi 2.52 274 eS S 17 29 32.5 +1.5

ASAJ Asahikawa 2.52 274 PN Pn 17 29 32.5 +1.5

YSS Yuzhno-Sakhali 3.77 323 ePN Pn 17 29 49.5 +2.1

YSS Yuzhno-Sakhali 3.77 323 eS S 17 30 32.3 +1.3

YSS comp=N, 20nm, 0.8s pmax pmax

YSS comp=N, 30nm, 1.1s smax smax

YSS comp=E, 50nm, 1.1s smax smax

YSS comp=N, 100nm, 2.1s smax smax

YSS comp=N, 100nm, 2.1s smax smax

YSS comp=E, 100nm, 2.4s smax smax

YSS comp=N, 10.0nm, 1.6s smax smax

YSS comp=E, 11nm, 1.6s smax smax

TYV Tymovskoe 7.25 342 ePN Pn 17 30 36.0 +1.7

TYV Tymovskoe 7.25 342 eS S 17 31 54.5 -0.5

MJAO Matsu Arr-Jizo 9.56 221 ePN Pn 17 31 07.4 +1.6

MJAO Matsu Arr-Jizo 9.56 221 pmax pmax

MJAR Matushiro Arr 9.58 222 P Pn 17 31 05.9 -0.1

2020 JUN

Main table with columns: Station Name, Azimuth, Azimuth Error, Phase, Op, ISC P, Time h:m:s, ISC Res

Main table with columns: Station Name, Azimuth, Azimuth Error, Phase, Op, ISC P, Time h:m:s, ISC Res

SEW	baz=267 Seward	40.97	44	P	P	17 36 21.8	-0.5
C24K	baz=277 Franklin Bluff	41.03	29	P	P	17 36 22.8	0.0
E24K	baz=266 Your Creek	41.03	31	P	P	17 36 22.7	-0.2
WAT1	baz=274 Susitna Watana	41.13	39	P	P	17 36 24.2	+0.4
WRH	baz=274 Wood River Hill	41.24	37	P	P	17 36 26.8	+2.3
I28M	comp=Z,4.8nm,1.1s Squaw Lake	41.25	32	P	P	17 36 25.3	+0.6
F24K	baz=270 Noodor Dome	41.27	35	P	P	17 36 26.5	+1.6
H24K	baz=272 Noodor Dome	41.27	35	P	P	17 36 25.7	+0.8
KNK	baz=272 Knik Glacier	41.31	42	P	P	17 36 25.0	-0.1
SML	baz=276 Sawmill	41.33	41	P	P	17 36 25.4	+0.1
G24K	baz=271 Hadweenzic Riv	41.42	33	P	P	17 36 27.0	+1.0
WAT6	baz=275 Susitna Watana	41.53	40	P	P	17 36 28.1	+0.9
M23K	baz=275 Glacier View	41.62	41	P	P	17 36 28.7	+1.0
DHY	baz=276 Denali Highway	41.65	39	P	P	17 36 28.6	+0.5
DHY	comp=Z,4.0nm,0.7s Denali Highway	41.65	39	P	P	17 36 29.1	+1.0
HDA	baz=274 Harding Lake	41.73	37	P	P	17 36 29.6	+1.0
IL31	IL31	41.74	36	I	Amb	17 36 29.1	+0.6
ILAR	comp=Z,2.7nm,0.7s Eielson Array	41.74	36	P	P	17 36 28.7	+0.1
ILAR	comp=Z,2.0nm,0.7s,slow=264,slow=6.5,SNR=32 Eielson Array	41.74	36	P	P	17 36 28.7	+0.1
ILAR	comp=Z,0.2nm,0.6s,slow=290,slow=3.1,SNR=2.5 Eielson Array	41.74	36	P	P	17 36 29.1	+0.5
ILAR	comp=Z,2.0nm,0.7s Eielson Array	41.74	36	P	P	17 36 29.1	+0.5
SCM	comp=Z,2.0nm,0.7s Sheep Creek Mo	41.80	41	P	P	17 36 28.2	-1.0
D25K	baz=269 Kavik River	41.83	29	P	P	17 36 28.2	-1.2
G25K	baz=272 Bearman Lake	41.96	33	P	P	17 36 29.9	-0.5
P23K	baz=278 Montague Islan	42.00	44	P	P	17 36 30.2	-0.6
GLI	baz=278 Glacier Island	42.03	42	P	P	17 36 30.2	-0.8
F25K	baz=272 Christian River	42.11	32	P	P	17 36 32.3	+0.7
E25K	baz=271 Arctic Village	42.13	31	P	P	17 36 32.1	+0.4
PRP	comp=Z,2.9nm,0.6s Porcupine Dome	42.26	35	P	P	17 36 33.1	+0.1
PRP	comp=Z,2.9nm,0.6s Porcupine Dome	42.26	35	P	P	17 36 33.1	+0.1
K24K	baz=274 Donnelly Dome	42.30	38	P	P	17 36 33.2	0.0
K24K	baz=276 Donnelly Dome	42.30	38	P	P	17 36 34.3	+1.1
M24K	baz=277 Tolsona, Glenn	42.31	40	P	P	17 36 34.7	+1.4
M24K	baz=277 Tolsona, Glenn	42.31	40	P	P	17 36 34.4	+1.0
C26K	baz=279 Camden Bay	42.35	29	P	P	17 36 34.8	+1.3
J25K	baz=278 Salcha River	42.40	37	P	P	17 36 34.2	+0.1
KLU	baz=278 Klutina	42.51	41	P	P	17 36 35.7	+0.7
KLU	comp=Z,8.9nm,1.2s Klutina	42.51	41	P	P	17 36 35.2	+0.2
PAX	baz=277 Paxson	42.53	39	P	P	17 36 35.3	+0.2
F26K	baz=275 Sheenjak River	42.68	32	P	P	17 36 36.8	+0.6
F26K	baz=275 Sheenjak River	42.68	32	P	P	17 36 36.8	+0.6
RIDG	comp=Z,2.9nm,0.6s Independent Ri	42.72	38	P	P	17 36 37.1	+0.5
RIDG	comp=Z,2.9nm,0.6s Independent Ri	42.72	38	P	P	17 36 37.1	+0.5
EYAK	baz=279 Cordova Ski Ar	42.73	43	P	P	17 36 36.5	-0.1
C27K	baz=279 Jago River	42.77	29	P	P	17 36 36.7	-0.3
C27K	comp=Z,12nm,1.4s Jago River	42.77	29	P	P	17 36 37.6	+0.7
G26K	baz=274 Porcupine River	42.87	33	P	P	17 36 37.8	+0.2
SCRK	comp=Z,4.6nm,0.9s Sand Creek	43.07	37	P	P	17 36 39.9	+0.4
SCRK	comp=Z,4.6nm,0.9s Sand Creek	43.07	37	P	P	17 36 40.4	+0.9
DOT	baz=277,SNR=5.1 Dot Lake	43.07	38	P	P	17 36 39.5	0.0
N25K	baz=279 Chitina, Valde	43.12	41	P	P	17 36 40.9	+1.0
BMRM	comp=Z,10nm,1.2s Bremer River	43.22	42	P	P	17 36 41.4	+0.7
BMRM	comp=Z,10nm,1.2s Bremer River	43.22	42	P	P	17 36 41.4	+0.7
I26K	baz=290 Coal Creek Min	43.27	35	P	P	17 36 41.5	+0.6
L26K	baz=276 Log Cabin Wild	43.48	39	P	P	17 36 43.2	+0.5
KAIM	baz=281 Kayak Island	43.50	43	P	P	17 36 43.2	+0.4
GLB	comp=Z,8.2nm,1.3s Gilahina Butte	43.52	41	P	P	17 36 44.3	+1.2
E27K	baz=275 Coleen River	43.61	31	P	P	17 36 44.2	+0.5
G27K	baz=276 Doyon Strip	43.72	33	P	P	17 36 45.3	+0.9
VRDI	comp=Z,8.8nm,1.3s Verde Repeater	43.73	41	P	P	17 36 46.3	+1.4
M26K	baz=279 Nabesna, AK	43.74	40	P	P	17 36 45.5	+0.6
D27M	baz=274 Malcolm River	43.76	30	P	P	17 36 45.4	+0.5
MK31	baz=297,slow=8.9,SNR=30.3 Makanchi Array	43.79	297	P	P	17 36 45.2	-0.2
MKAR	comp=Z,1.9nm,0.6s,slow=79,slow=8.9,SNR=30.3 Makanchi Array	43.79	297	P	P	17 36 45.7	+0.2
MKAR	comp=Z,0.6nm,0.8s,slow=46,slow=5.2,SNR=3.6 Makanchi Array	43.79	297	P	P	17 36 44.6	-0.8
MKAR	comp=Z,1.9nm,0.6s Makanchi Array	43.79	297	P	P	17 38 30.0	0.0
H27K	baz=289 Steamboat Moun	43.83	34	I	Amb	17 36 46.2	+0.7
H27K	comp=Z,3.1nm,0.7s Steamboat Moun	43.83	34	P	P	17 36 46.2	+0.7
I27K	baz=279,SNR=5.1 Kandik River	43.87	35	P	P	17 36 47.4	+1.5
I27K	baz=277 Kandik River	43.87	35	P	P	17 36 45.7	-0.1
K27K	baz=277 Chicken	43.89	37	P	P	17 36 46.5	+0.5
K27K	comp=Z,6.7nm,0.8s Chicken	43.89	37	P	P	17 36 48.1	
MCARA	baz=280 McCarthy VSAT	43.90	41	P	P	17 36 45.9	-0.2
CROM	baz=281 Cirque	43.96	42	P	P	17 36 48.8	+2.0
CROM	baz=281 Cirque	43.99	42	P	P	17 36 47.1	+0.2
MAKZ	comp=Z,3.9nm,1.0s Makanchi	43.99	297	P	P	17 36 46.8	-0.2
MAKZ	comp=Z,3.9nm,1.0s Makanchi	43.99	297	P	P	17 36 46.8	-0.2
BGLK	baz=282 Bering Glacier	44.02	43	P	P	17 36 47.6	+0.6
L27K	comp=Z,4.3nm,0.7s Beaver Creek	44.16	38	I	Amb	17 36 50.5	
L27K	comp=Z,4.3nm,0.7s Beaver Creek	44.16	38	P	P	17 36 48.4	+0.2

BCAR	44.17	38	P	P	17 36 48.9	+0.6	
M27K	44.26	39	I	Amb	17 36 50.8	+1.7	
M27K	comp=Z,4.0nm,1.0s Edge Creek, AK	44.26	39	P	P	17 36 51.7	
F28M	baz=290 Old Crow	44.32	32	P	P	17 36 49.4	+0.3
E28M	baz=277 Babbage River	44.33	30	P	P	17 36 49.5	+0.2
I28M	comp=Z,4.3nm,0.6s Miner Creek	44.59	35	I	Amb	17 36 50.3	+0.9
I28M	comp=Z,4.3nm,0.6s Miner Creek	44.59	35	P	P	17 36 54.5	
BARN	comp=Z,1.3nm,1.4s Bernard Glacie	44.61	41	P	P	17 36 51.4	-0.2
GRNC	44.63	42	P	P	17 36 52.8	+0.8	
MESA	44.66	43	P	P	17 36 54.4		
KURK	44.76	303	P	P	17 36 53.8	+1.6	
KURK	44.76	303	P	P	17 36 52.1	-0.2	
KURK	44.76	303	P	P	17 36 51.9	-1.1	
KURK	44.76	303	P	P	17 36 53.3	+0.6	
KURK	44.76	303	P	P	17 36 52.3	-0.7	
KURK	44.76	303	P	P	17 36 52.7	-0.3	
KURB	44.84	303	P	P	17 36 52.9	-0.8	
KURBB	44.84	303	P	P	17 38 33.8	+0.3	
E29M	44.96	31	P	P	17 38 33.8	+0.3	
YUK3	45.03	40	P	P	17 36 54.7	+0.3	
DAWY	45.05	37	P	P	17 36 55.0	-0.3	
H29M	45.10	34	I	Amb	17 36 54.6	-0.6	
H29M	45.10	34	I	Amb	17 36 58.0		
G29M	45.12	33	I	Amb	17 36 56.3	+0.7	
G29M	45.12	33	I	Amb	17 36 58.7		
I29M	45.27	35	I	Amb	17 36 56.2	+0.5	
O28M	45.27	35	P	P	17 36 59.1		
YUK8	45.27	35	P	P	17 36 57.4	+0.5	
PINM	45.37	41	P	P	17 36 58.0	-0.1	
PINM	45.46	41	P	P	17 36 58.6	-0.1	
M29M	45.50	42	P	P	17 36 59.1	+0.2	
L29M	45.80	38	I	Amb	17 37 01.1	-0.2	
L29M	45.80	38	I	Amb	17 37 04.9		
G30M	45.81	32	P	P	17 37 01.4	+0.3	
F30M	45.81	32	P	P	17 37 01.5	+0.3	
K29M	45.81	32	P	P	17 37 01.6	0.0	
YUK4	45.81	32	P	P	17 37 02.6	+0.5	
YUK4	45.81	32	P	P	17 37 02.6	+0.5	
YUK4	45.81	32	P	P	17 37 02.6	+0.5	
I30M	45.97	40	P	P	17 37 02.3	-0.4	
I30M	45.97	40	P	P	17 37 02.3	-0.4	
I30M	45.97	40	P	P	17 37 02.3	-0.4	
YUK6	46.09	35	I	Amb	17 37 06.8		
J30M	46.25	36	P	P	17 37 03.7	+0.2	
J30M	46.25	36	P	P	17 37 04.8	+0.2	
O29M	46.25	36	P	P	17 37 05.2	+0.4	
O29M	46.25	36	P	P	17 37 04.7	-0.2	
M30M	46.25	36	P	P	17 37 07.6	+0.8	
INK	46.25	36	P	P	17 37 07.9	+0.9	
G31M	46.58	32	P	P	17 37 07.9	+0.9	
G31M	46.58	32	P	P	17 37 07.8	+0.7	
HYT	46.64	41	I	Amb	17 37 10.2	+2.3	
HYT	46.64	41	I	Amb	17 37 11.1		
F31M	46.67	32	P	P	17 37 07.9	+0.1	
H31M	46.72	34	P	P	17 37 09.4	+0.5	
P29M	46.72	34	P	P	17 37 09.4	+0.5	
P29M	46.72	34	P	P	17 37 09.3	-0.1	
CMAR	46.87	252	P	P	17 37 09.3	-0.1	
CMAR	46.87	252	P	P	17 37 10.3	+0.3	
CMAR	46.87	252	P	P	17 37 10.3	+0.3	
CMAR	46.87	252	P	P	17 37 11.4	+1.4	
CMAR	46.87	252	P	P	17 37 11.4	+1.4	
P30M	47.09	42	P	P	17 37 11.4	+1.4	
O30M	47.32	41	P	P	17 37 10.9	-0.4	
PLBC	47.32	41	P	P	17 37 13.7	+0.6	
PLBC	47.32	41	P	P	17 37 15.9	+0.9	
M31M	47.32	41	P	P	17 37 16.9	+1.0	
WHY	47.32	41	P	P	17 37 18.0	+0.2	
SKAG	47.32	41	P	P	17 37 18.5	-0.3	
S31K	48.10	44	P	P	17 37 18.5	-0.3	
BVAR	48.10	44	P	P	17 37 18.6	-0.4	
BVAR	48.10	44	P	P	17 37 24.7	+0.6	
BVAR	48.10	44	P	P	17 37 20.6	+0.1	
BVAR	48.10	44	P	P	17 37 50.4	+0.7	
TARG	48.79	292	P	P	17 37 26.3	+1.2	
TARG	48.79	292	P	P	17 37 26.8		
TARG	48.79	292	P	P	17 37 26.3	+1.2	
R32K	48.86	44	P	P	17 37 26.3	+1.2	
SITK	48.86	44	P	P	17 37 24.8	0.0	
MMPY	48.86	44	P	P	17 37 24.5	-0.3	
KDJJ	48.96	37	P	P	17 37 25.3	-0.3	
KDJJ	49.02	293	P	P	17 37 27.3	+0.7	
P33M	49.03	41	P	P	17 37 27.3	+0.7	
S32K	49.03	41	P	P	17 37 26.0	-0.2	
ULHL	49.10	45	P	P	17 37 27.1	+0.5	
C36M	49.10	45	P	P	17 37 27.1	+0.5	
C36M	49.10	45	P	P	17 37 32.0	+1.1	
C36M	49.10	45	P	P	17 37 32.0	+1.1	
BOOM	49.61	28	P	P	17 37 30.7	+0.3	
BOOM	49.61	28</					

3d 17h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URDF Urds, URDF Ordriar, URDF Montagne du Re, etc.

2020 JUN

Table with columns: GUD, BGF, BGF, BGF, BGF, VIVF, VIVF, VIVF, VIVF, SSB, AVF, AVF, AVF, AVF, SMF, SMF, SMF, SMF, ETOS, ETOS, SMRF, SMRF, SMRF, SMRF, SSS, SSS, SSS, SSS, EBENZ, EBENZ, QUIF, QUIF, QUIF, QUIF, PAB, PAB, PAB, PAB, PBRG, PBRG, PBRG, PBRG, PBRG, TOBARRA, TOBARRA, TOBARRA, TOBARRA, ORIF, ORIF, ORIF, ORIF, LOR, LOR, LOR, LOR, GRR, GRR, GRR, GRR, SGMF, SGMF, SGMF, SGMF, SGMF, SGMF, OLIV, OLIV, LDF, LDF, LDF, LDF, LDF, LDF, LMR, LMR, LMR, LMR, LMR, MVO, MVO, MVO, MVO, MVO, MVO, FLN, FLN, FLN, FLN, FLN, FLN, LPL, LPL, LPL, LPL, LPL, LPL, LPG, LPG, LPG, LPG, LPG, LPG, LMR, LMR, LMR, LMR, LMR, LMR, MTE, MTE, MTE, MTE, MTE, MTE, PCBR, PCBR, PCBR, PCBR, PCBR, MEZF, MEZF, SAVF, SAVF, SAVF, SAVF, PMRV, PMRV, PMRV, PMRV, PMRV, HAU, HAU, PAGF, PAGF, PAGF, PAGF, HINF, HINF, PSARD, PSARD, PSARD, PSARD, PSARD, PESTR, PESTR, PESTR, PESTR, PESTR, PESTR, GUD, GUD, GUD, GUD, GUD, GUD.

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Table with columns: PBAR, PBAR, PBAR, PBAR, PARRA, CDF, MOE, MOE, MOE, MOE, IDC 03, NEIC 03, IDC 03, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PBAR Arralolos, PBAR Cam du Feu, PBAR Cam du Feu, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Date/Time. Includes stations like MAKZ Makanchi, MAKZ Makanchi, DHUB DHUB, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Date/Time. Includes stations like SII Sitkinak Island, K20K Telida, K20K Telida, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Date/Time. Includes stations like MCK McKinley, TKM2 Tokmak 2, RND Reinder, etc.

3d 20h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like UTK, N25K, DOT, SCRK, etc.

2020 JUN

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like F30M, I30M, YUK6, etc.

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

KBZ	comp=Z,33nm,0.6s	70.84 311 P	P	20 42 30.4 +0.3
KBZ	comp=Z,16nm,0.9s,baz=42,slo=5.4,SNR=29	LR	LR	21 18 35.5
KBZ	comp=Z,36nm,18.9s,baz=46,slo=40			
KBZ	comp=Z,16nm,0.9s	70.84 311cP	P	20 42 30.2 +0.1
KIV	comp=Z,18nm,0.9s	70.85 311 P	P	20 42 30.6 +0.3
KIV	Kislovodsk	70.85 311 P	P	20 42 29.1 -1.2
KIV	Kislovodsk	70.85 311 P	P	20 42 31.0 +0.7
KIV	Kislovodsk	70.85 311 P	P	20 42 30.4 +0.1
KIV	comp=Z,45nm,1.1s	ePmax	Pmax	
KIV	comp=Z,33nm,18.0s	MLR	MLR	
KIV	Kislovodsk	70.85 311 P	P	20 42 30.6 +0.3
KIV	comp=Z,32nm,comp=Z,43nm,1.0s	P	P	20 42 30.6 +0.3
KIV	Kislovodsk	70.85 311 P	P	20 42 31.7 +1.3
NEW	Newport	70.90 44 P	P	21 13 47.2
NEW	comp=Z,3.3nm,0.6s,baz=305,slo=5.3,SNR=5.1	LR	LR	
SHME	Shamm	70.92 289 P	P	20 42 31.6 +0.7
SHME	SNR=2			
PINE	Pine Mountain	71.11 49 I	I	20 42 33.3 +1.3
PINE		Iamb	Iamb	20 42 35.0
YBH	comp=Z,10nm,0.8s			
YBH	Yreka Blue Hor	71.11 52 P	P	20 42 32.6 +0.7
YBH	comp=Z,11nm,0.5s,baz=221,slo=3.9,SNR=4.3			
YBH	Yreka Blue Hor	71.11 52 Iamb	Iamb	20 43 17.0
ERBR	Yeremizino-Bor	71.22 313 eP	P	20 42 32.2 -0.2
ERBR		ePP	P	20 42 46.3 -2.4
ERBR		eS	P	20 51 44.5 -0.5
ERBR		ePmax	Pmax	
SUMG	Summit	71.23 360 P	P	20 42 33.8 +1.3
SUMG		ePmax	Pmax	
SUMG	comp=Z,23nm,1.0s			
SUMG	Summit	71.23 360 P	P	20 42 33.5 +1.0
SUMG		Iamb	Iamb	20 42 34.6
UOSS	comp=Z,16nm,0.9s			
HATO	Hatta, Dubai	71.45 288 P	P	20 42 34.0 -0.2
HATO	SNR=7.2	71.57 288 P	P	20 42 36.0 +1.1
NAX	Nakhchivan	71.62 305 P	P	20 42 34.1 -0.9
SOHO	SOHO	71.63 287 P	P	20 42 35.3 +0.1
SOHO	SNR=2			
LABN	Labinsk	71.66 312 eP	P	20 42 34.2 -0.9
LABN		ePmax	Pmax	
ASHO	Ashiyah	71.71 287 P	P	20 42 35.6 -0.1
NAZ	Nazwa, Dubai	71.85 288 P	P	20 42 36.9 +0.3
FAQ	Al Faqa, Dubai	72.03 288 P	P	20 42 37.5 0.0
ALNE	Al Ain	72.28 287 P	P	20 42 39.2 +0.1
ASUD	Al Ashush, Dub	72.30 288 P	P	20 42 39.6 +0.4
MNSK	Minsk	72.64 326 P	P	20 42 41.3 +0.6
MNSK	comp=E,25nm,0.8s			
MNSK		I	P	20 42 41.3 +0.6
MNSK	comp=N,21nm,1.1s			
MNSK		I	P	20 42 41.3 +0.6
MNSK	comp=Z,49nm,0.9s,baz=51			
MNSK		iP	P	20 42 57.8 -0.2
MNSK		iS	P	20 43 01.5 +4.4
MNSK		iP	P	20 45 22.8 +0.5
MNSK		iPP	P	20 47 07.1
MNSK		iS	P	20 52 03.6 +2.7
MNSK		iS	P	20 52 26.9 +5.8
MNSK		iSS	P	20 56 30.9 -9.3
MNSK		iSSS	P	20 59 52.6
MNSK		iLR	P	20 51 14.9
MNSK		iLRM	P	21 16 57.6
MNSK	comp=Z,40nm,15.6s			
MNSK		iLRM	MLR	21 17 07.6
MNSK	comp=E,15nm,13.0s			
MNSK		iLRM	MLR	21 17 07.6
MNSK	comp=N,26nm,18.8s			
MNSK	Minsk	72.64 326 P	P	20 42 41.2 +0.6
MNSK		iPP	P	20 42 57.7 -0.2
MNSK		iS	P	20 43 01.4 +4.4
MNSK		iS	P	20 45 22.7
MNSK		iPP	P	20 52 03.6 +2.7
MNSK		iS	P	20 52 26.8 +5.8
MNSK		iSSS	P	20 59 52.6
MNSK		iSSS	P	20 59 52.6
MNSK	comp=E,25nm,0.8s			
MNSK		ePmax	Pmax	
MNSK	comp=Z,49nm,0.9s			
MNSK		ePmax	Pmax	
MNSK	comp=N,21nm,1.1s			
MNSK		MLR	MLR	
MNSK	comp=Z,40nm,16.0s			
MNSK		MLR	MLR	
MNSK	comp=N,26nm,19.0s			
MNSK		MLR	MLR	
MNSK	comp=E,15nm,13.0s			
MNSK		MLR	MLR	
BMO	Blue Mountains	72.70 47 P	P	20 42 41.2 -0.2
BMO	Blue Mountains	72.70 47 P	P	20 42 41.2 -0.2
BMO		ePmax	Pmax	
VSLR	comp=Z,5.0nm,0.9s			
VSLR	Vesolye	72.73 311cP	P	20 42 41.2 -0.3
BATM	Batumi	72.74 309 P	P	20 42 42.1 +0.5
BATM		P	P	20 42 42.9 +0.5
JOBA	Circle Bar Ran	72.84 49 P	P	20 42 41.9 -0.4
SOC	Sochi	72.85 312 eP	P	20 42 41.4 -0.8
SOC		ePP	P	20 42 54.8 -4.2
SOC		e	P	20 45 24.9
SOC		ePPP	P	20 47 10.3
SOC		eS	P	20 52 03.4 -0.4
SOC		eSS	P	20 52 29.5 +5.7
SOC		eSS	P	20 56 43.6 -0.4
SOC		ePmax	Pmax	
SOC	comp=Z,12nm,0.7s			
SOC		MLR	MLR	
NACGM	Naroch	72.88 326 P	P	20 42 42.4 +0.3
NC303	NORSAR Array S	74.39 327 Iamb	Iamb	20 42 51.6
NC303	comp=Z,61nm,0.9s,baz=50			
DOMB	Dombas	74.36 339 eP	P	20 42 51.3 +0.6
HFS	Hagfors	74.36 335 P	P	20 42 50.7 0.0
HFS	comp=Z,18nm,0.8s,baz=62,slo=6.9,SNR=33			
HFS		LR	LR	21 17 51.9
MOL	Molde	74.38 339 eP	P	20 42 51.7 +0.9
AK03	Malin Array Si	74.38 322 P	P	20 42 50.5 -0.5
AK03	Kop. Dab	74.38 328 P	P	20 42 51.2 +0.1
AK03	Malin Array Be	74.39 322 P	P	20 42 50.8 -0.2
AKASG	comp=Z,16nm,0.7s,baz=48,slo=5.9,SNR=110			
AKASG		LR	LR	21 18 25.3
AKASG	comp=Z,95nm,18.8s,baz=42,slo=36			
AKASG	Malin Array Be	74.39 322 P	P	20 42 50.0 -1.0
AKASG		Iamb	Iamb	20 42 52.0
AKASG	comp=Z,10nm,0.9s			
AKASG	Malin Array Be	74.39 322 P	P	20 42 50.7 -0.4
AKASG		ePmax	Pmax	
AKASG	comp=Z,16nm,0.6s			
AKB	Malin Array Si	74.39 322cP	P	20 42 50.7 -0.4
AKB	Malin Array Si	74.39 322 P	P	20 42 50.6 -0.5
AK23	Malin Array Si	74.41 322 P	P	20 42 50.2 -0.5
AK01	Malin Array Si	74.41 322 P	P	20 42 50.0 -0.4
KIEV	Kiev	74.41 322 P	P	20 42 50.9 -0.3
KIEV	Kiev	74.41 322 P	P	20 42 51.0 -0.3
KIEV	SNR=17			
KIEV	Kiev	74.41 322 P	P	20 42 50.8 -0.3
KIEV	Kiev	74.41 322 P	P	20 42 50.7 -0.4
KIEV	comp=Z,153nm,1.1s			
KIEV	Kiev	74.41 322 P	P	20 42 50.8 -0.3
AK04	Malin Array Si	74.41 322 P	P	20 42 50.7 -0.4
AK09	Malin Array Si	74.42 322 P	P	20 42 51.2 +0.1
AK08	Malin Array Si	74.42 322 P	P	20 42 50.8 -0.4
AK02	Malin Array Si	74.43 322 P	P	20 42 50.8 -0.5
AK22	Malin Array Si	74.43 322 P	P	20 42 50.8 -0.5
FFC	Flin Flon	74.46 32 P	P	20 42 51.8 +0.4
FFC		Iamb	Iamb	20 42 53.1

FFC	comp=Z,10nm,0.8s	74.46 32 P	P	20 42 51.8 +0.4
FFC		Pmax	Pmax	
NB2	comp=Z,10nm,0.9s	74.48 337 P	P	20 42 51.4 0.0
NB2	NORSAR Subarra	74.48 337 P	P	20 42 51.4 0.0
NB2	NORSAR Subarra	74.48 337 P	P	20 42 51.4 0.0
NB2	NORSAR Subarra	74.48 337 P	P	20 42 51.3 -0.1
NOA	comp=Z,5.0nm,0.8s			
NOA	NORSAR Array B	74.48 337 P	P	20 42 51.7 +0.2
NOA	comp=Z,18nm,0.7s,baz=39,slo=5.8,SNR=81			
NOA		LR	LR	21 18 29.2
MZR	Muzera	74.60 287 P	P	20 42 52.2 -0.5
MZR	SNR=1.1			
NORES	NORESS Array B	74.61 337 P	P	20 42 52.2 +0.1
NAO01	NORSAR Array S	74.73 337 Iamb	Iamb	20 42 53.9
FCC	Fort Churchill	74.73 26 Iamb	Iamb	20 42 53.9
FCC		Iamb	Iamb	20 42 53.9
SUMT	comp=Z,7.7nm,0.7s	75.05 327 eP	P	20 42 55.7 +0.9
DLMT	Dillon	75.11 44 Iamb	Iamb	20 42 57.9
SIM	Simferopol	75.33 315 eP	P	20 42 56.3 -0.3
SIM		ePmax	Pmax	
BOZ	comp=Z,33nm,0.9s			
BOZ	Bozeman (W)	75.51 44 Iamb	Iamb	20 43 00.2
BOZ	SNR=1.0			
KVN	Kaiserville	75.52 52 Iamb	Iamb	20 44 01.4
RNPP	Ropahy	75.55 324 P	P	20 42 57.6 -0.1
LUBAR	Lubar, Ukraine	75.62 322 P	P	20 42 58.0 -0.1
RNPP	Varash	75.62 324 P	P	20 42 57.8 -0.3
RNPP	Staryi Chortor	75.67 324 P	P	20 42 58.0 -0.4
NVAR	Minia Array Be	75.75 53 P	P	20 43 00.4 +1.0
NVAR	comp=Z,3.9nm,0.7s,baz=295,slo=5.6,SNR=9.6			
NVAR		LR	LR	21 12 38.7
BAL3	Balsk, Balti	75.95 320 P	P	20 43 00.1 +0.1
STRU	Stroemstad	76.03 336 P	P	20 43 00.4 +0.2
KONO	Kongsberg	76.07 337 eP	P	20 43 01.0 +0.5
KONO	Kongsberg	76.07 337 P	P	20 43 00.7 +0.2
ELK	Elko	76.32 49 P	P	20 43 04.4 +1.8
BLEU	Blekinge	76.44 332 P	P	20 43 02.1 -0.5
SORM	Soroca	76.47 320 P	P	20 43 02.0 -0.4
SORM	Soroca	76.47 320 P	P	20 43 02.6 -0.4
SORM	Soroca	76.47 320 P	P	20 43 02.3 -0.7
SORM	comp=Z,424nm,comp=Z,31nm,0.9s			
SJFD	Kangerlussuaq	76.47 5 LR	LR	21 18 58.7
SJFD	comp=Z,16m,18.9s,baz=138,slo=5.7			
SJFD	Kangerlussuaq	76.47 5 Iamb	Iamb	20 43 03.6 +0.9
SJFD		Iamb	Iamb	20 43 03.8
SJFD	comp=Z,16nm,1.0s			
SJFD	Kangerlussuaq	76.47 5 P	P	20 43 03.2 +0.5
SJFD		P	P	20 43 04.8 +0.5
BORU	Boraas	76.56 334 P	P	20 43 03.1 -0.2
DSP	Deep Springs	76.58 53 Iamb	Iamb	20 43 59.0
TJOU	Tjoern	76.65 335 P	P	20 43 03.1 -0.7
PURM	Purari	76.69 318 P	P	20 43 04.1 -0.2
PURM	Purari	76.69 318 P	P	20 43 04.1 -0.2
ONAU	Onsala	77.04 334 P	P	20 43 05.5 -0.5
DEL	Delary	77.04 333 P	P	20 43 05.9 -0.1
FABU	Fabun	77.06 334 P	P	20 43 05.9 -0.2
RLMT	Red Lodge	77.11 43 Iamb	Iamb	20 43 09.7
KMPD	K-Podol'skiy	77.15 322 P	P	20 43 05.9 -0.9
BZK	Bokzur	77.21 313 P	P	20 43 07.7 +0.4
BZK	Bozkurt	77.21 313 P	P	20 43 07.4 +0.1
BZK	comp=Z,488nm,comp=Z,37nm,0.8s			
HOMB	Homborsund	77.50 336 P	P	20 43 08.8 +0.2
BEL	Belsk	77.60 327 eP	P	20 43 10.3 +1.1
LUNU	Lund	77.83 333 P	P	20 43 10.7 +0.3
SNART	Snartemo	77.85 337 eP	P	20 43 11.4 +0.8
SNART	Snartemo	77.85 337 P	P	20 43 11.4 +0.8
BNN	Bunyan	77.98 310 Iamb	Iamb	20 43 13.6
BNN	comp=Z,12nm,0.9s			
PRAR	PRASCA	78.06 321 P	P	20 43 12.0 +0.1
VLDR	Vladivostok	78.09 319 P	P	20 43 12.6 +0.5
GKP	Gorki Klasztor	78.10 329 P	P	20 43 12.6 +0.5
BORG	Borgarnes	78.12 352 P	P	20 43 14.4 +2.5
BORG		P	P	20 43 23.9 +2.6
GAZ	Gaziantep	78.13 307 Iamb	Iamb	20 43 14.6
COP	Copenhagen	78.17 333 P	P	20 43 13.3 +1.0
COP		Iamb	Iamb	20 43 13.5
GIRR	Girov	78.19 320 P	P	20 43 13.1 +0.4
SCTR	Scantelesti	78.25 319 P	P	20 43 13.7 +0.7
KWP	Kalwarja Pacia	78.25 324 P	P	20 43 13.7 +0.7
KWP	Kalwarja Pacia	78.25 324 P	P	20 43 13.5 +0.5
KWP	Kalwarja Pacia	78.25 324 P	P	20 43 13.5 +0.5
GHRH	Ghera	78.30 319 P	P	20 43 14.5 +1.2
GHRH	Ghera	78.30 319 P	P	20 43 14.1 +0.8
BUR08	Bucovina Ar. S	78.39 321 Iamb	Iamb	20 43 15.4
BURAR	Bucovina Array	78.40 321 P	P	20 43 14.3 +0.4
BURAR	Bucovina Array	78.40 321 P	P	20 43 13.9 -0.1
BURAR	Bucovina Array	78.40 321 Iamb	Iamb	20 43 15.7
BURAR	comp=Z,14nm,0.9s			
BURAR	Bucovina Array	78.40 321 P	P	20 43 14.3 +0.4
TESR	Tescani	78.40 320 P	P	20 43 14.0 +0.1
TESR	Tescani	78.40 320 P	P	20 43 13.9 +0.1
PDAR	Pinedale Array	78.44 45 P	P	20 43 15.5 +1.1
PDAR	comp=Z,33nm,0.9s			

Code	Station Name	Δ ^s	AZ ^s	Phase	ID	Time	Res
						h m s	ISC
EMAZ	Mazaricos	0.34	218	↑Pg	Op	21 18 17.7	+0.3
EMAZ					Pb	21 18 22.0	+2.1
EMAZ					Sg	21 18 23.2	
					Op	21 18 23.2	
STS	Santiago	0.34	162	↑Pg	Pb	21 18 16.4	+1.5
STS					Sg	21 18 19.2	+0.1
EAGO	Agolada(Pontev)	0.60	133	↑Pg	Pb	21 18 19.8	+0.5
EAGO					Sg	21 18 24.8	-2.2
EAGO					Op	21 18 29.0	
EZAM	Zamans	1.06	180	↑Pg	Pb	21 18 27.9	+0.2
EZAM					Sg	21 18 40.4	-1.2
EZAM					Op	21 18 43.3	
EPON	Pontenova	1.13	84	↑Pg	Pb	21 18 28.3	-0.7
EPON					Sg	21 18 42.0	-1.7
EPON					Op	21 18 44.4	
PGAV	Gaveiria, Arco	1.28	166	↑Pg	Pb	21 18 30.8	-1.1
PGAV					Sg	21 18 48.4	-0.3
PGAV					Op	21 18 49.0	
PGAV					IAML	21 18 49.6	
PGAV					IAML	21 18 50.6	
PGAV					IAML	21 18 51.6	
PGAV					IAML	21 18 52.6	
PGAV					IAML	21 18 53.6	
PGAV					IAML	21 18 54.6	
PGAV					IAML	21 18 55.6	
PGAV					IAML	21 18 56.6	
PGAV					IAML	21 18 57.6	
PGAV					IAML	21 18 58.6	
PGAV					IAML	21 18 59.6	
PGAV					IAML	21 19 00.6	
PGAV					IAML	21 19 01.6	
PGAV					IAML	21 19 02.6	
PGAV					IAML	21 19 03.6	
PGAV					IAML	21 19 04.6	
PGAV					IAML	21 19 05.6	
PGAV					IAML	21 19 06.6	
PGAV					IAML	21 19 07.6	
PGAV					IAML	21 19 08.6	
PGAV					IAML	21 19 09.6	
PGAV					IAML	21 19 10.6	
PGAV					IAML	21 19 11.6	
PGAV					IAML	21 19 12.6	
PGAV					IAML	21 19 13.6	
PGAV					IAML	21 19 14.6	
PGAV					IAML	21 19 15.6	
PGAV					IAML	21 19 16.6	
PGAV					IAML	21 19 17.6	
PGAV					IAML	21 19 18.6	
PGAV					IAML	21 19 19.6	
PGAV					IAML	21 19 20.6	
PGAV					IAML	21 19 21.6	
PGAV					IAML	21 19 22.6	
PGAV					IAML	21 19 23.6	
PGAV					IAML	21 19 24.6	
PGAV					IAML	21 19 25.6	
PGAV					IAML	21 19 26.6	
PGAV					IAML	21 19 27.6	
PGAV					IAML	21 19 28.6	
PGAV					IAML	21 19 29.6	
PGAV					IAML	21 19 30.6	
PGAV					IAML	21 19 31.6	
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PGAV					IAML	21 19 34.6	
PGAV					IAML	21 19 35.6	
PGAV					IAML	21 19 36.6	
PGAV					IAML	21 19 37.6	
PGAV					IAML	21 19 38.6	
PGAV					IAML	21 19 39.6	
PGAV					IAML	21 19 40.6	
PGAV					IAML	21 19 41.6	
PGAV					IAML	21 19 42.6	
PGAV					IAML	21 19 43.6	
PGAV					IAML	21 19 44.6	
PGAV					IAML	21 19 45.6	
PGAV					IAML	21 19 46.6	
PGAV					IAML	21 19 47.6	
PGAV					IAML	21 19 48.6	
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PGAV					IAML	21 19 50.6	
PGAV					IAML	21 19 51.6	
PGAV					IAML	21 19 52.6	
PGAV					IAML	21 19 53.6	
PGAV					IAML	21 19 54.6	
PGAV					IAML	21 19 55.6	
PGAV					IAML	21 19 56.6	
PGAV					IAML	21 19 57.6	
PGAV					IAML	21 19 58.6	
PGAV					IAML	21 19 59.6	
PGAV					IAML	21 20 00.6	
PGAV					IAML	21 20 01.6	
PGAV					IAML	21 20 02.6	
PGAV					IAML	21 20 03.6	
PGAV					IAML	21 20 04.6	
PGAV					IAML	21 20 05.6	
PGAV					IAML	21 20 06.6	
PGAV					IAML	21 20 07.6	
PGAV					IAML	21 20 08.6	
PGAV					IAML	21 20 09.6	
PGAV					IAML	21 20 10.6	
PGAV					IAML	21 20 11.6	
PGAV					IAML	21 20 12.6	
PGAV					IAML	21 20 13.6	
PGAV					IAML	21 20 14.6	
PGAV					IAML	21 20 15.6	
PGAV					IAML	21 20 16.6	
PGAV					IAML	21 20 17.6	
PGAV					IAML	21 20 18.6	
PGAV					IAML	21 20 19.6	
PGAV					IAML	21 20 20.6	
PGAV					IAML	21 20 21.6	
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PGAV					IAML	21 20 28.6	
PGAV					IAML	21 20 29.6	
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PGAV					IAML	21 20 31.6	
PGAV					IAML	21 20 32.6	
PGAV					IAML	21 20 33.6	
PGAV					IAML	21 20 34.6	
PGAV					IAML	21 20 35.6	
PGAV					IAML	21 20 36.6	
PGAV					IAML	21 20 37.6	
PGAV					IAML	21 20 38.6	
PGAV					IAML	21 20 39.6	
PGAV					IAML	21 20 40.6	
PGAV					IAML	21 20 41.6	
PGAV					IAML	21 20 42.6	
PGAV					IAML	21 20 43.6	
PGAV					IAML	21 20 44.6	
PGAV					IAML	21 20 45.6	
PGAV					IAML	21 20 46.6	
PGAV					IAML	21 20 47.6	
PGAV					IAML	21 20 48.6	
PGAV					IAML	21 20 49.6	
PGAV					IAML	21 20 50.6	
PGAV					IAML	21 20 51.6	
PGAV					IAML	21 20 52.6	
PGAV					IAML	21 20 53.6	
PGAV					IAML	21 20 54.6	
PGAV					IAML	21 20 55.6	
PGAV					IAML	21 20 56.6	
PGAV					IAML	21 20 57.6	
PGAV					IAML	21 20 58.6	
PGAV					IAML	21 20 59.6	
PGAV					IAML	21 21 00.6	
PGAV					IAML	21 21 01.6	
PGAV					IAML	21 21 02.6	
PGAV					IAML	21 21 03.6	
PGAV					IAML	21 21 04.6	
PGAV					IAML	21 21 05.6	
PGAV					IAML	21 21 06.6	
PGAV					IAML	21 21 07.6	
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PGAV					IAML	21 21 16.6	
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PGAV					IAML	21 21 28.6	
PGAV					IAML	21 21 29.6	
PGAV					IAML	21 21 30.6	
PGAV					IAML	21 21 31.6	
PGAV					IAML	21 21 32.6	
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PGAV					IAML	21 21 38.6	
PGAV					IAML	21 21 39.6	
PGAV					IAML	21 21 40.6	</

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for Crows Nest Can, Italian Canyon, McKenzie Canyon, Blue Mountains, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for J05D, HOOD, WIFE, WIFE, WIFE, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for LHMI, TPTI, PSI, CMAR, MKAR, WRA, KURBB, ASAR, ZALV, FINES, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like MNAI, CM31, CMAR, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like GTA2, N2J, Nanjing, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like RAYN, BVAR, AB31, etc.

IDC 03 23:52:52.0.9.9, 381.65N-141.88E, h0km, mb3.4/3, mbmp3.3/4, ML2.0/1, MS2.9/1, Error ellipse: s-maj=179.7km s-min=36.6km az=117.0

JMA 03 23:52:57.9.0.1, 381.3N-141.8E, h0.5, h56km, MV3.3/39, E OFF MIYAGI PREF

ISC 03 23:52:57.6.1.7, 38.25N, 141.9E, 0.1, h51km, 9km, n19, e1932/30, mb3.4/3, 9D, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like IJIKH Ishinomakikobu, JIO Ouri, JKM Kesennumamotoy, etc.

IDC 03 23:53:50.2.3.3, 154Sx179.11E, h0km, mb3.7/3, mbmp3.7/3, Error ellipse: s-maj=69.8km s-min=40.1km az=43.0, Off east coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ASAR Alice Springs, WRA Warrungarra Arr, QSPA South Pole Qui, etc.

IDC 04 00:02:49.8.1.7, 6.53S, 128.78E, h238km, 18km, mb3.2/4, mbmp4.2/9, Error ellipse: s-maj=29.4km s-min=14.3km az=86.0

NEIC 04 00:02:50.2.1.7, 6.45S, 128.8E, 0.1, h256km, gkm, mb4.2/5, Error ellipse: s-maj=16.4km s-min=9.9km az=125.0

ISC 04 00:02:49.2.0.7, 6.47S, 128.78E, 0.06, h250km, n34, e230/41, mb3.5/4, Banda Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like FAKI Fak Fak, SOEI Soe, SIUJ Sorong, BATI Baumata, etc.

KRNET 04 00:11:30.7.0.1, 42.00N, 72.02E, h23km, mb2.3

SOME 04 00:11:30.8, 42.02N, 72.07E, h10km

NINC 04 00:11:31.7.0.6, 42.11N, 72.07E, h0km, mb2.9, mpv2.9, Error ellipse: s-maj=9.6km s-min=2.2km az=164.0

ISC 04 00:11:30.8.1.0, 42.01N, 72.07E, 0.03, h12km, 13km, n21, e1925/36, 15C-1D, Kyrgyzstan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ARK Arkit, ARK Manas, MNAS Manas.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Terek-Say, MRKS Merke, MRKS Merke, etc.

NOU 04 00:16:01.0.39, 56S, 174.24E, h199km, MLV3.7/10, North Island, New Zealand

WEL 04 00:16:02.0.2.9, 39.8S, 177.4E, 1.0, h187km, 7km, M3.1/9, ML2.7E, MLV3.1/9, Error ellipse: s-maj=15.3km s-min=5.3km az=127.5, confirmed

ISC 04 00:15:57.6.1.8, 39.49S, 176.17E, 0.06, h229km, 10km, n103, e1967/123, North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like LREZ Lake Rotokare, HUKS Huiakama Schoo, WRZ Vera Road, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MUGZ Gurupara, RAHZ Arahi, RTZ Raatuhuna, etc.

REN 04 00:49:05.7.2.4, 38.14N, 118.03W, 0.01, h82km, 2km, Error ellipse: s-maj=1.6km s-min=1.5km az=208.0

NEIC 04 00:49:05.3.2.3, 38.15N, 118.01W, 0.01, h9km, 9km, ML3.4/1, ML3.6/1, (REN), Error ellipse: s-maj=2.0km s-min=1.7km az=201.0, California-Nevada border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like COLR Columbus, NV11 Mina Array Sit, NV06 Mina Array Sit, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like CCCA, SHPR, BBGB, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like SSNC, SFDR, SODR, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ABDR, LOPPI, SDDR, etc.

NEIC 04 01:16:47.5±2.8, 16:09S±0.07°173.68W±0.07, h76km±5km, mb4.8/42, Error ellipse: s-maj=13.3km s-min=5.6km az=46.0

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like NIUE, MSVF, MSV, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like WRA, WRA, AS31, ASAR, etc.

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comp=2.6um,18.0s					
O28M Mount Upton	29.12 337	P	P	01 38 12.6	0.0
Q54A Cows Mills	29.16 72	IAMS_20	IAMS_20	01 48 55.2	
BRWY Burwash Landin	29.23 339	P	P	01 38 12.9	-0.4
MESA MESA	29.27 335	P	P	01 38 13.3	-0.5
V55A Taylorsville	29.27 79	IAMS_20	IAMS_20	01 50 24.2	
KM5C Kings Mountain	29.31 80	IAMS_20	IAMS_20	01 49 29.2	
YUK8 Steele Glacie	29.38 338	P	P	01 38 14.9	0.0
O54A Avella	29.43 70	IAMS_20	IAMS_20	01 49 18.3	
M30M Minto, Yukon	29.60 342	P	P	01 38 16.2	-0.4
BLA Blacksburg	29.68 76	IAMS_20	IAMS_20	01 48 51.1	
TEIG Tepich	29.80 113	IAMS_20	IAMS_20	01 51 42.3	
M29M Somme Creek	29.93 340	IAMS_20	IAMS_20	01 49 40.6	
M29M Somme Creek	29.93 340	P	P	01 38 18.7	-0.8
YUK3 Moose Creek	29.98 338	P	P	01 38 19.6	-0.5
KAIM Kayak Island	29.98 333	P	P	01 38 18.6	-1.2
TGL Tana Glacier	29.98 335	IAMS_20	IAMS_20	01 50 10.1	
CRQE Cirque	30.07 335	P	P	01 38 19.9	-0.9
CRQM Cirque	30.09 335	IAMS_20	IAMS_20	01 50 13.4	
257A Skidaway Islan	30.33 86	IAMS_20	IAMS_20	01 50 59.4	
RAGM Ragged Mountai	30.38 333	IAMS_20	IAMS_20	01 49 31.6	
W57A Gilead	30.38 80	IAMS_20	IAMS_20	01 50 17.0	
L29M L29M	30.39 341	IAMS_20	IAMS_20	01 50 03.6	
L29M L29M	30.39 341	P	P	01 38 23.0	-0.5
SADO Sadowa	30.39 61	LR	LR	01 51 20.8	
Q23K Middleton Isla	30.40 331	P	P	01 38 22.6	-0.9
Q56A Snyder Ridge,	30.43 72	IAMS_20	IAMS_20	01 49 38.9	
MCARA McCarthy VSAT	30.50 336	IAMS_20	IAMS_20	01 50 38.7	
MCARA McCarthy VSAT	30.50 336	P	P	01 38 24.3	-0.2
VRDI Verde Repeater	30.54 335	IAMS_20	IAMS_20	01 50 29.6	
BVCY Beaver Creek	30.59 339	P	P	01 38 23.8	-1.5
NHSC New Hope	30.71 84	IAMS_20	IAMS_20	01 50 20.3	
BMRM Bremner River	30.75 334	IAMS_20	IAMS_20	01 50 13.4	
BMRM Bremner River	30.75 334	P	P	01 38 26.1	-0.6
GLB Gilaahna Butte	30.81 335	IAMS_20	IAMS_20	01 50 46.8	
K29M Barlow Dome	30.84 343	P	P	01 38 26.6	-1.1
M27K Edge Creek, AK	30.85 338	IAMS_20	IAMS_20	01 51 12.0	
M27K Edge Creek, AK	30.85 338	P	P	01 38 26.6	-1.1
EYAK Cordova Ski Ar	30.89 333	P	P	01 38 31.7	+3.8
EYAK Cordova Ski Ar	30.89 333	IAMS_20	IAMS_20	01 49 55.0	
EYAK Cordova Ski Ar	30.89 333	P	P	01 38 26.6	-1.2
Y58A Scranton	30.92 82	IAMS_20	IAMS_20	01 50 38.9	
V58A Windy Hill, Pi	30.96 78	IAMS_20	IAMS_20	01 51 16.8	
X58A Rowland	31.04 81	IAMS_20	IAMS_20	01 50 57.9	
HIN Hinchinbrook I	31.07 332	IAMS_20	IAMS_20	01 50 12.8	
P23K Montague Islan	31.17 331	P	P	01 38 28.6	-1.7
J30M Hart River	31.19 344	IAMS_20	IAMS_20	01 50 18.0	
J30M Hart River	31.19 344	P	P	01 38 31.6	+0.9
N25K Chitina, Vt	31.19 335	P	P	01 38 30.8	+0.1
M26K Nabesna, AK	31.23 337	IAMS_20	IAMS_20	01 51 01.1	
M26K Nabesna, AK	31.23 337	P	P	01 38 31.6	+0.6
DIV Divide	31.28 334	IAMS_20	IAMS_20	01 50 20.4	
DWPF Disney Wildern	31.31 94	IAMS_20	IAMS_20	01 52 02.4	
L27K Beaver Creek,	31.37 339	P	P	01 38 32.0	-0.2
DAWY Dawson	31.50 342	P	P	01 38 32.8	-0.4
J29N Klondike Camp	31.52 343	IAMS_20	IAMS_20	01 52 03.7	
BLKN Baker Lake	31.55 18	P	P	01 38 32.0	-1.6
BLKN		Amb	Amb	01 38 38.6	
R58B Mineral	31.58 74	IAMS_20	IAMS_20	01 50 14.2	
KLU Klutina	31.58 334	IAMS_20	IAMS_20	01 50 40.2	
KLU Klutina	31.58 334	P	P	01 38 33.5	-0.6
GLI Glacier Island	31.61 332	P	P	01 38 34.5	+0.3
APG El Apazote	31.65 123	LR	LR	01 51 50.9	
I30M Mount Dempster	31.76 345	P	P	01 38 35.8	+0.1
L26K Log Cabin Wild	31.80 338	IAMS_20	IAMS_20	01 51 59.2	
M57A Sunshine Farm,	31.84 67	IAMS_20	IAMS_20	01 50 56.9	
MENT Mentasta	31.86 337	P	P	01 38 39.8	+3.4
H31M Peel River	31.87 347	IAMS_20	IAMS_20	01 50 53.0	
H31M Peel River	31.87 347	P	P	01 38 37.3	+0.8
HARP HAARP	31.94 336	IAMS_20	IAMS_20	01 52 04.6	
HARP HAARP	31.94 336	P	P	01 38 37.1	0.0
CBN Corbin Frederi	31.94 73	IAMS_20	IAMS_20	01 50 48.8	
SEW Seward	32.06 330	P	P	01 38 38.5	+0.3
Y60A Bolivia	32.07 81	IAMS_20	IAMS_20	01 52 34.2	
M24K Tolsona, Glenn	32.08 335	IAMS_20	IAMS_20	01 51 17.5	
M24K Tolsona, Glenn	32.08 335	P	P	01 38 38.6	+0.1
N58A Sumbury	32.18 68	IAMS_20	IAMS_20	01 51 34.9	
K27K Chicken	32.19 340	IAMS_20	IAMS_20	01 51 10.5	
KDAK Kodiak Island	32.21 325	LR	LR	01 50 35.1	
KDAK Kodiak Island	32.21 325	IAMS_20	IAMS_20	01 51 02.0	
KDAK Kodiak Island	32.21 325	eP	P	01 38 36.8	-2.7
KDAK		pmax	pmax		
KDAK		MLR	MLR		
KDAK Kodiak Island	32.21 325	P	P	01 38 39.5	0.0
K57A Scipio Center	32.24 65	IAMS_20	IAMS_20	01 52 23.6	
OHAK Old Harbor	32.29 323	P	P	01 38 43.8	+3.6
OHAK Old Harbor	32.29 323	P	P	01 38 40.2	-0.1

I29M Ogilvie Camp,	32.31 344	IAMS_20	IAMS_20	01 51 03.4	
I29M Ogilvie Camp,	32.31 344	P	P	01 38 40.1	-0.2
SCM Sheep Creek Mo	32.31 334	IAMS_20	IAMS_20	01 50 52.5	
SCM Sheep Creek Mo	32.31 334	P	P	01 38 39.7	-0.7
O22K Cooper Landing	32.39 330	IAMS_20	IAMS_20	01 50 25.6	
O22K Cooper Landing	32.39 330	P	P	01 38 41.4	+0.4
BRSE Bradley Lake S	32.39 329	P	P	01 38 41.0	-0.2
M23K Glacier View	32.43 333	P	P	01 38 41.8	+0.4
PAX Paxson	32.44 336	IAMS_20	IAMS_20	01 52 33.0	
PAX Paxson	32.44 336	P	P	01 38 41.8	+0.2
SII Sitkinak Islan	32.45 322	P	P	01 38 46.6	+4.9
SII Sitkinak Islan	32.45 322	P	P	01 38 42.0	+0.3
KNK Knik Glacier	32.46 332	P	P	01 38 42.0	+0.2
DOT Dot Lake	32.48 338	IAMS_20	IAMS_20	01 52 37.2	
SLKM Skid Lake	32.61 330	IAMS_20	IAMS_20	01 50 24.4	
J57A Williamstown	32.61 63	IAMS_20	IAMS_20	01 50 48.4	
O60A Indian River	32.61 95	IAMS_20	IAMS_20	01 53 43.8	
SML Sawmill	32.66 333	IAMS_20	IAMS_20	01 50 52.7	
SML Sawmill	32.66 333	P	P	01 38 43.9	+0.4
SCRK Sand Creek	32.70 339	IAMS_20	IAMS_20	01 53 09.9	
SCRK Sand Creek	32.70 339	P	P	01 38 44.6	+0.6
HOM Homer	32.73 328	P	P	01 38 44.3	+0.2
RC01 Rabbit Creek A	32.75 331	IAMS_20	IAMS_20	01 50 57.2	
RC01 Rabbit Creek A	32.75 331	P	P	01 38 44.2	-0.1
I28M Miner Creek	32.76 343	P	P	01 38 45.2	+0.8
RIDG Independent Ri	32.79 338	IAMS_20	IAMS_20	01 51 10.2	
RIDG Independent Ri	32.79 338	P	P	01 38 45.3	+0.7
PMR Palmer	32.82 332	P	P	01 38 47.2	+2.4
PMR Palmer	32.82 332	P	P	01 38 45.7	+0.8
EPYK Eagle Plains	32.83 346	P	P	01 38 46.0	+1.0
G31M Satah River	32.87 348	P	P	01 38 45.9	+0.7
CHIR Chirikof Islan	32.90 320	IAMS_20	IAMS_20	01 51 09.1	
CHIR Chirikof Islan	32.90 320	P	P	01 38 46.2	+0.7
WAT6 Susitna Watana	32.95 335	P	P	01 38 47.1	+1.0
H29M Whitestone	33.05 345	IAMS_20	IAMS_20	01 50 60.0	
H29M Whitestone	33.05 345	P	P	01 38 46.9	+0.1
K24K Donnelly Dome	33.13 337	IAMS_20	IAMS_20	01 52 54.1	
K24K Donnelly Dome	33.13 337	P	P	01 38 48.3	+0.7
CAPN Captain Cook N	33.13 330	P	P	01 38 47.7	+0.1
DHY Denali Highway	33.15 335	P	P	01 38 48.4	+0.5
F31M Tsigiehtechic	33.25 349	P	P	01 38 49.2	+0.7
Q19K Cape Douglas,	33.25 326	P	P	01 38 49.2	+0.5
G30M Aloh Zraji Nji	33.27 347	P	P	01 38 49.1	+0.3
I27K Kandik River	33.30 342	IAMS_20	IAMS_20	01 53 45.7	
I27K Kandik River	33.30 342	P	P	01 38 49.6	+0.5
L59A Walton River	33.35 66	IAMS_20	IAMS_20	01 51 02.0	
O20K Slope Mountain	33.38 328	P	P	01 38 49.8	0.0
WAT1 Susitna Watana	33.39 334	P	P	01 38 49.2	-0.7
P19K Oil Pt	33.42 327	P	P	01 38 50.3	+0.1
I26K Coal Creek Min	33.47 341	IAMS_20	IAMS_20	01 52 29.4	
G29M Pine Creek	33.56 345	P	P	01 38 51.9	+0.6
J25K Salcha River,	33.58 339	IAMS_20	IAMS_20	01 54 02.1	
J25K Salcha River,	33.58 339	P	P	01 38 52.0	+0.4
LONN Lake Ozonia	33.63 61	IAMS_20	IAMS_20	01 51 38.4	
CUT Chulitna	33.75 333	IAMS_20	IAMS_20	01 51 35.4	
CUT Chulitna	33.75 333	P	P	01 38 53.1	+0.2
F30M Barrier River	33.75 347	IAMS_20	IAMS_20	01 53 19.6	
F30M Barrier River	33.75 347	P	P	01 38 53.6	+0.7
P61A Hammondton	33.75 70	IAMS_20	IAMS_20	01 51 17.7	
Q16K Katmai Hardscr	33.75 325	P	P	01 38 53.3	+0.2
H27K Steamboat Moun	33.78 343	P	P	01 38 53.7	+0.5
SPCR Spurr Chakacha	33.80 330	P	P	01 38 54.2	+0.6
RND Reindeer	33.87 335	IAMS_20	IAMS_20	01 53 11.8	
HDA Harding Lake	33.92 337	IAMS_20	IAMS_20	01 53 10.0	
HDA Harding Lake	33.92 337	P	P	01 38 55.0	+0.6
R17L Mt. Peulik Vol	33.97 323	P	P	01 38 55.1	+0.1
SKT Skwentna	33.97 332	P	P	01 38 55.1	+0.1
Q17K Contact Creek	34.00 332	P	P	01 38 54.4	-0.9
L22K Petersburg	34.01 333	IAMS_20	IAMS_20	01 51 34.3	
L22K Petersburg	34.01 333	P	P	01 38 56.0	+0.8
INK Inuvik	34.01 349	LR	LR	01 54 57.0	
INK Inuvik	34.01 349	P	P	01 38 55.5	+1.4
INK Inuvik	34.01 349	P	P	01 38 55.	

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like G23K Bananza Creek, L64A Middleborough, I63A Otisfield, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like F18K Selavik, K13K Kusivuk Mount, H16K Elim, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like ROSC El Rosal, SHEM Shemya Is, SDV Santo Domingo, etc.

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., S/N, SNR, SNR=8.5).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., S/N, SNR, SNR=6.2).

Table with columns for station code, name, frequency, and various signal quality metrics (e.g., S/N, SNR, SNR=3.0).

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like CAEL, IZZE, APMY, NAXI, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like ASAR, MORW, MKAR, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like CCA, DTP, QSM, etc.

IDC 04 02:08:20.3,0.9, 12.70N, 121.11E, h0km, mb3.78, mbmp3.8/8, Error ellipse: s-maj=37.2km s-min=12.6km az=76.0

NEIC 04 02:08:21.7,1.3, 12.79N, 121.3E, 0.2, h10km, 1km, mb4.6/18, Error ellipse: s-maj=27.0km s-min=14.0km az=250.0

MAN 04 02:08:23.0, 12.72N, 121.04E, h15km, MS3.3 MAN INTENSITY III - CALINTAN OCCIDENTAL MINDORO; INTENSITY II - RIZAL OCCIDENTAL MINDORO; BASUD ORIENTAL MINDORO.

ISC 04 02:08:20.7, 1.3, 12.73N, 121.03E, 0.0, h5km, gkm, n47, c1875/57, mb4.4/18, Mindoro

IDC 04 02:27:53.9, 0.7, 36.11N, 117.99W, h0km, mb4.1/9, mbmp4.0/15, ML3.6/6, MS4.1/2, Error ellipse: s-maj=14.6km s-min=7.2km az=75.0

NEIC 04 02:27:54.4, 0.9, 36.15N, 118.00W, 0.0, 0.01, h5km, 1km, mb4.3/35, ML4.1/140, Mw1.4/70, Mw4.2/6(PAS), Error ellipse: s-maj=2.3km s-min=1.6km az=75.0, Moment Tensor Solution. Moment tensor: Scale 10^15 Nm; M1: -1.26; M2: 0.36; M3: 1.62; M4: -0.16; M5: 0.47; M6: 0.69;

Fault plane solution: Mo1: 70000x1015 NP1: 0.177, 85000, 358, 56000, -1, 108, 73000. NP2: 0.30, 88000, -836, 10000, -1, 62, 29000. Principal axes: T 0.654, P1g 1.2, 0.000, Azm 281.0000, N -0.3803, P1g 16.0000, Azm 188.0000; P -1.781, P1g 7.0000, Azm 46.0000.

PAS 04 02:27:54.6, 0.7, 36.150N, 0.008W, 117.98W, 0.01, h2km, 1km Error ellipse: s-maj=1.5km s-min=0.9km az=46.0

NEIC 04 02:27:54.3, 36.16N, 117.96W, h10km ISC 04 02:27:54.6, 0.8, 36.15N, 0.02, 117.96W, 0.02, h11km, 5km, n171, c1802/188, mb4.3/26, California-Nevada border region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like MFS, WORM, WRCM, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res. Includes stations like DANC, WAKR, PRN, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like H11N1 WAKE ISLAND, H11N2 WAKE ISLAND, H11N3 WAKE ISLAND, MKAR Makanchi Array, etc.

TEH 04 03:30:38.4, 34.69N, 45.65E, h11km, 32km, ML3.4, Presumed earthquake

ISC 04 03:30:43.9, 2.3, 34.41N, 45.63E, h21km, 21km, ML3.5, Presumed earthquake

ISC 04 03:30:39.3, 1.1, 34.69N, 0.05, 45.65E, 0.05, h18km, n13, e1523/17, Iran-Iraq border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IDHR Dehrash, IGHG Galeghazi, ILBA Ilam Banvizeh, etc.

TEH 04 03:40:56.8, 33.46N, 45.83E, h10km, 999km, ML2.8, Presumed earthquake

ISC 04 03:40:58.8, 1.2, 33.49N, 45.86E, h31km, 18km, ML2.9, Presumed earthquake

ISC 04 03:40:57.9, 1.1, 33.46N, 0.05, 45.88E, 0.06, h19km, n6, e096/9, Iran-Iraq border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IDHR Dehrash, IGHG Galeghazi, ILBA Ilam Banvizeh, etc.

IDC 04 03:50:35.4, 1.2, 52.18N, 152.99E, h443km, 14km, mb2.8/5, mbmp3.7/7, Error ellipse: s-maj=26.8km s-min=-19.7km az=118.0

KRSC 04 03:50:35.4, 1.5, 51.94N, 154.08E, h490km, 21km, M4.2, ISC 04 03:50:36.1, 1.0, 52.22N, 0.1, 153.3E, 0.1, h450km, n24, e1553/30, mb3.2/5, Northwest of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like MIPR Malaya Ipe/ka, PAU Pauzhetka, PETK Petropavlovsk, etc.

PAS 04 04:37:46.5, 2.0, 35.606N, 0.007, 117.41W, 0.01, h6km, 2km, Error ellipse: s-maj=1.3km s-min=1.0km az=115.0

NEIC 04 04:37:45.8, 2.1, 35.615N, 0.008, 117.382W, 0.008, h5km, 1km, ML3.2/172, ML3.5/132(PAS), Error ellipse: s-maj=2.5km s-min=1.5km az=157.0, Central California

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like CCCA Chir Cany lake, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like CCCA China Lake, GPO GPO, LRMCC Laurel Mtn Rad, etc.

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

PDG 04 04:45:45.3, 0.1, 35.64N, 21.84E, h11km, 4km, ML3.5/8, Error ellipse: s-maj=4.3km s-min=3.0km az=90.0

THE 04 04:45:50.6, 36.1N, 7.2E, h4km, 20km, M3.4/15, ML3.4/15

ATH 04 04:45:50.7, 35.76N, 21.99E, h18km, 5km, ML3.5/18, Latitude uncertainty: 2 km; Longitude uncertainty: 2 km

IDC 04 04:45:52.4, 2.1, 35.70N, 22.01E, h52km, 26km, mb3.6/12, mbmp3.7/17, ML3.0/3, MS3.4/3, Error ellipse: s-maj=31.5km s-min=14.0km az=79.0

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

Table with columns: 4d 4h, MTHA, PYL, PYLOS, etc. containing station names, coordinates, and other data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. containing station codes and names.

Table with columns: comp, Station Name, Az, Az', Phase ID, Time, Res, etc. containing station codes and names.

IDC 04 04:46:17.1±0.8, 15.50S±13.31W, h0km, mb4.2/15, mltmp3.6/5, ML2.9/1, Error ellipse: s-maj=35.7km s-min=15.7km az=32.0

NEIC 04 04:46:18.3±1.5, 15.66S±0.08, 13.0W±0.1, h10km, 1km, mb4.7/18, Error ellipse: s-maj=18.2km s-min=10.5km az=76.0

IDC 04 04:51:17.1±4.0, 35.07N±26.18E, h0km, mb3.8/4, mltmp3.6/5, ML2.9/1, Error ellipse: s-maj=94.5km s-min=11.1km az=179.0

4d 5h

Table with station names (K43A Burlington, M29M Somme Creek, DLBC Dease Lake) and their respective coordinates and times.

WEL 04 04:59:16.1±1.0, 33°S±12'±17.9E±2.5, h566km±20km, M3.8/9, mB4.7, ML4.0/6, MLV4.1/9, Mw(mB)3.5/7, Error ellipse: s-maj=35.6km s-min=9.9km az=111.8, confirmed, South of Kermadec Islands

Table listing station names (Code, Station Name, Az, Az2, Phase ID, Time, Res) for stations in the South of Kermadec Islands region.

IDC 04 05:02:13.6±5.9, 22°33'S±19.37E, h0km, mbtmp3.8/4, ML3.1/4, Error ellipse: s-maj=101.6km s-min=35.0km az=129.0, Western Australia

Table listing station names (Code, Station Name, Az, Az2, Phase ID, Time, Res) for stations in Western Australia.

IDC 04 05:10:14.6±18.0, 17°90'S±174.96W, h259km±109km, mb3.1/3, mbtmp3.8/4, Error ellipse: s-maj=323.2km s-min=55.5km az=138.0, Tonga Islands

Table listing station names (Code, Station Name, Az, Az2, Phase ID, Time, Res) for stations in the Tonga Islands.

IDC 04 05:13:37.7±2.5, 54°67'N±83.78E, h0km, mbtmp2.5/2, ML2.6/1, Error ellipse: s-maj=19.9km s-min=12.0km az=170.0, Southwestern Siberia

Table listing station names (Code, Station Name, Az, Az2, Phase ID, Time, Res) for stations in Southwestern Siberia.

TAP 04 05:14:52.7±2.4, 44N:122.73E, h54km, ML3.4, C JMA 04 05:14:52.5±0.1, 24°N±2'±122.8E±0.6, h58km±1km, MV2.7/15, NW OFF ISHIGAKIJIMA IS

Table listing station names (Code, Station Name, Az, Az2, Phase ID, Time, Res) for stations in the Taiwan region.

2020 JUN

Main table listing station names (Code, Station Name, Az, Az2, Phase ID, Time, Res) for stations in the Pacific region, including Datong Townshi, Xiulin Townshi, etc.

SDD 04 05:17:06.2±1.4, 18°99'N±67°61'W, h0km±12km, MD3.0, ML2.1, MV2.5, Presumed earthquake

Table listing station names (Code, Station Name, Az, Az2, Phase ID, Time, Res) for stations in the Costa Rica region.

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Table listing station names (Code, Station Name, Az, Az2, Phase ID, Time, Res) for stations in the Pacific region, including PURI, ATEO, PALM, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Mula-Seydike, Mula-Dalaman, Kas, and various Kuratov Arra stations.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Makanchi, Karpathos, Zakros, and various Kuratov Arra stations.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kishinev, Lubar, Ukraine, Malin Array Si, and various Kuratov Arra stations.

IDC 04 06:44:10.1±6.4,6:10S:148:05E,h110km,67km,mb3.4/2, mbtmp3.8/4, Error ellipse: s-maj=107.1km s-min=34.8km az=131.0, New Britain region

IDC 04 06:50:51.5±1.6,35:22N:26:95E,h0km,mb3.6/3, mbtmp3.4/5,ML3.2/2, Error ellipse: s-maj=42.3km s-min=26.2km az=138.0

IDC 04 06:58:05.1±3.3,53:59N:87:78E,h0km,mbtmp2.8/2, ML2.6/2, Error ellipse: s-maj=29.3km s-min=17.8km az=58.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Port Moresby, Warramunga Arr, Alice Springs, and Eielson Array.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Karpathos, Zakros, and various Kuratov Arra stations.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Zalesovo Infra, Zalesovo Array, Zalesovo Beam, and Kuratov Arra.

ASRS 04 06:44:22.0±1.2,54:65N:83:65E,h0km,M3.2(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 04 06:50:52.0±2.0,35:22N:26:95E,h0km,mb3.4/2, mbtmp3.7/6,ML3.2/4,MS2.7/4, Error ellipse: s-maj=10.5km s-min=8.4km az=10.0

IDC 04 07:05:17.4±1.7,30:27S:177:30W,h0km,mb3.6/3, mbtmp3.7/4,ML3.4/1,MS3.2/2, Error ellipse: s-maj=45.5km s-min=19.9km az=72.0

NNC 04 06:44:24.7±2.6,54:59N:83:64E,h0km,mb4.0,mpv3.6, Error ellipse: s-maj=21.7km s-min=6.2km az=6.0, Suspected Mining explosion.

IDC 04 06:50:52.4±1.1,35:52N:0:03:26:69E,0:02,h4km,9km, n68,-c19/92,Crete

IDC 04 07:05:22.5±1.4,30:34S:0:07:177:5W,0:2,h33km,n9,-c194/9,mb3.6/3,Kermadec Islands

ISC 04 06:44:22.9±1.1,54:64N:0:08:83:58E,0:05,h0km,n17,-c2518/24,9C-70,Southwestern Siberia

IDC 04 06:50:52.0±2.0,35:22N:26:95E,h0km,mb3.4/2, mbtmp3.4/5,ML3.2/2, Error ellipse: s-maj=42.3km s-min=26.2km az=138.0

AUST 04 07:14:07.4±0.2,39:52'N:146:16'E,±h10km,ML3.0/10, ML3.8/1,MLV4.1/1, Error ellipse: s-maj=4.7km s-min=3.2km az=77.7, Near southeast coast of Australia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Zalesovo Infra, Zalesovo Array, Zalesovo Beam, Kuratov Arra, and Makanchi Array.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Karpathos, Zakros, and various Kuratov Arra stations.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Raoul Island, Urewera, and various Kuratov Arra stations.

IDC 04 07:15:01.2±4.8,43:22N:138:73E,h220km,29km,mb3.0/7, mbtmp3.5/9, Error ellipse: s-maj=77.1km s-min=19.9km az=171.0

JMA 04 07:15:04.1±0.5,43:1'N:131:9'E,±h218km,3km,MV2.5/11, SW OFF HOKKAIDO

ISC 04 07:14:59.4±0.8,43:11N:0:08:138:69E,0:07,h200km,n19,-c200/23,mb3.3/7, Eastern Sea of Japan

2020 JUN

Table with columns for station code, name, frequency, and various signal quality metrics (P, S, ScP, LR, etc.). The table is organized into multiple columns for readability, with station names and codes on the left and their respective metrics on the right.

4d 8h

Table with columns for station codes (e.g., CN2, WAKE, BTO2), frequencies, and various status indicators (P, S, I, etc.).

2020 JUN

Table with columns for station codes (e.g., YUK, LSA, MILA), frequencies, and various status indicators (P, S, I, etc.).

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Table with columns for station codes (e.g., HEH, GLAD, CORO), frequencies, and various status indicators (P, S, I, etc.).

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like BHPL Bhopal, SKR Severo-Kuril's, NRDN Nonsavu, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like TLWR Talawar, TSSA Tissa, MIDW Midway, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, and other parameters. Includes stations like RPZ Rata Peaks, RPZ Rata Peaks, TDK Taldyqorghhan, etc.

F18K	Selawik	80.33	23	P	P	09 01 38.4 +0.7
F18K	baz=255,SNR=388					
F18K				S	S	09 11 34.0 +0.5
C18K	Utukok River	80.34	21	I	I	09 01 41.3
C18K	comp=Z,564nm,0.9s					
C18K	Utukok River	80.34	21	P	P	09 01 38.5 +0.8
C18K	baz=253,SNR=466					
C18K				S	S	09 11 32.8 -0.9
ACHA	Angle Creek He	80.45	31	I	I	09 01 43.2
ACHA	comp=Z,1um,1.9s					
H18K	Honhosa River	80.48	24	I	I	09 01 42.1
H18K	comp=Z,638nm,1.1s					
H18K	Honhosa River	80.48	24	P	P	09 01 39.4 +0.9
H18K	baz=256,SNR=419					
H18K				S	S	09 11 35.5 +0.3
G18K	Tagagawik	80.54	23	I	I	09 01 42.3
G18K	comp=Z,2um,2.0s					
G18K	Tagagawik	80.54	23	P	P	09 01 39.4 +0.6
G18K	baz=256,SNR=462					
G18K				S	S	09 11 36.0 +0.2
L18K	Granite Mounta	80.55	27	I	I	09 01 42.1
L18K	comp=Z,1um,1.6s					
L18K	Granite Mounta	80.55	27	P	P	09 01 40.3 +1.4
L18K	baz=258,SNR=342					
L18K				S	S	09 11 36.9 +0.9
N18K	Kilae Creek	80.62	29	P	P	09 01 40.4 +1.1
N18K	baz=259,SNR=123					
N18K				S	S	09 11 37.8 +1.0
Q18K	Katmai Hardscr	80.69	31	P	P	09 01 39.4 -0.5
Q18K	baz=260,SNR=135					
Q18K				S	S	09 11 34.6 -3.2
P18K	Big Mountain	80.71	30	P	P	09 01 39.8 +0.6
P18K	baz=260,SNR=83					
P18K				S	S	09 11 35.6 -2.2
SII	Sitkinak Islan	80.79	33	P	P	09 01 41.8 +1.5
SII	comp=Z,1um,1.6s					
SII	Sitkinak Islan	80.79	33	P	P	09 01 41.3 +1.0
SII	baz=261,SNR=87					
SII				S	S	09 11 39.6 +0.8
O18K	Koktuh Hills	80.80	30	I	I	09 01 43.9
O18K	comp=Z,873nm,1.2s					
O18K	Koktuh Hills	80.80	30	P	P	09 01 41.3 +0.9
O18K	baz=260,SNR=185					
O18K				S	S	09 11 39.7 +0.9
M18K	Stony River	80.80	28	P	P	09 01 41.5 +1.2
M18K	baz=259,SNR=323					
M18K				S	S	09 11 39.9 +1.2
A19K	Wainwright	80.85	19	P	P	09 01 42.0 +1.7
A19K	baz=253,SNR=54					
A19K				S	S	09 11 39.2 +0.5
AKT	Akhty	80.97	311	eP	pP	09 01 41.5 -0.3
AKT				ePP	pP	09 02 11.0 +0.5
AKT				eS	S	09 04 48.1
AKT				eSS	sS	09 11 40.0 -1.5
AKT				pmax	pmax	09 12 31.1 -0.2
AKT	comp=Z,467nm,1.2s			MLR	MLR	
GCSA	Galena City Sc	81.00	25	P	P	09 01 42.1 +0.9
GCSA	baz=258,SNR=594					
GCSA				S	S	09 11 41.1 +0.6
C19K	Lookout Ridge	81.03	20	I	I	09 01 44.8
C19K	comp=Z,1um,0.9s					
C19K	Lookout Ridge	81.03	20	P	P	09 01 42.9 +1.4
C19K	baz=254,SNR=714					
C19K				S	S	09 11 40.9 0.0
F19K	Shaluerckik Mo	81.11	23	P	P	09 01 42.4 +0.6
F19K	baz=256,SNR=512					
F19K				S	S	09 11 41.0 -0.7
G19K	Purcell Mounta	81.22	23	I	I	09 01 46.4
G19K	comp=Z,950nm,0.8s					
G19K	Purcell Mounta	81.22	23	P	P	09 01 43.5 +1.1
G19K	baz=257,SNR=1000					
G19K				S	S	09 11 42.8 -0.1
MAK	Makhachkala	81.25	313	eP	pP	09 01 41.0 -2.0
MAK				ePP	pP	09 02 12.0 +0.3
MAK				eSP	sP	09 02 23.2 -0.6
MAK				ePPP	PPP	09 04 44.9
MAK				eS	S	09 06 41.3
MAK				eSS	sS	09 11 41.8 -2.2
MAK				pmax	pmax	09 17 01.3 -0.7
MAK	comp=Z,736nm,1.7s			MLR	MLR	
O19K	Port Alsworth	81.30	30	I	I	09 01 46.2
O19K	comp=Z,6um,18.0s					
O19K	Port Alsworth	81.30	30	P	P	09 01 43.4 +0.6
O19K	baz=260,SNR=55					
O19K				S	S	09 11 44.1 +0.3
N19K	Bonanza Creek	81.32	29	I	I	09 01 48.6
N19K	comp=Z,565nm,0.9s					
N19K	Bonanza Creek	81.32	29	P	P	09 01 44.4 +1.2
N19K	baz=260,SNR=350					
N19K				S	S	09 11 45.1 +0.8
HN19K	Roundabout Mou	81.35	24	P	P	09 01 44.5 +1.5
HN19K	baz=258,SNR=1000					
HN19K				S	S	09 11 45.6 +1.5
OHAK	Old Harbor	81.37	33	P	P	09 01 44.2 +0.9
OHAK	comp=Z,542nm,0.9s					
OHAK	Old Harbor	81.37	33	P	P	09 01 44.0 +0.7
OHAK	baz=262,SNR=103					
OHAK				S	S	09 11 45.0 +0.3
J19K	Poorman	81.38	26	I	I	09 01 46.3
J19K	comp=Z,628nm,0.9s					
J19K	Poorman	81.38	26	P	P	09 01 44.3 +1.0
J19K	baz=259,SNR=828					
J19K				S	S	09 11 45.2 +0.6
L19K	White Mountain	81.38	28	P	P	09 01 44.5 +1.1
L19K	baz=260,SNR=335					
L19K				S	S	09 11 45.8 +1.0
D19K	Kuna River	81.39	21	I	I	09 01 47.2
D19K	comp=Z,1um,0.8s					
D19K	Kuna River	81.39	21	P	P	09 01 44.5 +1.1
D19K	baz=256,SNR=1000					
D19K				S	S	09 11 44.2 -0.4
Q19K	Cape Douglas	81.44	31	I	I	09 01 45.0
Q19K	comp=Z,517nm,0.8s					
Q19K	Cape Douglas	81.44	31	P	P	09 01 43.5 -0.2
Q19K	baz=261,SNR=58					
Q19K				S	S	09 11 42.3 -3.1
E19K	Redstone River	81.47	22	P	P	09 01 45.0 +1.3
E19K	baz=257,SNR=1000					
E19K				S	S	09 11 45.5 +0.1
K19V	Kirov	81.72	329	S	S	09 11 42.9 -5.3
K19V	comp=Z,23nm,0.3s, baz=102,slow=23,SNR=12					
K19V				LR	LR	09 42 10.4
K19V						
P19K	Kirov	81.72	329	eP	pP	09 01 44.1 -1.0
P19K	comp=Z,3um,18.6s, baz=101,slow=3					
P19K				P	P	09 01 45.5 +0.1
P19K	baz=262,SNR=17					
P19K				S	S	09 11 45.9 -2.7
KDAK	Kodiak Island	81.83	32	LR	LR	09 32 27.0
KDAK	comp=Z,3um,20.8s, baz=241,slow=31					
KDAK	Kodiak Island	81.83	32	P	P	09 01 46.7 +1.0
KDAK	comp=Z,648nm,0.8s					
KDAK				I	I	09 01 48.2
KDAK				P	P	09 01 46.7 +1.0
KDAK				P	P	09 01 46.5 +0.7

KDAK	Kodiak Island	81.83	32	P	P	09 01 50.7 +1.4
KDAK	comp=Z,622			S	S	09 01 50.7 +1.4
K20K	Telida	81.94	26	I	I	09 01 46.5 +0.7
K20K	comp=Z,2um,1.6s					
K20K	Telida	81.94	26	P	P	09 01 47.6 +1.3
K20K	baz=260,SNR=484					
K20K				S	S	09 11 51.7 +1.3
F20K	Avarart Lake	81.95	23	I	I	09 01 50.4
F20K	comp=Z,729nm,1.0s					
F20K	Avarart Lake	81.95	23	P	P	09 01 47.7 +1.5
F20K	baz=258					
F20K				S	S	09 11 50.7 +0.4
D20K	Etivluk River	81.98	21	P	P	09 01 47.5 +1.1
D20K	baz=257,SNR=840					
D20K				S	S	09 11 49.6 -1.0
H20K	Anotleneega Mo	81.98	24	P	P	09 01 47.7 +1.2
H20K	baz=259,SNR=677					
H20K				S	S	09 11 52.1 +1.4
BELG	Belogomoye	81.99	322	S	S	09 11 45.0 -6.2
BELG	comp=Z,47nm,1.0s, baz=214,slow=22,SNR=13					
BELG	Belogomoye	81.99	322	eP	pP	09 01 45.7 -1.0
BELG	comp=Z,4um,20.9s, baz=91,slow=57					
BELG				LR	LR	09 40 36.0
I20K	Naaghedeneel	82.02	25	P	P	09 01 48.0 +1.5
I20K	baz=260					
I20K				S	S	09 11 53.2 +2.1
E20K	Nigu River	82.03	21	P	P	09 01 48.0 +1.2
E20K	baz=258,SNR=1000					
E20K				S	S	09 11 50.4 -0.9
J20K	Nowinta River	82.05	26	P	P	09 01 48.2 +1.4
J20K	baz=260,SNR=929					
J20K				S	S	09 11 53.3 +1.9
B20K	Meade River	82.08	20	I	I	09 01 49.9
B20K	comp=Z,648nm,0.8s					
B20K	Meade River	82.08	20	P	P	09 01 48.0 +1.2
B20K	baz=256					
B20K				S	S	09 11 51.7 +0.2
RED	Redoubt Volcan	82.09	29	I	I	09 01 49.6
RED	comp=Z,425nm,0.8s					
O20K	Slope Mountain	82.12	30	P	P	09 01 46.9 -0.4
O20K	baz=262,SNR=13					
O20K				S	S	09 11 50.1 -2.3
M20K	Sty River	82.14	28	P	P	09 01 48.6 +1.2
M20K	baz=261					
M20K				S	S	09 11 53.6 +1.0
RAYN	Ar Rayn	82.18	293	P	P	09 01 48.3 -0.1
RAYN	comp=Z,342nm,0.9s					
RAYN	Ar Rayn	82.18	293	eP	pP	09 01 48.1 -0.3
RAYN	SNR=207					
RAYN	Ar Rayn	82.18	293	P	P	09 01 48.3 -0.1
RAYN				pmax	pmax	
RAYN				pmax	pmax	
VNDA	Vanda	82.18	293	P	P	09 01 48.7 +0.3
VNDA	comp=Z,115nm,0.7s, baz=318,slow=6.5,SNR=660					
VNDA				S	S	09 11 55.9 +1.4
VNDA				S	S	09 20 15.8 -2.6
VNDA				S	S	09 28 19.5 +0.9
VNDA				LR	LR	09 36 56.8
ABPO	Ambohpanom	82.42	251	P	P	09 01 49.9 +0.1
ABPO	comp=Z,7um,20.5s, baz=340,slow=34					
ABPO	Ambohpanom	82.42	251	P	P	09 01 49.9 +0.1
ABPO	comp=Z,115nm,0.7s					
ABPO				pmax	pmax	
ABPO				P	P	09 01 49.9 +0.1
ABPO				P	P	09 01 49.4 +0.2
SPCR	Spurr Chakacha	82.48	29	P	P	09 11 53.4 -2.7
SPCR	baz=262,SNR=62					
SPCR				S	S	09 11 53.4 -2.7
SPU	Mount Spurr	82.55	29	I	I	09 01 52.0
SPU	comp=Z,1um,1.9s					
HOM	Homr	82.55	30	I	I	09 01 52.2
HOM	comp=Z,881nm,0.7s					
HOM	Homr	82.55	30	P	P	09 01 50.2 +0.7
HOM	baz=263,SNR=36					
HOM				S	S	09 11 54.3 -2.4
A21K	Barrow	82.57	18	P	P	09 01 50.1 +0.8
A21K	baz=257,SNR=14					
A21K				S	S	09 11 56.7 +0.3
STLK	Strandline Lak	82.69	28	I	I	09 01 52.7
STLK	comp=Z,1um,2.0s				</	

Table with columns: QSPA, South Pole Qui, 71.43 180 P, P, 11 24 50.0 +1.6, etc.

Table with columns: STKA, Stephens Creek, 27.79 234 P, P, 11 27 39.7 +1.0, etc.

Table with columns: KML2, comp=Z,1.3nm,1.4s, pmax, pmax, HEH, Heihe, 76.23 335 eP, P, 11 33 37.7 0.0, etc.

IDC 04 11:21:47.6:0.6, 17:38S:167.86E, h0km, mb4.6/19, mbmp4.6/20, ML4.1/2, TMS4.3/26, Error ellipse: s-maj=20.4km s-min=13.7km az=88.0

NOU 04 11:21:49.0, 17:45S:167.92E, h0km, mb5.0/34, Vanuatu Islands

BUI 04 11:21:50.5, 17:05S:167.71E, h16km, mb5.1/9, mb4.9/36, Ms4.8/5, Ms7.4/6/5

NEIC 04 11:21:53.2, 17:44S:167.91E, h0km, h35km, 1km, mb5.1/36, Error ellipse: s-maj=13.4km s-min=9.2km

ISC 04 11:21:51.8:0.3, 17:43S:167.88E:0.06, h27km, n218, s111/201, mb5.0/49, MS4/4.24, 7C-5D, Vanuatu Islands

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

Table with columns: STKA, Stephens Creek, 27.79 234 P, P, 11 27 39.7 +1.0, etc.

Table with columns: KML2, comp=Z,1.3nm,1.4s, pmax, pmax, HEH, Heihe, 76.23 335 eP, P, 11 33 37.7 0.0, etc.

TORD comp=Z,1.4nm,1.0s,baz=54,slow=3.0,SNR=4.0

IDC 04 11:25:03.0,3.8,17.03S:168.81E,h0km,mb4.2/3, mbmp4.2/3, Error ellipse: s-maj=191.3km s-min=32.7km az=148.0

NEIC 04 11:25:25.0,1.7,18.5S:0.1x169.1E:0.1,h19km,10km, mb4.3/31, Error ellipse: s-maj=19.4km s-min=15.2km az=127.0

ISC 04 11:25:24.6,0.9,18.58S:0.10,169.0E:0.1,h200km,n24, o1942/25,mb4.3/10,Vanuatu Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like MARE, Ouen Island, Ouen Toro, etc.

NAO 04 11:26:06.9,0.6,76.04N:7.52E,h10km,ML3.7

IDC 04 11:26:07.2,0.6,76.08N:7.35E,h0km,mb3.8/17, mbmp3.8/22,ML2.8/4,MS3.6/8, Error ellipse: s-maj=13.3km s-min=10.6km az=63.0

BER 04 11:26:07.6,3.2,75.38N:7.43E,h10km,Mw4.1, ML3.7(NVAO),Chernobyl Earthquake

DNK 04 11:26:09.1,2.3,76.16N:6.37E,h9km,29km,ML1.5, Presumed earthquake

NEIC 04 11:26:09.3,2.2,76.11N:0.06,8.0E:0.4,h10km,1km, mb4.3/31, Error ellipse: s-maj=15.0km s-min=10.7km az=267.0

FCIAR 04 11:26:10.0,76.07N:8.38E,h10km,station SPA0 has station magnitude of 2.60

KOLA 04 11:26:11.8,76.41N:8.65E,h0km,ML2.6, Error ellipse: s-maj=21.8km s-min=14.3km az=30.0, Greenland sea,Kripovich ridge, middle

ISC 04 11:26:10.9,4.4,76.06N:0.04,8.17E:0.06,h24km,28km, n109,-169/111,mb4.2/30,MS3.9/4, Svalbard region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like HSPB, BRBA, BRBB, etc.

Main table with columns: NOR, DBG, ARAO, etc. Includes station names like Nord, Daneborg, ARCESS Array B, etc.

Table with columns: TKL, TORD, CMAR, ASAR. Includes station names like Tuckaleechee C, Torodi Arr, Chiang Mai Arr, etc.

IDC 04 11:36:06.0,3.7,9.98S:-116.66E,h0km,mb3.7/4, mbmp3.6/6,ML3.1/2,MS3.8/5, Error ellipse: s-maj=269.4km s-min=21.0km az=49.0,Sumbawa region

Table with columns: FITZ, WRA, ASAR, TGy, MKAR, KURB, ZALV, ARTI, SUR, AKAS. Includes station names like Fitzroy Crossi, Warramunga Arr, etc.

BUL 04 11:41:15.3,3.1,18.13S:26.32E,h21km,18km,MD3.2, Presumed earthquake

BGSI 04 11:41:17.6,1.9,18.25S:26.48E,h2km,39km,ML2.7, Presumed earthquake

ISC 04 11:41:14.2,2.1,18.20S:0.05,26.54E:0.06,h10km,n8, o235/16,Zimbabwe

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like KSANE, BLWY, BROLN, etc.

HEL 04 12:04:00.3,0.2,63.94N:28.05E,h0km,ML1.0, Suspected explosion,Finland

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like NIF, RMF, SUF, OUF, etc.

HEL 04 12:05:42.4,0.7,70.39N:27.07E,h0km,ML1.0, Explosion,Northern Norway

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like KEV, ARAO, ARAO, etc.

2020 JUN

4d 12h

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like EL CAJUIL, NEIBA UASD, EL ESPARILLAR, PRESA DE SABAN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like CSGN Cosiguina Volc, INTIP Intipuca, CNCH Conchagua, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like LAPC Finca la Perla, ALIBA Liberia Airport, VORI VORI, etc.

IDC 04 12:36:45.3.1.6, 12:85N:87:58W, h70km, 15km, mb4.0/16, mbtmp4.2/0, MS3.6/17, Error ellipse: s-maj=22.1km s-min=9.8km az=54.0

GCG 04 12:36:48.7.0.8, 12:80N:88:31W, h18km, 8km, MD5.0, ML5.0, Presumed earthquake

ISC 04 12:36:44.0.6, 12:57N:04:00.87:95W, 0.03, h69km, 5km, n415, c1933/363, mb4.5/127, Near coast of Nicaragua

IDC 04 12:32:56.9.1.3, 34:06N:25:51E, h0km, mb3.6/6, mbtmp3.5/9, ML3.4/3, Error ellipse: s-maj=24.3km s-min=20.8km az=176.0

ATH 04 12:32:59.0.7.34, 18N:25:55E, h10km, ML2.9/7, Latitude uncertainty: 4 km; Longitude uncertainty: 2 km

ISC 04 12:32:59.3.1.8, 34:16N:07:25:49E, 0.04, h15km, 10km, n27, c1935/36, mb3.6/5, Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SIVA Sivas, NPS Neapolis, ZKR Zakros, ANOYIA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like PANCS Alcalda de, APQ3 Volcan Apoyequi, LOMA Loma Larga, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like MTEVE Montevede, CEDE Laguna Ceede, VAREZ V. Arenal, etc.

IDC 04 12:33:19.1.2.5, 7:14S:70:51E, h0km, mb3.7/5, mbtmp3.7/5, Error ellipse: s-maj=87.9km s-min=27.8km az=52.0

ISC 04 12:33:21.0.2.2, 7:15S:04:70:6E, 0.03, h10km, n11, c077/8, mb4.0/5, Chagos Archipelago region

ISC 04 12:33:21.0.2.2, 7:15S:04:70:6E, 0.03, h10km, n11, c077/8, mb4.0/5, Chagos Archipelago region

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like H0RS1 Diego Garcia H, H0RS3 Diego Garcia H, H0RS2 Diego Garcia H, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like CSGN Cosiguina Volc, INTIP Intipuca, CNCH Conchagua, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like LAPC Finca la Perla, ALIBA Liberia Airport, VORI VORI, etc.

SNET 04 12:36:44.3.1.2, 12:56N:87:98W, h57km, ML4.9, Presumed earthquake

CATAC 04 12:36:44.5.0.1, 13 N:1:88:0W:0.9, h38km, M4.9/80, mb4.8/14, mb5.2/4, ML5.0/80, Mw(MB)4.6/4, Error ellipse: s-maj=3.4km s-min=1.1km az=30.2, confirmed

NEIC 04 12:36:45.7.2.5, 12:63N:0:06:87:88W, 0.07, h69km, 6km, mb4.5/272, Error ellipse: s-maj=11.2km s-min=6.9km az=224.0

Table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, h, m, s, ISC. Includes stations like SNET 04, CATAC 04, NEIC 04, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WAZ Wanganui, KHEZ Kahui Hut, BFZ Birch Farm, etc.

IDD 04 13:03:28.0-12.0, 4.85N-94.98E, h0km, mb3.8/2, mbmp3.8/3, ML4.0/1, MS3.6/3, Error ellipse: s-maj=307.5km s-min=46.9km az=82.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BSI Banda Aceh, LHMI Lhok Sumawe, MSLI Meulaboh, etc.

ISN 04 13:06:56.8-0.6, 33.45N-45.95E, h7km, mb6km, Presumed earthquake

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ILBA Ilam Banvizeh, IGHG Ghaleghazi, IDHR Dehrah, etc.

BJI 04 13:12:29.0, 1.20N-126.40E, h10km, mb4.9/17, mb5.0/71, Ms4.2/2, Ms7.4/0/31

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TNTI Ternate, YULB Yu-li, YULB Yu-li, etc.

MOS 04 13:12:30.4-0.9, 1.20N-126.20E, h19km, mb5.4/60, Error ellipse: s-maj=19.3km s-min=10.1km az=77.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YULB Yu-li, YULB Yu-li, YULB Yu-li, etc.

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

ISN 04 13:06:56.8-0.6, 33.45N-45.95E, h7km, mb6km, Presumed earthquake

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SZP Santa, SIPP Sipp, PIP Pasquiu, etc.

TEH 04 13:06:57.1, 33.50N-45.95E, h10km-990km, ML2.5, Presumed earthquake

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

ISN 04 13:06:57.4-1.2, 33.47N-0.05-45.99E, h10km, n5, 0570/8, Iran-Iraq border region

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like QIZ comp=Z,270nm,17.3s, QIZ comp=Z,180nm,14.1s, MNAI Manna, etc.

ISN 04 13:06:56.8-0.6, 33.45N-45.95E, h7km, mb6km, Presumed earthquake

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MNAI Manna, MASI Maura Aman, MASI Mouta Is, etc.

ISN 04 13:06:57.4-1.2, 33.47N-0.05-45.99E, h10km, n5, 0570/8, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MNAI Manna, MASI Maura Aman, MASI Mouta Is, etc.

ISN 04 13:06:57.4-1.2, 33.47N-0.05-45.99E, h10km, n5, 0570/8, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MNAI Manna, MASI Maura Aman, MASI Mouta Is, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MNAI Manna, MASI Maura Aman, MASI Mouta Is, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like H27K Steamboat Moun, L27K Beaver Creek, M27K Edge Creek, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like AK19 Malin Array Si, R32K Eaglecrest, FINES FINESS Array B, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time Res, ISC. Includes stations like JAY Jayapura, JAY Jayapura, JAY Jayapura, etc.

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

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

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

ISC 04 14:32:41.1 ± 1.6, 34.33N; 25.36E, h0km, mb3.7/6, mbtmp3.67, ML4.1/1, MS2.7/1, Error ellipse: s-maj=45.0km

ISC 04 14:32:45.6 ± 1.4, 34.44N; 25.25E; 0.3, h30km, n8, 0674/7, mb3.6/5, Crete

ISC 04 14:42:33.0 ± 5.0, 3.89S; 131.54E, h0km, mb3.1/1, mbtmp2.9/3, ML3.0/2, Error ellipse: s-maj=35.9km

ISC 04 14:46:15.0 ± 0.5, 17.85N; 66.91W, h0km, mb4.2/18, mbtmp4.2/21, ML3.5/3, MS3.3/10, Error ellipse: s-maj=14.2km

ISC 04 14:46:18.0 ± 0.1, 17.86N; 66.84W, h0km, mb4.2/18, mbtmp4.2/21, ML3.5/3, MS3.3/10, Error ellipse: s-maj=14.2km

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

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

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

Table with columns: Country, Name, Time, Status, and other details. Includes entries for HSLU, GAZ, KRMI, etc.

Table with columns: Country, Name, Time, Status, and other details. Includes entries for KBA, Koelnbreinsper, MAUC, etc.

Table with columns: Country, Name, Time, Status, and other details. Includes entries for MNK, Minsk, VRH, etc.

Table of astronomical observations for 4d 23h, listing station names, times, and coordinates. Includes stations like KAPPI, BSSI, KKM, SOEI, etc.

Table of astronomical observations for 2020 JUN, listing station names, times, and coordinates. Includes stations like H11S2, H11N1, H11N2, etc.

Table of astronomical observations for 244, listing station names, times, and coordinates. Includes stations like BARS, MMB, SRRS, etc.

RSNC 04 23:07:36.51 4.1 2'S.5"-8'1W.1'2, h17km, 18km, M3.5, mb4.0, mBB6.0, ML3.0, Mw(mb)5.6

IGQ 04 23:07:37.0 0.2 1'2'S.2'8'W.1', h25km, 2km, M3.6/17, Mjma3.6/15, MLv3.5/17, Ms(BB)3.8/11

ISC 04 23:07:37.8 0.9, 1.48S, 0.03:80:67W-0.03, h33km, 6km, n111, s174/121, 10C-6D, Near coast of Ecuador

Table of astronomical observations for RSNC, IGQ, and ISC, listing station names, times, and coordinates. Includes stations like PPLP, JIPIJAPA, etc.

ISC 04 22:03:24.9 1.2 12'28N, 144.96E, h71km, 7km, mb3.5/13, s-min=15.5km, az=93.0, Error ellipse: s-maj=29.7km

ISC 04 22:03:21.0 0.9, 12.60N, 0.08:145.0E, 0.2, h38km, n23, s168/18, mb3.7/13, MS2.7/3, South of Mariana Islands

Table of astronomical observations for ISC, listing station names, times, and coordinates. Includes stations like GUMO, MAW, etc.

SOF 04 22:18:46.1, 41.777N, 0.01:22.22E, 0.1, h2km, 2km, MD2.5/7

BEO 04 22:18:48.7 0.5, 41.83N, 22.32E, h2km, 3km, ML1.9/5

Table of astronomical observations for SOF, BEO, SKO, etc., listing station names, times, and coordinates. Includes stations like VAY, KKB, etc.

Table with columns: STA, Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LITE1, TAI5, CHMA, etc.

IDC 04 23:12:33.0, 0.7, 7.98S, 121.92E, h0km, mb4.1/8, mbtmp4.1/12, ML4.1/4, MS3.0/4, Error ellipse: s-maj=67.9km s-min=13.3km az=62.0

NEIC 04 23:12:34.4, 1.6, 8.13S:0.06:121.71E:0.04, h1(0km), 1km, mb4.5/29, Error ellipse: s-maj=11.5km s-min=4.5km az=214.0

DJA 04 23:12:36.2, 0.2, 8.2S:2.12E, h1(0km), M4.3/18, M4.7/1, mb4.4/3, ML4.4/2.18, Mw(MB)4.0/1

ISC 04 23:12:34.0, 4.8, 10S:0.04:121.80E:0.05, h10km, n92, r=170, n2, mb4.5/21, Flores region

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MMRI, WSI, BSSI, etc.

IDC 04 23:15:02.8, 3.1, 14.45N:93.72W, h0km, mb3.8/4, mbtmp3.8/6, ML3.7/2, MS3.1/6, Error ellipse: s-maj=77.6km s-min=31.7km az=25.0

NEIC 04 23:15:05.4, 2.4, 15.9N:0.09:93.79W:0.07, h1(0km), 8km, mb4.2/10, Md4.0/15(MEX), Error ellipse: s-maj=14.4km s-min=7.2km az=213.0

MEX 04 23:15:06.3, 0.6, 14.35N:93.86W, h45km, 309km, MD4.1, GCG 04 23:15:11.1, 2.1, 14.66N:93.55W, h36km, 999km, MD4.5, Presumed earthquake

ISC 04 23:15:04.5, 2.0, 14.56N:0.05:93.75W:0.03, h13km, 12km, n71, r=226, n9, mb4.2/7, MS3.1/5, Near coast of Chiapas

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

IDC 04 23:40:04.3, 0.7, 6.02S:142.66E, h0km, mb4.3/15, mbtmp4.4/19, ML1.9/1, MS3.3/11, Error ellipse: s-maj=22.3km s-min=13.7km az=84.0

NEIC 04 23:40:05.1, 1.4, 6.21S:0.05:142.45E:0.08, h1(0km), 1km, mb4.6/54, Error ellipse: s-maj=13.3km s-min=8.5km az=255.0

DJA 04 23:40:09.3, 1.4, 6.4S:4.14E, h18km, 12km, M5.1/14, mb4.8/14, MB5.4/5, MLV5.3/8, Mw(MB)4.9/5

ISC 04 23:40:05.4, 0.4, 6.29S:0.04:142.40E:0.06, h10km, n112, r=179/108, mb4.6/48, MS3.7/3D, New Guinea

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

Table with columns: STA, Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZAAO, ZAAO, ZALV, etc.

IDC 04 23:40:07.0, 7.23, 40.7, -0.7, 23 23 40.7 -0.7, 23 23 41.9

IDC 04 23:40:5, -0.9, 23 23 40.5 -0.9, 23 23 40.6 -0.7, 23 23 42.7 0.0

IDC 04 23:42.1, -0.7, 23 23 42.1 -0.7, 23 24 01.6 +0.9

IDC 04 23:24 01.1 +0.3, 23 24 03.4

IDC 04 23:24 06.6 +0.1, 23 24 18.8

IDC 04 23:24 14.4 -0.6, 23 24 25.0 +0.3, 23 24 34.9 -0.6, 23 24 41.6 -0.5, 23 24 42.1

IDC 04 23:24 43.6 0.0, 23 24 54.6 +0.6, 23 24 55.6

IDC 04 23:23 26.3 -2.2, 23 31 49.9 -0.1, 23 32 13.9 +0.1, 23 32 14.7 +0.4

IDC 04 23:23 42.0 +0.3, 23 32 40.0 +0.3

IDC 04 23:15:02.8, 3.1, 14.45N:93.72W, h0km, mb3.8/4, mbtmp3.8/6, ML3.7/2, MS3.1/6, Error ellipse: s-maj=77.6km s-min=31.7km az=25.0

NEIC 04 23:15:05.4, 2.4, 15.9N:0.09:93.79W:0.07, h1(0km), 8km, mb4.2/10, Md4.0/15(MEX), Error ellipse: s-maj=14.4km s-min=7.2km az=213.0

MEX 04 23:15:06.3, 0.6, 14.35N:93.86W, h45km, 309km, MD4.1, GCG 04 23:15:11.1, 2.1, 14.66N:93.55W, h36km, 999km, MD4.5, Presumed earthquake

ISC 04 23:15:04.5, 2.0, 14.56N:0.05:93.75W:0.03, h13km, 12km, n71, r=226, n9, mb4.2/7, MS3.1/5, Near coast of Chiapas

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

IDC 04 23:40:04.3, 0.7, 6.02S:142.66E, h0km, mb4.3/15, mbtmp4.4/19, ML1.9/1, MS3.3/11, Error ellipse: s-maj=22.3km s-min=13.7km az=84.0

NEIC 04 23:40:05.1, 1.4, 6.21S:0.05:142.45E:0.08, h1(0km), 1km, mb4.6/54, Error ellipse: s-maj=13.3km s-min=8.5km az=255.0

DJA 04 23:40:09.3, 1.4, 6.4S:4.14E, h18km, 12km, M5.1/14, mb4.8/14, MB5.4/5, MLV5.3/8, Mw(MB)4.9/5

ISC 04 23:40:05.4, 0.4, 6.29S:0.04:142.40E:0.06, h10km, n112, r=179/108, mb4.6/48, MS3.7/3D, New Guinea

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

Table with columns: STA, Name, Az, Az2, Phase, ID, Time, Res, ISC, h, m, s, ISC. Includes stations like PDAR, PDAR, NVAR, etc.

IDC 04 23:21 24.9 +0.9, 23 21 24.1 +0.1, 23 21 33.6 +1.2

IDC 04 23:23 27.1, 23 24 46.0

IDC 04 23:23 59.8 +1.1, 23 24 01.2

IDC 04 23:24 00.4 +1.4, 23 24 00.5 +1.0, 23 24 01.6

IDC 04 23:23 25 17.7 +1.7, 23 25 19.0

IDC 04 23:25 19.4 -0.5, 23 25 29.0 +1.2

IDC 04 23:25 22.8 +0.9, 23 25 23.4 +1.6, 23 25 24.5 +1.5, 23 25 24.1 +0.5, 23 25 15.8 +3.8, 23 24 26.7 -0.5, 23 24 41.8 +0.5

IDC 04 23:22 13.4 +1.5, 0.576S:128.70E, h250km, 171km, mb3.0/1, mbtmp3.8/4, Error ellipse: s-maj=120.8km s-min=50.0km az=44.0, Banda Sea

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

IDC 04 23:40:04.3, 0.7, 6.02S:142.66E, h0km, mb4.3/15, mbtmp4.4/19, ML1.9/1, MS3.3/11, Error ellipse: s-maj=22.3km s-min=13.7km az=84.0

NEIC 04 23:40:05.1, 1.4, 6.21S:0.05:142.45E:0.08, h1(0km), 1km, mb4.6/54, Error ellipse: s-maj=13.3km s-min=8.5km az=255.0

DJA 04 23:40:09.3, 1.4, 6.4S:4.14E, h18km, 12km, M5.1/14, mb4.8/14, MB5.4/5, MLV5.3/8, Mw(MB)4.9/5

ISC 04 23:40:05.4, 0.4, 6.29S:0.04:142.40E:0.06, h10km, n112, r=179/108, mb4.6/48, MS3.7/3D, New Guinea

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

IDC 04 23:40:04.3, 0.7, 6.02S:142.66E, h0km, mb4.3/15, mbtmp4.4/19, ML1.9/1, MS3.3/11, Error ellipse: s-maj=22.3km s-min=13.7km az=84.0

NEIC 04 23:40:05.1, 1.4, 6.21S:0.05:142.45E:0.08, h1(0km), 1km, mb4.6/54, Error ellipse: s-maj=13.3km s-min=8.5km az=255.0

DJA 04 23:40:09.3, 1.4, 6.4S:4.14E, h18km, 12km, M5.1/14, mb4.8/14, MB5.4/5, MLV5.3/8, Mw(MB)4.9/5

ISC 04 23:40:05.4, 0.4, 6.29S:0.04:142.40E:0.06, h10km, n112, r=179/108, mb4.6/48, MS3.7/3D, New Guinea

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ARGC Ariguani, Magd, SDV Santo Domingo, APAC Apartado, Choc, etc.

IDC 05 00:18:59.3, 1.2, 3.89N, 127.50E, h0km, mb3.9/5, mltmp3.9/5, Error ellipse: s-maj=86.0km s-min=21.7km az=70.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MMRI Maumere, LBF1 Labuhan Bajo, WSI Waingapu, etc.

IDC 05 00:19:19.0, 0.6, 4.1N, 162.8E, h151km, 7km, M4.0/12, mB4.7/1, mB4.1/4, MLV3.9/12, Mw18.1/3.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GAMI Galela, Maluku, SGSI Sangihe, DAV Davao City, etc.

IDC 05 00:24:32.2, 2.5, 6.49S, 147.06E, h52km, 25km, mb3.7/10, mltmp4.1/13, ML3.6/2, MS3.4/17, Error ellipse: s-maj=28.7km s-min=12.8km az=105.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PMG Port Moresby, CTA Charters Tower, WRA Warrungarra Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JUNU Nakatsue, MJAR Matushiro Arr, KSRS Korea Array, etc.

IDC 05 00:31:11.0, 1.1, 0.1, 5.35E, 87N, 137.14E, h117km, 22km, mb3.2/3, mltmp3.6/4, Error ellipse: s-maj=38.0km s-min=13.1km az=69.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JNG Nsakai, MJAR Matushiro Arr, MJAT Matsushiro, etc.

IDC 05 00:48:29.9, 5.3, 8.02S, 127.79E, h82km, 68km, mb3.6/1, mltmp3.9/5, ML3.6/4, Error ellipse: s-maj=72.3km s-min=30.2km az=63.0

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

IDC 05 00:49:33.4, 1.7, 88S, 122.01E, h0km, mb3.6/2, mltmp3.7/5, ML3.7/3, Error ellipse: s-maj=145.7km s-min=23.2km az=59.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MMRI Maumere, BSSI Bau Bau, DBNI Kabupaten Domp, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KBG Krutoberegovo, BKI Bering, SMKR Semkarok, etc.

IDC 05 00:56:59.9, 4.1, 2.73S, 74.41E, h0km, mb3.9/4, mltmp3.9/4, Error ellipse: s-maj=147.9km s-min=35.5km az=40.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08S2 Diego Garcia H, H08S1 Diego Garcia H, H08S3 Diego Garcia H, etc.

IDC 05 01:16:56.0, 1.9, 21.46S, 0.04E, 170.5E, 0.1, h150km, 7km, mB4.0/2, Error ellipse: s-maj=14.3km s-min=5.6km az=74.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BVAR Borvoayre Arr, WRA Warrungarra Arr, YKA Yellowknife Arr, etc.

IDC 05 01:16:57.0, 1.6, 21.52S, 170.43E, h167km, 13km, mB4.0/10, mltmp4.5/13, MS3.2/2, Error ellipse: s-maj=18.1km s-min=14.2km az=13.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MAREC Mare, LOYALTY Loyalty Islands, MARNC Mare, etc.

Table with columns: LOT, MORH, MLR, etc. and rows for stations like Lotru, Mray, Hungary, etc. Includes station names, coordinates, and various codes.

Table with columns: SUW, MNK, MNK, etc. and rows for stations like Suwalki, Minsk, etc. Includes station names, coordinates, and various codes.

Table with columns: KKAR, DBIC, GAR, etc. and rows for stations like Karatay Array, Dimbokro, etc. Includes station names, coordinates, and various codes.

IDC 05 03:37:30.4±50.0, 16:29S; 177:46W, h0km, mb3.9/3, mbmtpp3.9/3, Error ellipse: s-maj=920.8km s-min=173.4km az=77.0, Fiji Islands region

SSNC 05 04:45:56.1.1.1. 20.30N:74.51W, h0km, MD1.7, ML0.0, Presumed earthquake, Cuba region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Includes stations like MASC Masc, MASC Masc, MASC Masc, etc.

IDC 05 05:06:27.9.0.8.53.91N:164.30W, h0km, mb4.1/25, m1mtp=1.128, ML3.0/3, MS3.5/56, Error ellipse: s-maj=21.7km s-min=11.8km az=167.0

AEIC 05 05:06:32.5.1.9.53.78N/0.06.164.14W:0.06, h26km, 5km, Error ellipse: s-maj=8.9km s-min=4.2km az=156.0

NEIC 05 05:06:34.5.1.5.53.85N/0.05.164.19W:0.07, h4.1km, 9km, mb4.0/27, ML4.5/20, ML4.2(AEIC), Error ellipse: s-maj=8.3km s-min=4.7km az=153.0

ISC 05 05:06:34.3.1.0.53.84N:0.06.164.13W:0.03, h47km, 9km, n233, s1909/199, mb4.2/36, MS3.5/53, Unimik Island region

Main table of seismic stations with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Includes stations like SSSL Shishaldin Sou, SSSL Shishaldin, SSSL Shishaldin, etc.

Table of seismic stations with columns: KDAK, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Includes stations like KDAK Kodiak Hills, KDAK Kodiak Hills, KDAK Kodiak Hills, etc.

Table of seismic stations with columns: MJAR, Station Name, Azimuth, Phase ID, Time, Residual, ISC. Includes stations like MJAR Albuquerque, MJAR Albuquerque, MJAR Albuquerque, etc.

s145,c257; Duration: 1s2 Moment tensor: Scale 1017 Nm; M₁-1.39±.02; M₂0.08±.02; M₃1.31±.02; M₀-0.42±.01; M₀₀-0.39±.01; M₀₁-0.57±.01; Best double couple: Mo1.57600±0.1017; NP1±0.187.00000±.833.00000±.λ-105.00000°. NP2±0.25.00000±.858.00000°. λ-80.00000°. Principal axes: T 1.5750, Plg13.00000, Azim108.00000; N 0.0020, Plg8.00000, Azm20.00000; P -1.5760, Plg75.00000, Azm322.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
 NEIC 05 06:19:43.7, 22:30S: 175.53W, h40km, Moment Tensor Solution: Duration: 2s3 Moment tensor: Scale 1017Nm; M₁-0.67; M₂-0.05; M₃0.72; M₀-0.49; M₀₀-1.0; M₀₁-0.67; Fault plane solution: N1.09000±0.1017. NP1: 0±168.37000°, 824.48000°, λ-127.32000°. NP2: 0±28.32000°, 870.76000°, λ-74.57000°. Principal axes: T 1.0679, Plg24.00000, Azim106.00000; N 0.0409, Plg15.00000, Azm203.00000; P -1.1088, Plg61.00000, Azm321.00000;

ISC 05 06:19:38.5±0.3, 22:38S±0.04, 175.58W±0.05, h40km±2km, h40km±p-P, n1109, e136±1052, mb5.5/137, MS4.8/192, GC2-53D, Tonga Inias region

Code	Station Name	Lat	Lon	Phase	ID	Time Res	ISC
		° S	° W			h m s	ISC
NIUE	Niue	6.22	59	Op	ISC	06 21 04.2	-3.7
NIUE	Niue	6.22	59	P	Pn	06 21 04.5	-3.4
NIUE	Niue	6.22	59	S	Sn	06 22 04.0	-1.4
RAO	Raoul Island	7.16	197	P	Pn	06 21 22.2	+1.4
RAO	Raoul Island	98m, 0.3s, baz=3.0, slow=16, SNR=1.9			Sn	06 22 43.4	+2.6
RAO	Raoul Island	7.16 197	Ph	Pn	Pn	06 21 19.8	-1.0
GLKZ	Green Lake	7.17 197	P	Sn	Sn	06 21 23.4	+2.5
GLKZ	Green Lake		S	Sn	Sn	06 22 42.9	+1.7
MSVF	Nonsavu	7.56 207	P	Pn	Pn	06 21 32.1	+6.7
MSVF	Nonsavu	7.56 207	P	Pn	Pn	06 21 32.9	+6.5
AFI	Afiatama	9.16 24	P	Pn	Pn	06 21 44.8	-3.6
AFI	Afiatama	100m, 0.5s, baz=4.2, slow=1.1, SNR=22			Sn	06 23 19.3	-1.1
RAR	Rarotonga	14.73 88	P	Pn	Pn	06 23 01.0	-3.2
RAR	Rarotonga	14.73 88	P	Pn	Pn	06 25 29.8	-1.6
RAR	Rarotonga	52m, 0.5s, baz=61, slow=19, SNR=5.7			Sn	06 27 41.9	
RAR	Rarotonga	14.73 88	P	Pn	Pn	06 23 00.9	-3.3
RAR	Rarotonga	14.73 88	Ph	Pn	Pn	06 22 59.5	-4.7
RAR	Rarotonga	14.73 88	P	Pn	Pn	06 23 00.5	-3.7
RAR	Rarotonga	14.73 88	S	Sn	Sn	06 25 28.2	-1.8
MARNC	Mare, Loyalty	15.24 270	P	Pn	Pn	06 23 15.7	+0.4
OZU	Omahuta	15.91 214	P	Pn	Pn	06 23 20.6	+1.0
OZU	Omahuta	15.91 214	P	Pn	Pn	06 23 25.1	+2.4
YATWC	Marmie plateau	16.24 268	P	Pn	Pn	06 23 28.3	+1.8
OUCNC	Ouen Island, N	16.26 267	P	Pn	Pn	06 23 27.2	+0.5
OUCNC	Ouen Island, N	16.26 267	Ph	Pn	Pn	06 23 22.8	-1.3
HAZ	Te Kaha	16.36 199	P	Pn	Pn	06 23 21.6	-3.6
HAZ	Te Kaha		S	Sn	Sn	06 26 18.4	-7.3
PUZ	Muketiti	16.52 197	S	Sn	Sn	06 23 25.9	-1.4
PUZ	Muketiti		S	Sn	Sn	06 23 17.7	-1.2
DZM	Mout Dzumac	16.65 268	P	Pn	Pn	06 23 35.2	+4.1
DZM	Mout Dzumac	177m, 1.0s, baz=89, slow=16, SNR=32			LR	06 27 57.1	
DZM	Mout Dzumac	comp-Z, 892m, 20.5s, baz=140, slow=30			LR	06 27 57.1	
MKAZ	Moumakai	16.72 207	P	P	P	06 23 34.7	+3.0
NOUC	Port Laquerre	16.78 267	P	P	P	06 23 33.9	+1.5
MWZ	Matawai	16.97 199	P	P	P	06 23 36.2	+1.8
MWZ	Matawai		S	Sn	Sn	06 26 27.9	-1.3
URZ	Urewera	17.03 200	P	P	P	06 23 35.2	+0.1
URZ	Urewera	3.2m, 0.3s, baz=248, slow=32, SNR=14			S	06 26 33.3	-8.6
URZ	Urewera	22m, 0.6s, baz=116, slow=17, SNR=7.5			LR	06 23 34.1	+0.4
URZ	Urewera	17.03 200	P	Pn	Pn	06 23 35.2	+0.1
TOZ	Tahuroa Road	17.12 205	Ph	Pn	Pn	06 23 30.6	-1.2
TOZ	Tahuroa Road	17.12 205	P	Pn	Pn	06 23 38.7	+2.6
RAGZ	Rawiri	17.15 199	P	Pn	Pn	06 23 35.8	+0.5
RIGZ	Rimuhau	17.25 198	P	Pn	Pn	06 23 37.4	-0.1
MUGZ	Murupara	17.34 217	P	Pn	Pn	06 23 47.0	+3.3
TLZ	Tolley Road	17.64 204	P	P	P	06 23 45.2	+3.3
RAHZ	Arahi	17.64 199	P	P	P	06 23 43.9	+2.0
SANVU	Saraoutou	17.68 290	P	P	P	06 23 44.4	+2.0
SANVU	Saraoutou	17.68 290	P	Ph	Ph	06 23 40.9	-1.0
SANVU	Saraoutou		Iamb	Iamb	Iamb	06 23 48.5	
NMHZ	Naumai	17.89 200	P	P	P	06 23 45.9	+1.2
BKZ	Black Stump Fm	18.05 200	P	Pn	Pn	06 23 45.0	-1.4
BKZ	Black Stump Fm	18.05 200	P	Pn	Pn	06 23 43.3	-1.1
HTZ	Hauti	18.05 205	P	Pn	Pn	06 23 47.2	+0.8
OTVZ	Oturere	18.33 202	P	Pn	Pn	06 23 48.1	+1.6
FWVZ	Far West T-bar	18.45 202	P	Pn	Pn	06 23 51.8	+0.4
BHHZ	Black Hill Sta	18.49 201	P	Pn	Pn	06 23 49.4	-1.9
VRZ	Vera Road	18.62 204	P	Pn	Pn	06 23 54.2	+0.9
BFZ	Birch Farm	19.52 199	P	Pn	Pn	06 24 04.2	+0.3
SNZS	South Karori	20.58 201	P	Pn	Pn	06 24 14.4	+0.5
SNZS	South Karori	20.58 201	P	Pn	Pn	06 24 13.2	-0.6
QRZ	Quartz Range	20.96 206	P	Pn	Pn	06 24 19.9	-0.9
KHZ	Chatham Island	21.32 182	P	P	P	06 24 21.5	-0.4
CTZ	Kahutara	21.96 202	P	P	P	06 24 28.3	-0.4
RPHZ	Rata Peaks	23.99 204	P	P	P	06 24 49.4	+0.1
LHI	Lord Howe Isla	34.23 243	P	P	P	06 24 53.2	+0.7
LHI	Lord Howe Isla	24.33 243	P	Iamb	Iamb	06 24 50.3	-2.3
LHI	Lord Howe Isla		Iamb	Iamb	Iamb	06 24 59.5	
PPT	Papeete	24.89 84	LR	LR	LR	06 32 11.9	
PPT	Papeete	comp-Z, 1um, 20.9s, baz=264, slow=30					
JCZ	Jackson Bay	25.20 207	P	P	P	06 25 00.3	-0.2
ODZ	Otahua Downs	25.28 203	P	P	P	06 25 02.1	+1.1
HNR	Honiara	26.77 295	LR	LR	LR	06 34 47.1	
HNR	Honiara	comp-Z, 20m, 19.5s, baz=342, slow=34					
HNR	Honiara	26.77 295	P	P	P	06 25 14.7	-0.2
HNR	Honiara	26.77 295	P	Pmax	Pmax	06 25 14.7	-0.2
HNR	Honiara		Pmax	Pmax	Pmax		
ARMA	Armidale	30.37 248	P	P	P	06 25 47.5	+0.6
ARMA	Armidale	comp-Z, 68m, 0.9s					
ARMA	Armidale	30.37 248	P	P	P	06 25 48.3	+1.4
ARMA	Armidale	30.37 248	P	Iamb	Iamb	06 25 45.6	-1.3
ARMA	Armidale		Iamb	Iamb	Iamb	06 25 54.4	
EIDS	Eidsvold	30.59 258	P	P	P	06 25 50.1	+1.3
EIDS	Eidsvold	comp-Z, 48m, 0.8s					
EIDS	Eidsvold	30.59 258	P	P	P	06 25 49.5	+0.7
EIDS	Eidsvold	comp-Z, 55m, 1.2s					
EIDS	Eidsvold	30.59 258	P	P	P	06 25 47.0	-1.8
EIDS	Eidsvold		Iamb	Iamb	Iamb	06 25 50.9	
CAN	Canberra	33.42 239	P	P	P	06 26 15.3	+1.7
CAN	Canberra	comp-Z, 256m, 1.0s					
CAN	Canberra	33.42 239	P	P	P	06 26 14.5	+0.9
CAN	Canberra	33.42 239	P	Iamb	Iamb	06 26 11.3	-2.3
CAN	Canberra		Iamb	Iamb	Iamb	06 26 19.3	
CAN	Canberra	comp-Z, 44m, 0.9s					
CAN	Canberra		IAMS_20	IAMS_20	IAMS_20	06 38 49.2	
CAN	Canberra	33.42 239	P	P	P	06 26 11.3	-2.3
CAN	Canberra		Pmax	Pmax	Pmax		
CAN	Canberra	comp-Z, 44m, 0.9s					
CAN	Canberra	comp-Z, 2um, 20.0s					
YNG	Young	33.69 241	P	P	P	06 26 16.4	+0.4
YNG	Young	comp-Z, 46m, 0.9s					
MILA	Mila	33.73 246	P	P	P	06 26 17.8	+1.5
MILA	Mila	comp-Z, 13m, 0.8s					
CMSA	Cobar Meteorol	35.56 247	P	P	P	06 26 32.6	+0.5
CMSA	Cobar Meteorol	comp-Z, 98m, 0.9s					
CMSA	Cobar Meteorol	35.56 247	P	P	P	06 26 31.9	-0.2
CTA	Charters Tower	35.59 266	P	P	P	06 26 32.2	-0.3
CTA	Charters Tower	comp-Z, 25m, 0.7s					
CTA	Charters Tower	35.59 266	LR	LR	LR	06 40 13.2	
CTA	Charters Tower	comp-Z, 551m, 19.0s, baz=76, slow=35					
CTA	Charters Tower	35.59 266	P	P	P	06 26 32.5	0.0
CTA	Charters Tower	35.59 266	P	P	P	06 26 32.2	0.3
CTA	Charters Tower	35.59 266	P	P	P	06 26 32.5	0.0
CTA	Charters Tower	35.59 266	P	P	P	06 26 32.1	-0.4

CTAO	comp-Z, 111m, 1.1s	Iamb	Iamb	06 26 36.9
CTAO	Charters Tower	35.59 266	P	06 26 32.1 -0.4
CTAO	Charters Tower	comp-Z, 111m, 1.1s	Pmax	
KRVZ	Keravat	36.14 295	LR	06 40 04.4
KRVZ	Keravat	comp-Z, 150m, 21.9s, baz=18, slow=34	LR	
TOO	Toolangi	36.69 237	P	06 26 42.3 +0.6
TOO	Toolangi	comp-Z, 15m, 0.9s	P	
TOO	Toolangi	36.69 237	P	06 26 40.6 -1.1
TOO	Toolangi	36.69 237	P	06 26 40.6 -1.1
TOO	Toolangi		Pmax	
QLP	Quilpie	36.71 255	P	06 26 41.6 -0.4
QLP	Quilpie	comp-Z, 81m, 1.1s, slow=20.0m	P	
QLP	Quilpie	36.71 255	P	06 26 42.9 +0.9
MTSU	Mount Surprise	37.79 269	P	06 26 52.4 +1.2
MTSU	Mount Surprise	comp-Z, 64m, 0.9s	P	
PMG	Port Moresby	37.97 284	LR	06 40 44.7
PMG	Port Moresby	comp-Z, 178m, 19.2s, baz=120, slow=34	LR	
PMG	Port Moresby	37.97 284	P	06 26 52.3 -0.5
PMG	Port Moresby		Iamb	
PMG	Port Moresby		Iamb	
PMG	Port Moresby	comp-Z, 125m, 0.9s	P	06 42 24.9
PMG	Port Moresby	comp-Z, 1um, 19.0s	IAMS_20	IAMS_20
PMG	Port Moresby	37.97 284	Pmax	06 26 53.9
PMG	Port Moresby		Pmax	
PMG	Port Moresby	comp-Z, 157m, 1.3s	P	06 26 52.7 -0.1
PMG	Port Moresby	37.97 284	P	06 26 52.7 -0.1
STKA	Stevens Creek	39.06 247	P	06 27 01.3 -0.5
STKA	Stevens Creek	comp-Z, 152m, 1.3s	P	
STKA	Stevens Creek	39.06 247	P	06 27 01.2 -0.6
STKA	Stevens Creek	comp-Z, 219m, 1.0s	P	
STKA	Stevens Creek	comp-Z, 93m, 0.8s, baz=90, SNR=46	S	06 32 58.8 +0.2
STKA	Stevens Creek	comp-Z, 5.6m, 1.1s, baz=336, slow=19, SNR=3.8	LR	06 42 35.4
STKA	Stevens Creek	comp-Z, 1um, 19.2s, baz=77, slow=35	LR	
STKA	Stevens Creek	comp-Z, 33m, 0.8s	LR	
STKA	Stevens Creek	39.06 247	P	06 27 01.6 -0.2
STKA	Stevens Creek	39.06 247	P	06 27 00.3 -1.5
ARPS	Arnt Rapids	39.39 239	P	06 27 04.5 +0.1
ARPS	Arnt Rapids	comp-Z, 39m, 0.9s	P	
INKA	Innaminka	39.77 253	P	06 27 10.6 -1.9
COEN	Coen	39.97 275	P	06 27 10.6 +1.0
COEN	Coen	comp-Z, 171m, 1.1s	P	
COEN	Coen	39.97 275	P	06 27 09.7 +0.2
COEN	Coen		Iamb	
COEN	Coen		Iamb	
COEN	Coen	comp-Z, 142m, 0.9s	Iamb	06 27 11.8
MANU	Manus Island	41.27 294	P	06 27 18.7 -1.6
MANU	Manus Island		Iamb	
MANU	Manus Island	comp-Z, 97m, 1.1s	Iamb	06 27 23.8
HTT	Hallett	41.40 244	P	06 27 20.9 -0.3
HTT	Hallett	comp-Z, 44m, 0.9s	P	
HTT	Hallett	41.40 244	P	06 27 20.9 -0.3
HTT	Hallett	41.40 244	P	06 27 20.9 -0.3
QIS	Mount Isa	41.63 264	P	06 27 23.0 -0.2
QIS	Mount Isa	comp-Z, 35m, 1.1s	P	
QIS	Mount Isa	41.63 264	P	06 27 23.0 -0.2
QIS	Mount Isa	41.63 264	P	06 27 48.1 -1.3
WAKS	Wake Island	44.90 336	P	06 27 55.0 -3.6
KNHH	Kane Nui o Ham	46.04 27	P	06 27 59.0 -1.2
AS17	Alice Springs	46.24 258		

Table with columns for station name, frequency, power, and other technical details. Includes stations like PSI, KLU, CRQE, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like YUKA, P32M, M27K, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like COLA, ILAR, YNE, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like C19K Lookout Ridge, F24K Squaw Lake, I29M Ogilvie Camp, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like JTS comp=Z,128nm,21.8s, F30M comp=Z,25nm,1.2s, E28M Babbarge River, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like MK31 Makanchi Array, MKAR Makanchi Array, WUS Wushu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like APVN, APO3, APO3, WILN, WILN, WILN, etc.

IDC 05 06:34:10.7-4.7, 5.62S-132.98E, h0km, mb4.02, mbtm3.8/4, ML4.2, Error ellipse: s-maj=304.4km s-min=29.3km az=77.0, Aru Islands region

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

IDC 05 06:35:42.5-3.5, 5.53S-132.98E, h0km, mbtm2.6/2, ML2.0/1, Error ellipse: s-maj=32.5km s-min=17.4km

ASRS 05 06:35:37.0-0.8, 5.53S-132.98E, h0km, M2.4(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022., Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I46RU, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR, etc.

JMA 05 06:37:39.8-0.1, 22.1N, 0.4-12.1E, h11km, 2km, MV3.8/13, TAIWAN REGION

TAP 05 06:37:42.5, 22.33N, 120.95E, h41km, ML3.9, B

ISC 05 06:37:42.9-1.2, 22.30N, 120.94E, 0.02, h44km, 5km, n150, s1941/253, Taiwan

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

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

IDC 05 07:35:35.6-1.4, 4.9S-164N, 0.09-18.06E, h10km, n7, s043/10, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like M6RU, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR, etc.

IDC 05 07:37:57.1-2.8, 4.58S, 129.35E, h224km, 40km, mb3.1/1, mbtm3.8/5, Error ellipse: s-maj=65.5km s-min=16.5km

ISC 05 07:37:57.8-0.9, 4.62S, 129.49E, 0.10, h250km, n11, s162/12, Banda Sea

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

IDC 05 07:49:25.2-1.3, 27.41N, 103.75E, h0km, mb3.5/4, mbtm3.5/4, Error ellipse: s-maj=434.0km s-min=23.0km az=56.0, Yunnan

ISC 05 07:49:25.2-1.3, 27.41N, 103.75E, h0km, mb3.5/4, mbtm3.5/4, Error ellipse: s-maj=434.0km s-min=23.0km az=56.0, Yunnan

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

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

ASRS 05 06:59:06.0-0.6, 5.379N, 91.05E, h0km, M2.6(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 05 06:59:20.9-3.7, 5.319N, 89.85E, h0km, mbtm3.1/3, ML2.7/3, Error ellipse: s-maj=35.5km s-min=24.3km az=38.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I46RU, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR, etc.

ISC 05 07:35:35.6-1.4, 4.9S-164N, 0.09-18.06E, h10km, n7, s043/10, Czech and Slovak Republics

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like M6RU, ZALV, ZALV, KURBB, KURBB, MKAR, MKAR, etc.

IDC 05 07:37:57.1-2.8, 4.58S, 129.35E, h224km, 40km, mb3.1/1, mbtm3.8/5, Error ellipse: s-maj=65.5km s-min=16.5km

ISC 05 07:37:57.8-0.9, 4.62S, 129.49E, 0.10, h250km, n11, s162/12, Banda Sea

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

IDC 05 07:49:25.2-1.3, 27.41N, 103.75E, h0km, mb3.5/4, mbtm3.5/4, Error ellipse: s-maj=434.0km s-min=23.0km az=56.0, Yunnan

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

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like SPBC San Pablo de B, RUSC La Rusia, ROSC El Rosal, etc.

IDC 05 07:59:53.6±2.4, 1639S×177.81W, h0km, mb3.5/4, mbtmp3.5/4, Error ellipse: s-maj=142.8km s-min=30.4km az=15.0, Fiji Islands region

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

ASRS 05 08:03:08.0±0.7, 53.68N:86.77E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 05 08:03:11.5±3.0, 53.72N:86.84E, h0km, mbtmp2.8/2, ML2.6/2, Error ellipse: s-maj=27.7km s-min=15.6km az=67.0, Southwestern Siberia

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

IDC 05 08:05:04.1±1.3, 11.00N:86.04W, h0km, mb3.3/4, mbtmp3.3/4, Error ellipse: s-maj=37.8km s-min=17.1km az=44.0,

CATAC 05 08:05:04.6±0.4, 10.12N:86.76W, h10km, M4.0/37, ML4.0/37, Error ellipse: s-maj=5.7km s-min=3.6km az=26.0, confirmed

UCR 05 08:05:05.7±0.7, 10.41N:86.31W, h15km, 5km, MW4.1, Presumed earthquake

ISC 05 08:05:04.5±1.3, 10.41N:086.33W:0.04, h1km±8km, n130, r19/16, mb3.3/4, Off coast of Costa Rica

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like SACU Santa Cruz, DELF Filadelfia, ALIBA Liberia Airpor, etc.

Table with columns: JTS, comp=Z, 102mm, 20.4s, baz=97, slow=49, LR LR. Includes stations like JTS Las Juntas de, JTS Las Juntas de, JTS El Achiotte, etc.

IDC 05 08:21:35.5±3.9, 53.81N:88.06E, h0km, mbtmp2.9/2, ML2.4/2, Error ellipse: s-maj=36.3km s-min=19.8km az=46.0,

ASRS 05 08:21:31.0±1.6, 53.82N:88.17E, h0km, M2.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 05 08:28:56.5±3.8, 53.52N:87.86E, h0km, mbtmp2.9/2, ML2.5/1, Error ellipse: s-maj=37.1km s-min=18.3km az=52.0,

ASRS 05 08:28:55.0±0.9, 53.54N:87.86E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

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

IDC 05 08:28:56.5±3.8, 53.52N:87.86E, h0km, mbtmp2.9/2, ML2.5/1, Error ellipse: s-maj=37.1km s-min=18.3km az=52.0,

ASRS 05 08:28:55.0±0.9, 53.54N:87.86E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 05 08:28:55.0±0.9, 53.54N:87.86E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

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

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KURBB Kurchatov Arra, MKAR Makanchi Array, etc.

IDC 05 08:35:54.0±3.2, 54.33N:87.29E, h0km, mbtmp3.0/2, ML2.6/2, Error ellipse: s-maj=28.4km s-min=19.9km az=44.0,

ASRS 05 08:35:54.0±1.0, 54.22N:87.11E, h0km, M2.7(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

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

IDC 05 08:45:56.1±3.1, 53.67N:87.90E, h0km, mbtmp2.9/2, ML2.4/2, Error ellipse: s-maj=24.8km s-min=15.9km az=67.0,

ASRS 05 08:45:52.0±0.7, 53.66N:87.95E, h0km, M2.8(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

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

IDC 05 08:51:19.1±3.8, 53.56N:87.62E, h0km, mbtmp2.9/2, ML2.4/2, Error ellipse: s-maj=36.8km s-min=18.1km az=53.0,

ASRS 05 08:51:14.0±1.0, 53.58N:87.67E, h0km, M2.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

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

UPP 05 09:00:34.3±0.5, 67.42N:23.37E, h0km, ML1.9, Suspected explosion

HEL 05 09:00:34.5±0.2, 67.47N:23.37E, h0km, ML1.5, Suspected explosion

BER 05 09:00:34.3±0.3, 67.20N:23.84E, h0km, ML1.6, Suspected explosion

IDC 05 09:00:34.7±1.6, 67.44N:23.73E, h0km, mbtmp2.4/2, ML1.9/2, Error ellipse: s-maj=33.9km s-min=8.1km az=96.0,

ISC 05 09:00:33.2±0.7, 67.46N:02.23:46E:0.02, h0km, n37, r1501/54, Sweden

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like KLF Kolari, PAJU Pajala, etc.

5d 9h

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like E19K Redstone River, DLMT Dillon, M30M Minho, etc.

2020 JUN

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like H29M Whitestone, CMAR Chiang Mai Arr, CMAR Naroch, etc.

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Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like MNK comp=E,542nm,16.2s, NACGM Naroch, AKASG Malin Array, etc.

PETK	Petroglavovsk-comp=2.2,8nm,0.5s,baz=154,slow=5.5,SNR=17	61.72 359	P	P	10 44 17.0 -0.1
PETK	comp=2.2,8nm,0.5s	LR	LR		11 07 24.0
KLR	Kul'dur	62.45 340	LR	LR	11 08 40.3
AMKA	Amchitka	62.59 14	P	P	10 44 23.2 +0.3
AMKA	comp=Z,1.1nm,1.0s	IAMB	IAMB		10 44 27.6
SHEM	Shemya Is, Ala	62.75 11	LR	LR	11 08 36.1
SHEM	comp=Z,3.3nm,19.8s,baz=132,slow=3.3				
SMY	Shemya	62.75 11	P	P	10 44 24.5 +0.5
KIWB	Kanaga Island	63.95 16	P	P	10 44 27.7 +0.1
ADK	Adak	64.11 17	P	P	10 44 33.6 +0.5
ADK	comp=Z,1.1nm,0.8s	IAMB	IAMB		10 44 56.6
CMAR	Chiang Mai Arr	64.81 295	P	P	10 44 38.2 -0.2
CMAR	comp=Z,0.9nm,0.7s,baz=142,slow=5.0,SNR=6.0				
CMAR	Chiang Mai Arr	64.81 295	P	P	10 44 38.0 -0.4
HEH	Heihei	64.82 338	eP	P	10 44 40.4 +2.7
CHTO	Chiang Mai	64.93 295	P	P	10 44 38.7 -0.4
PZH	PanZhihua	65.41 304	P	P	10 44 44.2 +2.4
HHC	Hu-ho-hao-te	65.71 322	eP	P	10 44 45.3 +1.4
HHC	comp=Z,1.3nm,0.7s	pmax	pmax		
HHC	comp=Z,4.0nm,4.5s	pmax	pmax		
CASY	Casey	65.99 199	P	P	10 44 46.1 +1.0
CASY	comp=Z,0.9nm,0.7s	IAMB	IAMB		10 45 22.4
HILR	Hailar Array B	67.34 334	P	P	10 44 53.9 -0.1
HILR	comp=Z,1.0nm,0.3s,baz=139,slow=6.2,SNR=1.9				
LZH	Lanzhou	68.15 315	eP	P	10 45 08.4 +8.8
LZH	comp=Z,1.0nm,0.3s	pP	pP		10 45 20.7 -4.7
LZH	comp=Z,1.0nm,0.3s	sP	sP		10 45 26.2 +1.5
LZH	comp=Z,1.0nm,0.3s	pmax	pmax		
MA2	Magadan	68.48 356	LR	LR	11 16 58.3
MA2	comp=Z,1.5nm,18.6s,baz=146,slow=38				
MA2	Magadan	68.48 356	P	P	10 45 00.2 -0.7
MA2	comp=Z,1.5nm,18.6s,baz=146,slow=38	IAMB	IAMB		10 45 18.7
PBA	Port Blair	68.58 286	P	P	10 45 01.9 -0.5
VNDA	Vanda	68.67 179	P	P	10 45 00.6 -1.4
VNDA	comp=Z,0.7nm,0.7s,baz=350,slow=8.5,SNR=2.6				
VNDA	Vanda	68.67 179	P	P	10 45 00.9 -1.0
UNV	Unalaska Valle	69.07 21	P	P	10 45 04.0 -0.6
UNV	Unalaska Valle	69.07 21	P	P	10 45 04.5 -0.1
SPIA	Saint Paul Isl	70.58 17	P	P	10 45 14.9 +1.0
CHNA	Chernabura Isl	72.44 24	P	P	10 45 25.7 +0.5
SDPT	Sand Point	72.47 23	P	P	10 45 26.2 +0.8
ULN	Ulaanbaatar	72.50 326	P	P	10 45 25.2 -0.7
ULN	Ulaanbaatar	72.50 326	P	P	10 45 27.2 +1.3
GT42	Gaotai	72.61 316	pP	pP	10 45 27.2 +0.4
GT42	comp=Z,1.0nm,0.8s	pmax	pmax		10 45 36.1 +0.6
GT42	comp=Z,1.0nm,0.8s				
SOMN	Songino Array	72.84 326	P	P	10 45 28.1 +0.2
SOMN	comp=Z,4.5nm,0.8s				
SOMN	Songino Array	72.84 326	P	P	10 45 27.8 -0.1
S14K	Fog Glacier	73.51 23	P	P	10 45 32.7 +1.0
CHGN	Chignik	73.97 23	P	P	10 45 33.3 -0.8
YAK	Yakutsk	74.16 346	LR	LR	11 18 29.3
CHIR	Chirikof Islet	74.76 25	P	P	10 45 39.5 +0.7
O14K	Tiguykaiuvt M	75.10 20	P	P	10 45 41.0 +0.3
O14K	Tiguykaiuvt M	75.10 20	P	P	10 45 41.3 +0.7
M13K	Dall Lake	75.31 18	P	P	10 45 42.4 +0.6
N14K	Kuskokwak Cree	75.47 19	P	P	10 45 43.6 +0.9
O15K	Ungalikthiuk R	75.53 21	P	P	10 45 43.8 +0.6
R17L	Mt. Peulic Vol	75.70 23	P	P	10 45 43.5 -0.8
M14K	Bethel	76.01 19	P	P	10 45 46.2 +0.4
P16K	Nushagak River	76.08 21	P	P	10 45 46.6 +0.3
K13K	Kusilvak Mount	76.11 17	P	P	10 45 46.9 +0.4
K13K	comp=Z,6.1nm,0.6s	IAMB	IAMB		10 45 47.9
K13K	Kusilvak Mount	76.11 17	P	P	10 45 46.6 +0.1
N15K	Kwethluk River	76.18 20	P	P	10 45 47.3 +0.4
N15K	Kwethluk River	76.18 20	P	P	10 45 46.9 0.0
L14K	Kuka Creek	76.24 18	P	P	10 45 47.4 +0.3
Q16K	King Salmon	76.32 22	P	P	10 45 48.2 +0.6
Q17K	Contact Creek	76.33 23	P	P	10 45 47.5 -0.4
M15K	Kasigluk River	76.37 19	P	P	10 45 48.1 +0.2
O16K	Kokwak River B	76.45 21	P	P	10 45 49.1 +0.7
TLY	Talaya	76.49 328	LR	LR	11 21 30.4
ACHA	Angle Creek H	76.50 23	P	P	10 45 48.3 -0.5
ACHA	comp=Z,1.2nm,1.4s	IAMB	IAMB		10 46 10.4
OHAK	Old Harbor	76.66 25	P	P	10 45 49.5 -0.1
OHAK	Old Harbor	76.66 25	P	P	10 45 49.5 -0.1
P17K	Kvichak River	76.76 22	P	P	10 45 50.3 +0.1
N16K	Nishlik Lake	76.85 20	P	P	10 45 51.4 +0.7
L15K	Ungalak Mouta	76.86 18	P	P	10 45 50.1 -0.6
BILL	Bilibino	76.89 3	P	P	10 45 51.0 +0.3
Q18K	Katmai Hardscr	76.92 23	P	P	10 45 50.8 -0.4
O17K	Koliganek Bris	76.93 21	P	P	10 45 51.4 +0.2
M16K	Timber Creek	77.19 20	P	P	10 45 52.9 0.0
KDAK	Kodiak Island	77.31 24	P	P	10 45 53.2 0.0
KDAK	Kodiak Island	77.31 24	P	P	10 45 53.0 -0.3
K15K	Wolf Creek Mou	77.32 18	IAMB	IAMB	10 45 54.5
K15K	Wolf Creek Mou	77.32 18	P	P	10 45 53.3 +0.1
P18K	Big Mountain,	77.35 22	P	P	10 45 53.6 0.0
N17K	Nushagak Hills	77.43 21	P	P	10 45 54.3 +0.3
L16K	Owhat River	77.53 19	P	P	10 45 54.3 -0.1
Q19K	Cape Douglas,	77.64 23	P	P	10 45 54.6 -0.6
O18K	Koktuh Hills	77.67 22	P	P	10 45 55.4 0.0
M17K	Holitna River	77.97 20	P	P	10 45 57.3 +0.3
N18K	Kilae Creek	78.00 21	P	P	10 45 57.5 +0.4
ANN	Nome	78.03 15	P	P	10 45 57.9 +0.7
L17K	Donlin	78.22 19	P	P	10 45 58.7 +0.5
P19K	Oil Pt	78.28 23	P	P	10 45 58.7 0.0
J16K	Anvik River	78.35 18	P	P	10 45 60.0 +1.0
J16K	comp=Z,1.1nm,1.3s	IAMB	IAMB		10 46 01.9
J16K	Anvik River	78.35 18	P	P	10 45 59.2 +0.2
EVN	Everest	78.35 301	P	P	10 46 00.8 +0.3
M18K	Stony River	78.59 20	P	P	10 46 00.3 0.0
K17K	Iditarod	78.64 19	P	P	10 46 00.8 +0.3

G15K	Niukluk	78.72 15	P	P	10 46 02.0 +1.0
I17K	Unalakleet	78.78 17	P	P	10 46 01.8 +0.6
O20K	Slope Mountain	78.79 23	P	P	10 46 02.0 +0.4
L18K	Granite Mounta	78.81 20	IAMB	IAMB	10 46 03.0
L18K	Granite Mounta	78.81 20	P	P	10 46 02.0 +0.5
J17K	VABM Dome	78.89 18	P	P	10 46 02.7 +0.8
J17K	VABM Dome	78.89 18	P	P	10 46 02.2 +0.3
HOM	Horner	78.90 23	P	P	10 46 02.6 +0.6
F15K	North Star Dit	79.13 15	P	P	10 46 03.6 +0.3
BRSE	Bradley Lake S	79.30 23	P	P	10 46 04.4 +0.1
L19K	White Mountain	79.40 20	IAMB	IAMB	10 46 05.4 +0.6
L19K	comp=Z,5.1nm,0.7s	P	P		10 46 07.6
L19K	White Mountain	79.40 20	P	P	10 46 05.0 +0.3
G16K	Koyuk River	79.47 16	P	P	10 46 05.4 +0.3
SPNR	Spurr Chokach	79.68 22	P	P	10 46 06.4 0.0
CAPN	Captain Cook N	79.80 23	P	P	10 46 06.7 -0.2
H17K	Granite Mounta	79.80 17	P	P	10 46 07.2 +0.4
SLKM	Skilak Lake	79.99 23	IAMB	IAMB	10 46 28.4
G17K	Kiwalik Mounta	80.02 16	P	P	10 46 08.3 +0.3
SEW	Seward	80.04 24	P	P	10 46 08.5 +0.3
SEW	comp=Z,7.0nm,0.7s	IAMB	IAMB		10 46 08.7
SEW	Seward	80.04 24	P	P	10 46 08.1 -0.1
O22K	Cooper Landing	80.16 23	P	P	10 46 08.6 -0.3
H18K	Honhosa River	80.40 17	P	P	10 46 10.1 0.0
J19K	Poorman	80.40 19	P	P	10 46 10.3 +0.2
SKT	Skwentna	80.43 21	P	P	10 46 11.1 +0.7
K20K	Telida	80.46 20	P	P	10 46 11.2 +0.7
RC01	Novita Creek A	80.54 23	P	P	10 46 10.7 -0.3
F17K	Baldwin Pennin	80.57 15	P	P	10 46 11.7 +0.7
G18K	Tagagawik	80.86 16	P	P	10 46 12.1 -0.5
E17K	Hotham Inlet	80.92 15	P	P	10 46 13.2 +0.3
J20K	Novita River	81.00 19	P	P	10 46 13.4 +0.1
C16K	Lisburne Hills	81.04 13	P	P	10 46 13.6 +0.1
L22K	Petersville	81.06 21	P	P	10 46 13.0 -0.8
PMR	Palmer	81.08 23	IAMB	IAMB	10 46 16.5
PMR	Palmer	81.08 23	P	P	10 46 13.4 -0.3
D17K	Noatak River	81.10 14	P	P	10 46 13.5 -0.2
F18K	Selawik	81.11 16	P	P	10 46 14.1 +0.2
CAST	Castle Rocks	81.17 20	P	P	10 46 13.7 -0.6
H19K	Roundabout Mou	81.23 17	P	P	10 46 14.6 +0.1
GHO	Glory Hole Cre	81.27 22	IAMB	IAMB	10 46 15.4
I20K	Naagahedenes	81.31 18	P	P	10 46 14.9 -0.1
CHUM	Lake Minchumin	81.40 20	P	P	10 46 15.3 -0.2
RDOG	Red Dog Mine	81.42 14	P	P	10 46 16.0 +0.5
GLI	Galciel Island	81.44 24	P	P	10 46 15.4 -0.3
G19K	Purcell Mounta	81.48 17	IAMB	IAMB	10 46 17.0
G19K	Purcell Mounta	81.48 17	P	P	10 46 16.2 +0.3
E18K	Tukpahleark C	81.49 15	IAMB	IAMB	10 46 16.9
E18K	Tukpahleark C	81.49 15	P	P	10 46 16.0 +0.2
SML	Sawmill	81.51 23	IAMB	IAMB	10 46 24.6
SML	Sawmill	81.51 23	P	P	10 46 16.1 -0.1
H20K	Ananaga Mo	81.67 18	P	P	10 46 17.0 0.0
C17K	DeLong Mountai	81.69 13	P	P	10 46 17.1 +0.1
M23K	Glacier View	81.73 23	P	P	10 46 17.5 +0.1
EYAK	Cordova Ski Ar	81.79 24	P	P	10 46 17.4 -0.2
F19K	Shalercuck Mo	81.79 16	P	P	10 46 17.3 -0.2
TRF	Thorofare Moun	81.81 21	IAMB	IAMB	10 46 22.0
TRF	Thorofare Moun	81.81 21	P	P	10 46 17.1 -0.8
SCM	Sheep Creek Mo	81.91 23	IAMB	IAMB	10 47 00.8
SCM	Sheep Creek Mo	81.91 23	P	P	10 46 18.1 -0.2
WAT6	Suzuna Watana	82.20 22	P	P	10 46 20.1 +0.2
KLU	Klutina	82.26 24	P	P	10 46 20.6 +0.5
C18K	Utukok River	82.28 14	IAMB	IAMB	10 46 20.7
C18K	Utukok River	82.28 14	P	P	10 46 19.8 -0.3
RND	Reindeer	82.29 21	IAMB	IAMB	10 46 21.1
I21K	Tanana	82.36 19	IAMB	IAMB	10 46 21.6
I21K	Tanana	82.36 19	P	P	10 46 20.5 0.0
E19K	Redstone River	82.39 16	P	P	10 46 21.1 +0.4
H21K	Melozitna Riv	82.42 18	P	P	10 46 21.0 +0.1
MCK	McKinley	82.46 21	IAMB	IAMB	10 46 24.0
MCK	McKinley	82.46 21	P	P	10 46 20.8 -0.3
BMRM	Bremner River	82.49 24	P	P	10 46 22.1 +0.7
F20K	Avarart Lake	82.51 16	P	P	10 46 21.6 +0.3
M24K	Tolsona, Glenn	82.51 23	P	P	10 46 21.5 +0.1
DHY	Denali Highway	82.63 22	P	P	10 46 21.9 -0.3
MLY	Manley	82.67 19	P	P	10 46 22.0 -0.2
TIXI	Tiksi	82.71 351	LR	LR	11 20 38.8
G21K	Allakaket	82.78 17	IAMB	IAMB	10 46 23.5
G21K	comp=Z,3.7nm,0.7s	P	P		10 46 22.7 0.0
N25K	Chitina, Valde	82.85 24	P	P	10 46 23.1 -0.1
D19K	Kuna River	82.92 15	P	P	10 46 23.6 +0.2
D19K	comp=Z,6.4nm,0.8s	IAMB	IAMB		10 46 24.2
D19K	Kuna River	82.92 15	P	P	10 46 23.0 -0.4
NEA2	Nena	82.95 20	IAMB	IAMB	10 46 23.8
NEA2	Nena	82.95 20	P	P	10 46 22.6 -0.9
C19K	Lookout Ridge	83.01 14	IAMB	IAMB	10 47 05.4

C19K	Lookout Ridge	83.01 14	P	P	10 46 24.1 +0.2
H22K	Ishalina Cre	83.02 18	IAMB	IAMB	10 46 45.8
H22K	comp=Z,7.8nm,1.4s				
I23K	Minto, Yukon-K	83.19 20	P	P	10 46 25.3 +0.5
E20K	Nigu River	83.24 15	P	P	10 46 25.6 +0.5
F21K	Alta River	83.27 17	P	P	10 46 25.2 0.

5d 11h

Table with columns: COEN, Coen, 40.81 269, P, I, 11 43 45.7 +0.1, 11 44 26.1, 12 28 43.0, 12 28 46.9, 12 28 43.4, 11 43 54.4 -0.3, 11 43 57.2 +0.3, 11 44 58.5, 11 44 42.4 -1.4, 11 44 43.4 -1.3, 11 44 45.0, 11 44 43.2 -1.6, 11 44 43.7 -1.2, 11 44 43.7 -1.2, 11 45 20.9 +2.8, 11 45 20.9 +2.8, 11 46 10.1 +0.6, 11 46 10.1 +0.6, 11 44 43.4 -1.5, 11 44 44.9 -0.7, 11 44 44.7 -0.9, 11 46 10.2 +0.4, 11 51 29.0 -6.0, 11 44 45.0 -0.7, 11 46 09.7 -0.2, 11 45 15.8 -0.7, 11 45 21.9 -1.2, 11 45 22.7, 11 45 39.7 -0.9, 11 45 46.0 -0.7, 11 46 15.4 +0.3, 11 46 56.2 -0.7, 11 46 17.4 +1.7, 11 46 17.4 +0.4, 11 46 17.4 -0.4, 11 46 20.2 -0.9, 11 46 20.2 -0.9, 11 46 49.8 -0.8, 11 47 00.2 +0.2, 11 47 09.3, 11 47 08.2 -1.2, 11 47 08.2 -1.3, 11 47 25.6, 11 47 11.4 -1.4, 11 47 14.1 +0.5, 11 47 14.5, 11 47 13.7 -0.5, 11 47 14.0 -0.2, 11 47 14.9, 11 47 14.1 -0.1, 11 47 15.2, 11 47 16.5, 11 47 28.3 -0.1, 11 47 28.8 -1.0, 11 47 29.2 -0.6, 11 47 31.0, 11 47 32.4 +1.0, 11 47 34.3 -0.1, 11 47 34.4 -0.4, 11 47 36.2 +0.3, 11 47 40.1 -0.3, 11 47 41.2, 11 47 39.5 -0.9, 11 47 40.3 -0.1, 11 47 41.8 +0.3, 11 47 43.7, 11 47 41.1 -0.2, 11 47 45.1, 11 47 44.7, 11 47 42.0 0.0, 11 47 42.0 -0.8, 11 47 44.2, 11 47 42.7 -0.7, 11 47 43.5 +0.5, 11 47 43.2 -0.8, 11 47 46.4, 11 47 46.2, 11 47 45.2 +0.5, 11 47 46.8, 11 47 45.4 +0.1, 11 47 45.0 -0.7, 11 47 45.0 -0.6, 11 47 46.2 +0.4, 11 47 48.8, 11 47 48.4 +0.8, 11 47 50.1, 11 47 48.5 +0.2, 11 47 51.4, 11 47 50.4, 11 47 50.6, 11 47 48.5 +0.2, 11 47 51.4, 11 47 51.4, 11 47 53.1, 11 47 53.4, 11 47 53.6, 11 47 54.6, 11 47 54.7, 11 48 38.6, 11 47 55.1, 11 47 52.2 +0.2

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Table with columns: OHAK, Old Harbor, 76.77 12 P, P, 11 47 53.2 +0.3, 76.78 42 P, P, 11 47 54.5 +0.7, 76.78 42 P, P, 11 47 54.7 +1.0, 76.81 44 I, Amb, I, Amb, 11 47 56.1, 76.85 41 I, Amb, I, Amb, 11 47 56.3, 76.94 44 I, Amb, I, Amb, 11 47 56.8, 76.95 46 I, Amb, I, Amb, 11 47 57.2, 77.10 316 P, P, 11 47 56.1 +0.9, 77.27 43 I, Amb, I, Amb, 11 47 58.7, 77.29 10 I, Amb, I, Amb, 11 47 58.9, 77.29 10 P, P, 11 47 58.9 -0.2, 77.43 12 P, P, 11 47 56.9 +0.3, 77.49 7 P, P, 11 47 57.5 +0.6, 77.59 8 P, P, 11 47 57.6 +0.2, 77.70 9 P, P, 11 47 58.2 +0.2, 78.09 9 P, P, 11 48 00.2 0.0, 78.10 7 P, P, 11 48 00.3 +0.1, 78.15 4 P, P, 11 48 00.2 -0.3, 78.23 8 P, P, 11 48 01.0 0.0, 78.30 11 P, P, 11 48 01.2 -0.3, 78.47 10 P, P, 11 48 02.0 -0.4, 78.52 7 P, P, 11 48 02.6 0.0, 78.54 9 P, P, 11 48 02.8 +0.2, 78.70 51 P, P, 11 48 03.5 -0.8, 78.88 6 P, P, 11 48 05.2 +0.7, 78.91 10 P, P, 11 48 04.9 +0.1, 78.93 39 P, P, 11 48 06.0 +0.6, 78.97 7 P, P, 11 48 05.1 +0.1, 78.98 8 P, P, 11 48 05.2 +0.1, 79.06 11 P, P, 11 48 05.8 +0.2, 79.25 9 P, P, 11 48 06.9 +0.3, 79.36 12 P, P, 11 48 07.6 +0.4, 79.38 10 P, P, 11 48 07.5 +0.3, 79.39 6 P, P, 11 48 07.8 +0.6, 79.49 8 I, Amb, I, Amb, 11 48 10.2, 79.49 8 P, P, 11 48 08.5 +0.6, 79.57 11 P, P, 11 48 09.1 +0.7, 79.58 38 I, Amb, I, Amb, 11 48 10.9, 79.59 9 P, P, 11 48 08.6 +0.2, 79.61 12 P, P, 11 48 08.5 -0.1, 79.69 46 I, Amb, I, Amb, 11 48 12.8, 79.80 5 P, P, 11 48 09.5 0.0, 79.84 6 P, P, 11 48 09.9 +0.2, 79.94 10 P, P, 11 48 09.8 -0.6, 80.06 8 P, P, 11 48 10.9 -0.1, 80.10 7 P, P, 11 48 11.3 +0.2, 80.20 12 I, Amb, I, Amb, 11 48 12.7, 80.20 12 P, P, 11 48 11.4 -0.2, 80.27 14 P, P, 11 48 12.1 0.0, 80.37 9 P, P, 11 48 12.8 +0.2, 80.44 6 P, P, 11 48 13.2 +0.3, 80.54 13 P, P, 11 48 13.2 -0.3, 80.65 8 P, P, 11 48 16.1 +2.0, 80.74 308 eP, P, 11 48 17.3 +2.1, 80.91 22 P, P, 11 48 15.3 -0.2, 80.95 8 P, P, 11 48 17.0 +1.3, 81.05 12 P, P, 11 48 16.1 -0.1, 81.17 10 P, P, 11 48 16.8 -0.1, 81.17 15 P, P, 11 48 17.1 +0.2, 81.18 9 P, P, 11 48 17.2 +0.3, 81.21 7 I, Amb, I, Amb, 11 48 19.4, 81.21 7 P, P, 11 48 18.1 +1.1, 81.29 1 P, P, 11 48 17.9 +0.5, 81.36 23 P, P, 11 48 17.7 +0.8, 81.39 20 P, P, 11 48 18.0 0.0, 81.40 13 P, P, 11 48 17.7 -0.3, 81.41 14 P, P, 11 48 18.0 -0.1, 81.41 22 P, P, 11 48 17.8 -0.3, 81.50 6 P, P, 11 48 19.0 +0.5, 81.54 11 P, P, 11 48 18.2 -0.6, 81.58 11 P, P, 11 48 18.9 -0.1, 81.60 12 P, P, 11 48 18.9 -0.3, 81.63 12 P, P, 11 48 19.5 +0.3, 81.78 7 I, Amb, I, Amb, 11 48 23.1, 81.78 7 P, P, 11 48 20.7 +0.7, 81.91 328 P, P, 11 48 20.5 -0.5, 81.92 22 P, P, 11 48 21.9 +1.1, 82.05 14 P, P, 11 48 22.0 +0.5, 82.08 6 P, P, 11 48 21.6 +0.1, 82.15 323 I, P, 11 48 22.3 0.0, 82.16 11 P, P, 11 48 21.4 -0.5, 82.18 11 P, P, 11 48 21.5 -0.7

Table with columns: SCM, Sheep Creek Mo, 82.21 13 P, P, 11 48 22.5 +0.1, 82.28 10 P, P, 11 48 22.7 -0.1, 82.36 4 P, P, 11 48 23.7 +0.7, 82.41 9 I, Amb, I, Amb, 11 48 24.8, 82.41 9 P, P, 11 48 23.3 -0.1, 82.61 14 P, P, 11 48 24.5 +0.1, 82.67 5 P, P, 11 48 25.4 +0.8, 82.70 13 P, P, 11 48 25.6 +0.7, 82.71 8 P, P, 11 48 25.4 +0.4, 82.78 10 P, P, 11 48 25.1 -1.1, 82.79 8 P, P, 11 48 25.7 +0.4, 82.80 56 P, P, 11 48 27.7 +1.5, 82.80 56 P, P, 11 49 06.3 +3.0, 82.80 56 P, P, 11 48 25.8 -0.5, 82.81 12 P, P, 11 48 25.1 -0.5, 82.87 12 P, P, 11 48 25.2 -0.6, 82.88 4 P, P, 11 48 25.8 +0.2, 82.98 19 P, P, 11 48 26.8 +0.5, 83.11 23 P, P, 11 48 27.0 -0.1, 83.12 11 P, P, 11 48 26.4 -0.7, 83.12 50 P, P, 11 48 27.6 -0.4, 83.17 9 I, Amb, I, Amb, 11 48 28.8, 83.17 9 P, P, 11 48 27.3 +0.1, 83.17 9 P, P, 11 48 27.3 +0.1, 83.18 10 P, P, 11 48 26.6 -0.6, 83.19 6 P, P, 11 48 27.2 -0.1, 83.20 3 P, P, 11 48 27.8 +0.5, 83.21 3 P, P, 11 48 26.9 -0.4, 83.30 19 P, P, 11 48 28.0 0.0, 83.32 12 P, P, 11 48 28.0 -0.2, 83.34 18 P, P, 11 48 28.6 +0.4, 83.35 8 P, P, 11 48 28.5 +0.4, 83.41 5 P, P, 11 48 28.8 +0.5, 83.49 22 P, P, 11 48 29.6 +0.7, 83.52 16 P, P, 11 48 29.5 +0.1, 83.54 4 P, P, 11 48 29.3 +0.2, 83.56 7 P, P, 11 48 29.0 -0.2, 83.62 17 P, P, 11 48 30.0 +0.2, 83.62 11 P, P, 11 48 29.2 -0.4, 83.62 13 P, P, 11 48 29.9 +0.2, 83.66 6 P, P, 11 48 29.7 0.0, 83.67 14 P, P, 11 48 29.5 -0.4, 83.71 8 P, P, 11 48 30.4 +0.5, 83.76 16 P, P, 11 48 30.6 +0.1, 83.76 17 I, Amb, I, Amb, 11 49 01.0, 83.76 17 P, P, 11 48 31.0 +0.5, 83.79 16 P, P, 11 48 30.9 +0.4, 83.87 17 P, P, 11 48 32.1 +1.0, 83.89 21 P, P, 11 48 31.5 +0.3, 83.90 15 P, P, 11 48 31.7 +0.5, 83.91 20 P, P, 11 48 31.4 +0.2, 84.12 18 P, P, 11 48 32.8 +0.6, 84.14 14 P, P, 11 48 32.8 +0.6, 84.15 7 P, P, 11 48 32.6 +0.5, 84.20 15 P, P, 11 48 32.7 +0.2, 84.25 6 P, P, 11 48 32.6 0.0, 84.27 22 P, P, 11 48 33.7 +0.7, 84.30 12 P, P, 11 48 33.6 +0.6, 84.32 8 P, P, 11 48 33.3 +0.3, 84.39 11 P, P, 11 48 33.2 -0.1, 84.39 18 P, P, 11 48 33.9 +0.3, 84.40 17 P, P, 11 48 33.8 +0.2, 84.44 13 P, P, 11 48 33.9 +0.1, 84.44 9 P, P, 11 48 33.5 -0.1, 84.50 10 P, P, 11 48 33.5 -0.5, 84.51 345 P, P, 11 48 33.8 -0.2, 84.51 345 P, P, 11 49 13.7 -0.5, 84.52 14 P, P, 11 48 34.4 +0.3, 84.61 12 P, P, 11 48 34.1 -0.4, 84.66 21 P, P, 11 48 35.2 +0.2, 84.67 7 P, P, 11 48 34.9 +0.2, 84.68 19 P, P, 11 48 35.4 +0.4, 84.72 42 P, P, 11 48 36.1 +0.2, 84.77 9 P, P, 11 48 35.5 -0.2, 84.79 18 P, P, 11 48 35.7 +0.2, 84.80 124 T, T, 13 21 49.9, 84.81 124 T, T, 13 21 59.6, 84.81 124 T, T, 13 21 58.3, 84.83 13 P, P, 11 48 35.6 -0.2, 84.83 6 P, P, 11 48 35.3 -0.2, 84.83 16 I, Amb, I, Amb, 11 49 03.3, 84.83 16 P, P, 11 48 36.0 +0.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like Palaochora Ch, Antikythira Is, Iera Moni Meta, etc.

AFAD 05 12:38:46.0, 39.07N-27.52E, h7km, 3km, ML1.8
ISK 05 12:38:45.1, 39.11N-27.56E, h0km, ML2.2/7, Suspected Mining explosion, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Soma-Manisa, Balikesir, Sava, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like Gordes-Manisa, Balikesir, Bur, etc.

IDC 05 12:48:50.1, 2.4, 6.52S-129.29E, h0km, mb3.7/1, mbmp4.3/3, ML3.3/2, MS2.9/1, Error ellipse: s-maj=154.7km s-min=33.0km az=68.0, Banda Sea

RSNC 05 12:51:34.4, 0.0, 7.1N, 1.7x3W, h146km, 2km, M3.0, mb3.4, ML2.7
FUNV 05 12:51:38.4, 7.12N, 73.17W, h32km, MW2.8, Presumed earthquake

ISC 05 12:51:32.7, 1.4, 6.88N, 103.7308W, 0.05, h151km, 2km, n31, c1975/59, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like BARC, PAMC, BRUC, etc.

SNET 05 13:19:45.0, 0.8, 13.30N, 88.65W, h184km, 7km, ML2.8, assumed earthquake
CATAC 05 13:19:50.0, 0.8, 14.14N, 8.9W, h148km, 9km, M2.8/17, MLV2.8/17, Error ellipse: s-maj=19.7km s-min=3.5km az=26.7, confirmed

ISC 05 13:19:47.9, 2.2, 13.6N, 0.2-88.58W, 0.08, h174km, 13km, n38, c076/47, 10C, El Salvador

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like TECA, TEO, TACO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like PAVA, Las Pavas, SJTE, etc.

NEIC 05 13:26:15.8, 1.2, 7.3N, 0.1, 33.3W, 0.1, h10km, 1km, mb4.6/30, Error ellipse: s-maj=23.1km s-min=18.3km az=116.0

IDC 05 13:26:15.0, 0.7, 7.25N, 34.05W, h0km, mb4.0/21, mbmp4.0/23, ML4.0/2, MS4.2/35, Error ellipse: s-maj=22.9km s-min=14.1km az=155.0

GCMT 05 13:26:19.6, 0.2, 7.25N, 0.01, 34.13W, 0.01, h14km, 1km, MW5.0/31, Moment Tensor Solution, s63, c82, s131, c216; Duration: 0 Moment tensor: Scale 10^16Nm; M0=0.53t; M1=0.43t; M2=0.10t; M3=0.20t; 22; Mw=4.76t; 12; M0=0.12t; M1=0.12t; M2=0.12t; M3=0.12t; 22; G4.76800x10^16 NPT1=179.00000, 888.00000, 1.000000, NP2=89.00000, 889.00000, 1.78.00000. Principal axes: T 5.0370, Plg2.0000, Azm44.0000; N -0.5390, Plg88.0000, Azm243.0000; P -4.4980, Plg1.0000, Azm134.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

ISC 05 13:26:16.5, 0.4, 7.20N, 0.07, 34.02W, 0.07, h10km, n23, 1.886/62, mb4.3/34, MS4.3/39, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like NBMO, SACV, RCBR, etc.

Table with columns for station code, name, coordinates, and various data points. Includes stations like KCP, DAV, DAVO, etc.

Table with columns for station code, name, coordinates, and various data points. Includes stations like CHTO, JAGI, JNU, etc.

Table with columns for station code, name, coordinates, and various data points. Includes stations like BJ12, BJ2, BJT, etc.

5d 13h

Table with columns: G29M, Pine Creek, 82.66 23 P, P, 13 50 20.8 -0.2, etc. Lists various locations and their coordinates.

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Table with columns: GERES, GERRASS Array B, 91.61 321 P, P, 13 51 01.7 -3.3, etc. Lists astronomical observations and coordinates.

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Table with columns: CHGN, Chignik, 2.52 276 Pn, Pn, 13 48 24.0 0.0, etc. Lists astronomical observations and coordinates.

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FALS	False Pass	5.54	261	Pn	13 49 05.3	-0.3	J20K	Nowinta River	8.11	359	P	Pn	13 49 40.6	-0.1	E17K	Hotham Inlet	11.63	345	P	Pn	13 50 29.1	+0.2
FALS	False Pass	5.54	261	P	13 49 05.5	-0.1	PAX	Paxson	8.11	28	P	Pn	13 49 40.6	-0.3	TNA	Tin City	11.66	330	P	Pn	13 50 29.5	+0.2
M16K	Timber Creek	5.60	334	P	13 49 06.6	+0.3	LOGN	Logan Glacier	8.26	50	Pn	Pn	13 49 41.1	-1.9	CRAC	Craig	11.72	84	P	Pn	13 50 29.9	-0.3
M17K	Holitna River	5.62	342	P	13 49 07.0	+0.3	PCA	Pinnacle	8.27	55	Pn	Pn	13 49 42.8	-0.2	E18K	Tukpahleark C	11.78	347	P	Pn	13 50 31.3	+0.3
M17K	Holitna River	5.62	342	P	13 49 07.1	+0.5	PINM	Pinnacle	8.27	55	P	Pn	13 49 42.9	-0.2	P33M	Teslin, Yukon	11.86	61	P	Pn	13 50 32.2	-0.0
N14K	Kuskokwak Cree	5.63	316	Pn	13 49 07.3	+0.5	I17K	Unalakleet	8.51	339	P	Pn	13 49 46.5	+0.3	N32M	Quiet Lake	11.95	56	P	Pn	13 50 33.3	-0.1
N14K	Kuskokwak Cree	5.63	316	P	13 49 07.3	+0.5	I17K	Unalakleet	8.51	339	P	Pn	13 49 46.5	+0.3	Q32M	Nakina River	11.97	67	P	Pn	13 50 33.9	+0.1
ISNN	Isanotski Nort	5.75	261	Pn	13 49 08.6	+0.1	OKFG	Magazine Ridge	8.53	257	Pn	Pn	13 49 46.5	+0.0	ATKA	Atka Island	12.50	260	Pn	Pn	13 50 39.2	-1.6
M20K	Styx River	5.81	4	P	13 49 09.3	-0.1	O28M	Mount Upton	8.58	51	P	Pn	13 49 46.4	-1.2	E25K	Arctic Village	12.66	14	P	Pn	13 50 43.2	+0.2
M20K	Styx River	5.81	4	P	13 49 09.8	+0.4	O28M	Mount Upton	8.58	51	P	Pn	13 49 46.6	-0.9	R33M	Jennings River	12.67	65	P	Pn	13 50 42.5	-0.8
M15K	Kasigluk River	5.82	325	Pn	13 49 09.3	-0.1	K24K	Donnelly Dome	8.73	24	Pn	Pn	13 49 49.4	0.0	RDOG	Red Dog Mine	12.69	344	P	Pn	13 50 43.6	+0.2
M15K	Kasigluk River	5.82	325	Pn	13 49 09.3	-0.1	K24K	Donnelly Dome	8.73	24	Pn	Pn	13 49 49.2	-0.2	H02S1	DAWSON INLET T	12.74	94	Pn	T	13 50 46.2	+2.1
HIN	Hinchinbrook I	5.82	39	Pn	13 49 08.1	-1.3	M27K	Edge Creek, AK	8.79	40	P	Pn	13 49 49.9	-0.4	H02S1	DAWSON INLET T	12.74	94	Pn	T	13 50 46.2	+2.1
M19K	Big River Lodg	5.83	358	Pn	13 49 09.8	+0.2	GCSA	Galena City Sc	8.80	352	P	Pn	13 49 50.3	+0.2	H02S2	DAWSON INLET T	12.74	94	Pn	T	13 50 45.8	+1.7
M19K	Big River Lodg	5.83	358	P	13 49 09.7	+0.2	GCSA	Galena City Sc	8.80	352	P	Pn	13 49 49.6	-0.5	H02S2	DAWSON INLET T	12.74	94	Pn	T	13 50 45.8	+1.7
SSBA	Shishaldin	5.96	261	Pn	13 49 10.5	-0.9	NEA2	Nenana	8.85	14	P	Pn	13 49 50.2	-0.7	TOLK	Toolik Lake Re	12.74	7	P	Pn	13 50 44.1	-0.1
GLI	Glacier Island	5.98	34	Pn	13 49 10.9	-2.2	WRH	Wood River Hill	8.88	17	Pn	Pn	13 49 50.1	-1.2	D23K	Nanushuk River	13.00	5	P	Pn	13 50 47.7	+0.1
GLI	Glacier Island	5.98	34	Pn	13 49 09.8	-1.8	RIDG	Independent Ri	8.91	27	P	Pn	13 49 51.3	-0.4	T35M	Bob Quinn	13.08	76	P	Pn	13 50 47.8	-0.9
M22K	Willow	6.00	18	Pn	13 49 11.2	-0.7	YUK3	Moose Creek	8.98	45	Pn	Pn	13 49 52.1	-0.8	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
M22K	Willow	6.00	18	P	13 49 11.4	-0.4	YUK8	Steele Glacier	9.01	49	P	Pn	13 49 52.9	-0.4	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
FID	Port Fidalgo	6.08	37	Pn	13 49 10.4	-2.6	HDA	Harding Lake	9.02	20	P	Pn	13 49 52.8	-0.5	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
L19K	White Mountain	6.12	356	Pn	13 49 13.9	+0.4	HDA	Harding Lake	9.02	20	P	Pn	13 49 53.6	+0.4	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
L19K	White Mountain	6.12	356	P	13 49 13.9	+0.4	DOT	Dot Lake	9.04	29	Pn	Pn	13 49 53.0	-0.6	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
EYAK	Cordova Ski Ar	6.20	41	Pn	13 49 12.9	-1.6	SPIA	Saint Paul Isl	9.06	284	P	Pn	13 49 53.8	0.0	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
EYAK	Cordova Ski Ar	6.20	41	Pn	13 49 13.1	-1.4	SPIA	Saint Paul Isl	9.06	284	P	Pn	13 49 53.4	-0.4	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
GHO	Glory Hole Cre	6.25	22	Pn	13 49 13.9	-1.4	CCB	Clear Creek Bu	9.09	17	Pn	Pn	13 49 52.9	-1.3	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
M14K	Bethel	6.29	321	Pn	13 49 15.9	+0.1	MLY	Manley	9.10	9	Pn	Pn	13 49 52.9	-1.4	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
M14K	Bethel	6.29	321	Pn	13 49 15.9	+0.1	MLY	Manley	9.10	9	Pn	Pn	13 49 53.8	-0.6	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
L18K	Granite Mounta	6.30	348	Pn	13 49 16.1	+0.1	O29M	Mount Kennedy	9.12	56	Pn	Pn	13 49 53.9	-0.9	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
L18K	Granite Mounta	6.30	348	P	13 49 16.5	+0.5	I21K	Tanana	9.16	5	P	Pn	13 49 54.5	-0.6	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
L16K	Owhat River	6.32	335	Pn	13 49 15.2	-1.1	BVCY	Beaver Creek	9.20	41	P	Pn	13 49 55.2	-0.5	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
L16K	Owhat River	6.32	335	P	13 49 15.9	-0.3	L27K	Beaver Creek,	9.28	36	Pn	Pn	13 49 56.3	-0.5	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
KAIM	Kayak Island	6.34	49	Pn	13 49 14.8	-1.7	COLA	College	9.29	16	Pn	Pn	13 49 57.5	+0.6	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
KAIM	Kayak Island	6.34	49	P	13 49 15.5	-1.0	COLA	College	9.29	16	Pn	Pn	13 49 56.8	-0.1	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
SML	Sawmill	6.41	24	Pn	13 49 15.3	-2.3	BCAR	Beaver Creek A	9.30	36	Pn	Pn	13 49 56.5	-0.6	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
SML	Sawmill	6.41	24	P	13 49 16.3	-1.3	P29M	Windy Craggy	9.32	61	Pn	Pn	13 49 57.5	+0.1	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
L17K	Donlin	6.46	341	Pn	13 49 17.7	-0.4	P29M	Windy Craggy	9.32	61	Pn	Pn	13 49 56.8	-0.5	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
RAGM	Ragged Mountai	6.50	45	Pn	13 49 17.0	-1.8	SCRK	Sand Creek	9.32	28	Pn	Pn	13 49 57.0	-0.5	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
M23K	Glacier View	6.54	27	P	13 49 18.2	-1.2	H18K	Honhosa River	9.34	348	P	Pn	13 49 57.4	-0.2	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
M13K	Dall Lake	6.59	315	Pn	13 49 20.3	+0.4	H17K	Granite Mounta	9.34	344	P	Pn	13 49 57.9	+0.3	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
M13K	Dall Lake	6.59	315	P	13 49 20.5	+0.6	I23K	Minto, Yukon-K	9.35	12	P	Pn	13 49 57.2	-0.5	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
DIV	Divide	6.60	37	Pn	13 49 18.5	-1.6	BRWY	Burwash Landin	9.36	50	Pn	Pn	13 49 57.8	-0.2	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
GOAT	Goat Mountain	6.60	43	Pn	13 49 19.0	-1.2	ILAR	Eielson Array	9.36	19	Pn	Pn	13 49 54.1	-3.8	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
L22K	Petersville	6.64	13	Pn	13 49 20.4	-0.4	ILAR	Eielson Array	9.36	19	Pn	Pn	13 51 32.5	-10	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
L22K	Petersville	6.64	13	Pn	13 49 20.6	-0.1	ILAR	Eielson Array	9.36	19	Pn	Pn	13 51 32.5	-10	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
SCM	Sheep Creek Mo	6.68	28	Pn	13 49 20.0	-1.3	ILAR	Eielson Array	9.36	19	Pn	Pn	13 51 32.5	-10	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
SCM	Sheep Creek Mo	6.68	28	P	13 49 20.3	-1.0	ILAR	Eielson Array	9.36	19	Pn	Pn	13 51 32.5	-10	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
KLU	Klutina	6.82	34	Pn	13 49 21.6	-1.5	ILAR	Eielson Array	9.36	19	Pn	Pn	13 51 32.5	-10	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
KLU	Klutina	6.82	34	Pn	13 49 22.1	-1.0	YUK6	Outpost Mount	9.46	53	Pn	Pn	13 49 58.5	-1.0	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
L15K	Ungalak Mounta	6.83	328	Pn	13 49 23.0	-0.2	H16K	Elim	9.49	338	P	Pn	13 49 59.0	-0.7	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
L15K	Ungalak Mounta	6.83	328	P	13 49 22.7	-0.5	YUK4	Talbot Arm	9.51	50	P	Pn	13 50 00.9	+0.7	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
PPLA	Purkeypile	6.88	7	P	13 49 24.1	+0.1	J25K	Salcha River,	9.52	23	Pn	Pn	13 49 59.2	-1.0	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
BMRM	Bremner River	6.90	41	Pn	13 49 22.6	-1.6	H19K	Buzabout Moug	9.54	354	Pn	Pn	13 49 59.8	-0.5	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
BMRM	Bremner River	6.90	41	Pn	13 49 22.7	-1.6	H21K	Melozitna Rive	9.61	3	P	Pn	13 50 09.9	-0.4	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
BERG	Berg Lake	6.90	47	Pn	13 49 22.7	-1.5	H21K	Melozitna Rive	9.61	3	P	Pn	13 50 09.9	-0.4	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
L14K	Kuka Creek	6.96	323	Pn	13 49 24.1	-0.8	HYT	Haines Junctio	9.81	54	Pn	Pn	13 50 03.6	-0.6	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
L14K	Kuka Creek	6.96	323	Pn	13 49 23.9	-1.0	HYT	Haines Junctio	9.81	54	Pn	Pn	13 50 03.3	-0.9	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
K17K	Iditarod	7.00	343	Pn	13 49 25.6	0.0	S31K	Pelican	9.82	72	P	Pn	13 50 03.2	-0.9	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
K17K	Iditarod	7.00	343	P	13 49 25.9	+0.4	P30M	Millin Dollar	9.83	59	Pn	Pn	13 50 03.5	-0.9	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
AKUT	Akutan	7.08	259	Pn	13 49 26.4	-0.2	H22K	Ishlitalina Cre	9.90	6	Pn	Pn	13 50 04.8	-0.5	DLBC	Dease Lake	13.12	70	Pn	Pn	13 50 49.1	-0.3
AHB	Akutan Harbor	7.11	259	Pn	13 49 26.8	-0.2	PLBC	Pleasant Camp	9.95	63	Pn	Pn	13 50 05.7	-0.3	DLBC	Dease Lake						

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like TIXI, PV23, PV10, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like HNS, NC405, NB2, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, SNR, etc. Includes stations like AK19, AKASG, AKKB, etc.

IDC 05 13:54:18.2±0.6, 6.41S, 147.63E, h0km, 18km, mb3.8/3, mbmp3.9/6, MS4.1/1, Error ellipse: s-maj=39.5km

ISC 05 13:54:15.8±2.2, 6.45S±0.1, 147.8E±0.3, h63km, n8, r152/9, mb3.8/3, Eastern New Guinea region

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

F17K	Baldwin Pennin	21.73	41	P	P	15 25 42.0 +1.5
C17K	DeLong Mountai	21.75	35	P	P	15 25 42.5 +1.7
USRK	Ussuriysk Ar.	21.75	255	P	P	15 25 41.6 +0.7
M16K	Timber Creek	21.88	56	P	I	15 25 43.2 +1.0
M16K	Timber Creek	21.88	56	P	I	15 25 43.2 +1.0
H17K	Granite Mounta	21.89	45	P	I	15 25 44.2 +2.0
H17K	Granite Mounta	21.89	45	P	I	15 25 44.2 +2.0
H17K	Granite Mounta	21.89	45	P	I	15 25 43.7 +1.4
S14K	Fog Glacier	21.95	68	P	P	15 25 44.4 +1.2
N16K	Nishlik Lake	21.97	57	P	P	15 25 44.9 +1.6
J17K	VABM Dome	22.00	49	P	I	15 25 46.1 +2.7
J17K	VABM Dome	22.00	49	P	I	15 25 46.1 +2.7
J17K	VABM Dome	22.00	49	P	P	15 25 45.2 +1.8
CHNA	Chernabura Isl	22.24	72	P	P	15 25 46.8 +0.8
L17K	Donlin	22.24	53	P	P	15 25 47.4 +1.3
E18K	Tukpahleirik C	22.27	38	P	P	15 25 46.9 +0.5
E18K	Tukpahleirik C	22.27	38	P	P	15 25 48.1 +1.7
K17K	Iditarod	22.28	51	P	I	15 25 46.2 +0.3
K17K	Iditarod	22.28	51	P	I	15 25 51.5
K17K	Iditarod	22.28	51	P	P	15 25 48.0 +1.5
O16K	Kokwok River B	22.34	59	P	P	15 25 48.3 +1.2
F18K	Selawik	22.39	41	P	P	15 25 49.1 +1.5
C18K	Utukok River	22.49	35	P	I	15 25 47.7 -1.1
C18K	Utukok River	22.49	35	P	I	15 25 51.8
C18K	Utukok River	22.49	35	P	P	15 25 49.9 +1.1
H18K	Honhosha River	22.57	45	P	I	15 25 48.9 +0.8
H18K	Honhosha River	22.57	45	P	I	15 25 52.9
H18K	Honhosha River	22.57	45	P	P	15 25 51.3 +1.6
G18K	Tagagawik	22.61	43	P	P	15 25 51.4 +1.4
G18K	Tagagawik	22.61	43	P	P	15 25 51.2 +1.2
M17K	Holitna River	22.62	55	P	I	15 25 50.2 0.0
M17K	Holitna River	22.62	55	P	I	15 25 55.3
M17K	Holitna River	22.62	55	P	P	15 25 51.7 +1.5
TIXI	Tiksi	22.73	333	LR	LR	15 34 31.4
TIXI	Tiksi	22.73	333	LR	LR	15 25 49.6 -1.6
TIXI	Tiksi	22.73	333	LR	LR	15 25 49.6 -1.6
N17K	Nushagak Hills	22.75	57	P	P	15 25 53.4 +1.8
O17K	Kolliganek Bris	22.83	59	P	P	15 25 53.4 +1.0
L18K	Granite Mounta	23.00	52	P	P	15 25 54.6 +0.6
GCSA	Galena City Sc	23.13	46	P	P	15 25 55.7 +0.3
F19K	Shaluerckik Mo	23.17	41	P	I	15 25 56.4 +0.7
F19K	Shaluerckik Mo	23.17	41	P	I	15 25 59.0
F19K	Shaluerckik Mo	23.17	41	P	P	15 25 56.6 +0.9
C19K	Lookout Ridge	23.20	35	P	P	15 25 57.0 +0.8
C19K	Lookout Ridge	23.20	35	P	P	15 25 56.7 +0.6
P17K	Kvichak River	23.21	60	P	P	15 25 56.2 0.0
G19K	Purcell Mounta	23.29	42	P	I	15 25 56.9 0.0
G19K	Purcell Mounta	23.29	42	P	I	15 25 58.8
G19K	Purcell Mounta	23.29	42	P	P	15 25 57.9 +1.0
N18K	Kilae Creek	23.39	56	P	I	15 25 58.1 +0.1
N18K	Kilae Creek	23.39	56	P	I	15 26 01.5
N18K	Kilae Creek	23.39	56	P	P	15 25 58.4 +0.4
PSTR	Posyet	23.39	254	i	P	15 25 58.5 +0.4
M18K	Stony River	23.40	54	P	P	15 25 57.9 -0.1
H19K	Roundabout Mou	23.43	44	P	I	15 25 59.2 +0.9
H19K	Roundabout Mou	23.43	44	P	I	15 26 00.6
H19K	Roundabout Mou	23.43	44	P	P	15 25 59.1 +0.9
R17K	Mt. Peulik Vol	23.45	64	P	P	15 25 58.4 -0.2
D19K	Kuna River	23.50	36	P	I	15 26 01.4
D19K	Kuna River	23.50	36	P	P	15 25 59.8 +0.8
E19K	Redstone River	23.53	39	P	I	15 26 01.7
E19K	Redstone River	23.53	39	P	P	15 26 00.8 +1.5
BNX	BinXian	23.53	264	i	P	15 25 58.0 -1.4
J19K	Poorman	23.59	48	P	P	15 26 00.8 +0.9
J19K	Poorman	23.59	48	P	P	15 26 00.5 +0.7
Q17K	Contact Creek	23.61	62	P	P	15 26 01.2 +1.1
O18K	Koktuh Hills	23.78	58	P	P	15 26 02.0 +0.3
P18K	Big Mountain,	23.81	60	P	P	15 26 02.5 +0.5
L19K	White Mountain	23.86	53	P	P	15 26 03.0 +0.6
MAJO	Matsushiro	23.96	233	i	P	15 26 03.3 -0.2
MAJO	Matsushiro	23.96	233	i	P	15 26 04.7 +1.2
MAJO	Matsushiro	23.96	233	i	P	15 26 04.7 +1.2
MAJO	Matsushiro	23.96	233	i	P	15 26 04.0 +0.5
MAJO	Matsushiro	23.96	233	i	P	15 26 04.0 +0.5
F20K	Avaraart Lake	24.00	41	I	I	15 26 06.0
F20K	Avaraart Lake	24.00	41	I	I	15 26 04.5 +0.8
Q18K	Katmai Hardscr	24.01	61	P	P	15 26 04.0 0.0
N19K	Bonanza Creek	24.07	56	P	P	15 26 04.8 +0.3
H20K	Anotleneega Mo	24.07	44	P	P	15 26 05.4 +1.0
M19K	Big River Lodge	24.08	53	P	P	15 26 05.3 +0.9
D20K	Etiyuk River	24.09	36	P	P	15 26 05.2 +0.7
E20K	Nigu River	24.12	38	P	P	15 26 05.7 +0.9
I20K	Naaghedeneel	24.16	46	P	P	15 26 06.4 +1.3
K20K	Telida	24.24	50	I	I	15 26 08.9
K20K	Telida	24.24	50	I	I	15 26 07.1 +1.2
J20K	Novinta River	24.25	48	P	P	15 26 07.1 +1.1
B20K	Meade River	24.32	33	P	P	15 26 07.8 +1.4
M20K	Styx River	24.67	53	P	P	15 26 11.0 +1.0
Q19K	Cape Douglas,	24.68	60	P	P	15 26 10.7 +0.8

G21K	Allakaket	24.77	42	I	I	15 26 14.5
G21K	Allakaket	24.77	42	P	P	15 26 11.8 +1.1
S11	Sitkinak Islan	24.82	66	P	P	15 26 12.2 +0.9
C21K	Knifblade Rid	24.85	36	P	P	15 26 12.3 +0.9
F21K	Alatina River	24.90	41	I	I	15 26 15.3
F21K	Alatina River	24.90	41	P	P	15 26 13.5 +1.6
H21K	Melozina Rive	24.95	44	P	P	15 26 13.5 +1.1
E21K	Killik River	24.96	38	P	P	15 26 12.9 +0.5
B21K	Ikpiqok River	25.04	35	P	P	15 26 13.8 +0.7
CHUM	Lake Minchumim	25.04	49	P	P	15 26 14.5 +1.4
O20K	Slope Mountain	25.05	58	P	P	15 26 13.1 -0.2
PPLA	Purkeypile	25.09	51	I	I	15 26 29.6
PPLA	Purkeypile	25.09	51	P	P	15 26 15.1 +1.4
JGF	Kuroka	25.12	233	P	P	15 26 13.4 -0.7
CAST	Castle Rocks	25.14	50	P	P	15 26 15.4 +1.4
SPCR	Spurr Chakacha	25.15	55	P	P	15 26 15.2 +0.9
OHAK	Old Harbor	25.16	64	P	P	15 26 14.4 +0.1
I21K	Tanana	25.25	45	P	P	15 26 16.0 +1.0
A22K	Sinclair Lake	25.35	32	P	P	15 26 16.6 +0.8
KDAD	Kodiak Island	25.42	63	LR	LR	15 36 39.7
KDAD	Kodiak Island	25.42	63	P	P	15 26 16.8 +0.2
SKT	Skwentna	25.42	53	P	P	15 26 17.4 +0.8
F22K	John River	25.44	40	P	P	15 26 18.2 +1.4
INU	Inuyama	25.49	233	P	P	15 26 14.9 -2.5
H22K	Ishlailina Cre	25.56	44	I	I	15 26 21.9
H22K	Ishlailina Cre	25.56	44	P	P	15 26 19.1 +1.2
HOM	Homer	25.59	58	P	P	15 26 18.9 +0.7
G22K	Bettles	25.62	41	P	P	15 26 19.3 +1.0
B22K	Teshhepuk Lake	25.63	33	P	P	15 26 19.3 +0.9
KTH	Kantishna Hill	25.66	49	I	I	15 26 23.0
E22K	Anaktuvuk Pass	25.68	39	I	I	15 26 23.7
E22K	Anaktuvuk Pass	25.68	39	P	P	15 26 20.1 +1.1
L22K	Petersville	25.75	52	P	P	15 26 20.9 +1.2
MLY	Manley	25.77	46	P	P	15 26 20.9 +1.2
TRF	Thorofore Moun	25.94	50	I	I	15 26 24.2
TRF	Thorofore Moun	25.94	50	P	P	15 26 22.5 +1.0
CUT	Chullitna	25.99	52	P	P	15 26 22.9 +1.2
G23K	Bananza Creek	26.18	42	P	P	15 26 24.5 +1.1
D23K	Nanushuk River	26.24	37	P	P	15 26 25.1 +1.1
H23K	Yukon River	26.30	44	I	I	15 26 29.1
H23K	Yukon River	26.30	44	P	P	15 26 25.7 +1.1
I23K	Minto, Yukon-K	26.35	46	P	P	15 26 26.0 +1.0
C23K	Iktilik River	26.44	35	P	I	15 26 26.4 +0.7
C23K	Iktilik River	26.44	35	I	I	15 26 27.0
C23K	Iktilik River	26.44	35	P	P	15 26 26.2 +0.4
NEA2	Nenana	26.47	47	P	P	15 26 26.6 +0.5
E23K	Chandalar	26.49	39	P	P	15 26 29.9 +0.6
MCK	McKinley	26.54	49	P	P	15 26 27.3 +0.5
TOLK	Toolik Lake Re	26.59	38	P	P	15 26 28.5 +1.3
RND	Reindeer	26.59	50	I	I	15 26 28.7
SEW	Seward	26.62	57	P	P	15 26 28.4 +1.0
WAT1	Susitna Watana	26.76	51	P	P	15 26 29.6 +0.8
WRH	Wood River Hil	26.89	47	I	I	15 26 32.1
E24K	Your Creek	26.91	39	P	I	15 26 30.7 +0.6
E24K	Your Creek	26.91	39	I	I	15 26 35.3
E24K	Your Creek	26.91	39	P	P	15 26 31.1 +1.1
KNK	Knik Glacier	26.93	54	P	P	15 26 31.2 +0.9
H24	Sawmill	26.95	53	P	P	15 26 31.4 +0.9
SML	Noodor Dome	26.99	44	P	P	15 26 31.5 +0.7
COLA	College	26.99	46	i	P	15 26 29.7 -1.0
COLA	College	26.99	46	i	P	15 26 29.7 -1.0
COLA	College	26.99	46	P	P	15 26 32.1 +1.4
CCB	Clear Creek Bu	27.02	47	I	I	15 26 33.6
C24K	Franklin Bluff	27.07	36	P	P	15 26 32.5 +1.1
F24K	Squaw Lake	27.08	40	P	P	15 26 32.3 +0.7
WAT6	Susuna Watana	27.15	51	P	P	15 26 32.7 +0.3
G24K	Hadweenciz Riv	27.19	42	I	I	15 26 35.5
G24K	Hadweenciz Riv	27.19	42	P	P	15 26 33.5 +1.0
M23K	Glacier View	27.24	53	P	P	15 26 33.7 +0.7
DHY	Denali Highway	27.28	50	P	P	15 26 34.0 +0.5
HDH	Harding Lake	27.39	47	P	P	15 26 34.7 +0.3
ILAR	Eielson Array	27.41	47	P	P	15 26 35.0 +0.6
ILAR	Eielson Array	27.41	47	P	P	15

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like M11K Mekoryuk, O18K Koktuh Hills, P19K Oil Pt, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like ESDC TRQ, TLY Talaya, PSARD Sardoal, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like SONM Songino Array, NEW ULN Ulanbaatar, IUG Iuzhnyy, etc.

289	BNX	BinXian	50.54	43	↑P	P	16 35 00.5 -0.5
	BNX	comp=Z,7.0nm,1.0s				pmxax	
	MMAI	Mount Meron Ar	50.55	137	P	P	16 35 02.0 +0.7
	MMAI	comp=Z,1.0nm,0.5s,baz=241,slow=12,SNR=2.1				LR	
		comp=Z,88nm,21.3s,baz=346,slow=38				LR	
	MFID	Camas Ranch	50.59	299	I	Amb	16 36 29.7
	MFID	comp=Z,1.0nm,0.5s					
	SS7A	Dark Hollow, R	50.72	262	Amb	I	16 35 13.8
	SS7A	comp=Z,1.7nm,1.0s					
	R50A	Paris	51.02	268	I	Amb	16 35 14.6
	R50A	comp=Z,43nm,1.4s					
	T59A	Double "B" Far	51.28	261	Amb	I	16 35 09.2
	T59A	comp=Z,36nm,1.0s					
	SS1A	Beattyville	51.54	267	Amb	I	16 35 18.4
	SS1A	comp=Z,41nm,1.5s					
	ASF	Jabal al Asfar	51.54	135	LR	LR	16 57 58.7
	ASF	comp=Z,1.17nm,19.5s					
	HWUT	Hardware Ranch	51.79	295	P	P	16 35 10.7 +0.1
	HWUT	comp=Z,0.5nm,0.6s,baz=17,slow=5.9,SNR=4.8					
	MDJ	Mudanjiang	51.88	41	P	P	16 35 12.5 +1.5
	MDJ	comp=Z,6.0nm,1.9s				pmxax	
	WVOR	Wild Horse Val	51.92	302	P	P	16 35 07.1 -4.5
	WVOR	comp=Z,5.0nm,1.5s				pmxax	
	CCM	Cathedral Cave	52.29	274	P	P	16 35 13.7 -0.5
	CCM	comp=Z,5.0nm,1.5s					
	T50A	Nancy	52.33	268	I	Amb	16 35 25.1
	T50A	comp=Z,47nm,1.4s					
	544A	Carbondale	52.35	272	Amb	I	16 35 24.9
	544A	comp=Z,53nm,1.5s					
	USRK	Ussuriysk Ar.	52.52	39	P	P	16 35 16.9 +1.1
	USRK	comp=Z,0.5nm,0.6s,baz=17,slow=5.9,SNR=4.8					
	V58A	Windy Hill, Pi	52.67	262	Amb	I	16 35 28.2
	V58A	comp=Z,0.5nm,0.6s					
	ISCO	Idaho Springs	52.72	289	P	P	16 35 13.4 -4.3
	ISCO	comp=Z,5.0nm,1.1s				pmxax	
	BSUT	Blindstream Ca	52.73	294	Amb	I	16 35 27.6
	BSUT	comp=Z,1.9nm,1.0s					
	O20A	White River Ci	52.77	291	Amb	I	16 35 29.7
	O20A	comp=Z,2.9nm,1.2s					
	S39A	Bolivar	52.97	276	Amb	I	16 35 28.9
	S39A	comp=Z,52nm,1.4s					
	ELK	Elko	53.14	298	P	P	16 35 22.2 +1.5
	ELK	comp=Z,0.5nm,0.6s,baz=17,slow=5.9,SNR=4.8					
	GT2A	Goatai	53.22	70	sP	pwP	16 35 21.6 +0.4
	GT2A	comp=Z,6.0nm,1.1s				pmxax	
	GT2A	Goatai	53.22	70	sP	pwP	16 35 21.6 +0.4
	GT2A	comp=Z,6.0nm,1.1s				pmxax	
	GT2A	Goatai	53.22	70	sP	pwP	16 35 21.6 +0.4
	GT2A	comp=Z,6.0nm,1.1s				pmxax	
	GT2A	Goatai	53.22	70	sP	pwP	16 35 21.6 +0.4
	GT2A	comp=Z,6.0nm,1.1s				pmxax	
	BT02	Baotou	53.38	60	eP	S	16 35 23.4 +1.0
	BT02	comp=Z,2.9nm,0.5s				pmxax	
	BT02	Baotou	53.38	60	eP	S	16 35 23.4 +1.0
	BT02	comp=Z,2.9nm,0.5s				pmxax	
	BT02	Baotou	53.38	60	eP	S	16 35 23.4 +1.0
	BT02	comp=Z,2.9nm,0.5s				pmxax	
	BT02	Baotou	53.38	60	eP	S	16 35 23.4 +1.0
	BT02	comp=Z,2.9nm,0.5s				pmxax	
	W57A	Gilead	53.43	263	I	Amb	16 35 33.6
	W57A	comp=Z,2.9nm,0.5s					
	KBL	Kabul	53.46	101	P	P	16 35 23.2 0.0
	KBL	comp=Z,2.9nm,0.5s					
	CLTN	Cedars of Leba	53.47	269	I	Amb	16 36 42.8
	CLTN	comp=Z,2.9nm,0.5s					
	HHC	Hu-ho-hao-te	53.50	59	eP	P	16 35 22.3 -0.9
	HHC	comp=Z,7.0nm,0.7s				pmxax	
	HHC	Hu-ho-hao-te	53.50	59	eP	P	16 35 22.3 -0.9
	HHC	comp=Z,7.0nm,0.7s				pmxax	
	HHC	Hu-ho-hao-te	53.50	59	eP	P	16 35 22.3 -0.9
	HHC	comp=Z,7.0nm,0.7s				pmxax	
	HHC	Hu-ho-hao-te	53.50	59	eP	P	16 35 22.3 -0.9
	HHC	comp=Z,7.0nm,0.7s				pmxax	
	TKL	Tuckaleechee C	53.51	267	LR	LR	16 58 22.4
	TKL	comp=Z,1.10nm,14.5s					
	TKL	Tuckaleechee C	53.51	267	I	Amb	16 35 34.0
	TKL	comp=Z,44nm,1.0s					
	KMCS	Kings Mountain	53.64	264	P	P	16 35 24.5 +0.3
	KMCS	comp=Z,2.9nm,0.5s					
	WWT	Waverly	53.65	271	P	P	16 35 24.6 +0.3
	WWT	comp=Z,2.9nm,0.5s					
	W52A	Smith Brothers	53.89	270	P	P	16 35 25.3 +0.3
	W52A	comp=Z,34nm,1.3s					
	W50A	Signal Mountai	54.19	268	I	Amb	16 35 38.0
	W50A	comp=Z,1.4nm,1.0s					
	T35A	Sooner Cattle	54.21	279	Amb	I	16 35 39.0
	T35A	comp=Z,31nm,1.0s					
	LCAR	Lake Charles	54.23	274	Amb	I	16 35 37.8
	LCAR	comp=Z,26nm,1.2s					
	Q16A	Castle Valley	54.38	294	I	Amb	16 35 40.0
	Q16A	comp=Z,19nm,0.5s					
	PV22	Blue Mesa, Par	54.42	291	Amb	I	16 35 39.7
	PV22	comp=Z,1.4nm,0.9s					
	PV21	Cone Mtn., Par	54.42	292	Amb	I	16 35 39.9
	PV21	comp=Z,2.9nm,0.5s					
	O03E	Paynes Creek	54.44	304	Amb	I	16 35 40.1
	O03E	comp=Z,40nm,1.4s					
	HHAR	Hobbs	54.44	277	Amb	I	16 35 39.4
	HHAR	comp=Z,25nm,1.3s					
	PV07	Paradox Valley	54.49	291	Amb	I	16 35 40.3
	PV07	comp=Z,20nm,1.2s					
	FCAR	Ozark Folk Cen	54.55	275	Amb	I	16 35 39.8
	FCAR	comp=Z,1.3nm,1.0s					
	PV16	Nyswonger Mesa	54.65	292	Amb	I	16 35 45.9
	PV16	comp=Z,2.1nm,1.0s					
	HODGE	Hodges	54.67	265	Amb	I	16 36 28.2
	HODGE	comp=Z,33nm,1.1s					
	PV17	East Wray Mesa	54.69	292	Amb	I	16 35 44.9
	PV17	comp=Z,2.9nm,0.5s					
	PV03	Paradox Valley	54.70	291	Amb	I	16 35 45.6
	PV03	comp=Z,32nm,1.3s					
	SDCO	Great Sand Dun	54.72	288	Amb	I	16 35 44.1
	SDCO	comp=Z,50nm,1.3s					
	PV01	Paradox Valley	54.78	291	Amb	I	16 35 42.8
	PV01	comp=Z,29nm,1.0s					
	PV05	Paradox Valley	54.91	292	Amb	I	16 35 46.8
	PV05	comp=Z,29nm,1.0s					
	S22A	4UR Ranch, Cre	54.91	289	Amb	I	16 35 44.1
	S22A	comp=Z,19nm,1.3s					
	WHAR	Woolly Hollow	55.16	275	Amb	I	16 35 44.4
	WHAR	comp=Z,0.9nm,0.8s					
	HJU	Henry Mountain	55.28	293	Amb	I	16 35 52.5
	HJU	comp=Z,26nm,1.6s					
	MTPU	Mount Pierson	55.38	295	Amb	I	16 35 47.9
	MTPU	comp=Z,38nm,1.7s					
	OXF	Oxford	55.49	272	Amb	I	16 35 38.9
	OXF	comp=Z,26nm,0.9s					
	GOGA	Godfrey	55.66	266	P	P	16 35 40.1 +1.3
	GOGA	comp=Z,0.9nm,0.8s				pmxax	
	Y49A	Blount Mountain	55.67	269	Amb	I	16 35 47.7
	Y49A	comp=Z,18nm,1.1s					
	GOMU	GeErMu	55.73	76	P	P	16 35 39.1 -0.6
	GOMU	comp=Z,2.1nm,0.9s,baz=18,slow=5.6,SNR=1.1					
	GOMU	GeErMu	55.73	76	P	P	16 35 39.1 -0.6
	GOMU	comp=Z,2.1nm,0.9s				pmxax	
	GOMU	GeErMu	55.73	76	P	P	16 35 39.1 -0.6
	GOMU	comp=Z,2.1nm,0.9s				pmxax	
	GOMU	GeErMu	55.73	76	P	P	16 35 39.1 -0.6
	GOMU	comp=Z,2.1nm,0.9s				pmxax	
	NVAR	Mina Array Bea	55.82	300	P	P	16 35 41.4 +1.2
	NVAR	comp=Z,2.1nm,0.9s,baz=18,slow=5.6,SNR=1.1					
	NVAR</						

NEIC 05 18:06:21.6; 1.6, 38.24N; 0.03; 38.76E; 0.06, h10km±1km, M=2.3/358, Mw=5.1/17, Mw=5.1/22, Error ellipse: s-maj=8.1km s-min=5.4km az=82.0, Moment Tensor Solution. Moment tensor: Scale 10¹⁶Nm; Mrr=0.78; Mss=2.28; Mss=3.06; Mss=1.60; Mss=1.26; Mss=3.36; Fault plane solution: M0.80000x10¹⁶ Np1.3p235.980000, δ37.270000, λ-9.580000. NP2p333.630000, δ44.220000, λ-126.880000. Principal axes: T 5.0226, Plg29.0000, Azm93.0000; N -0.4797, Plg37.0000, Azm338.0000; P -4.5430, Plg39.0000, Azm210.0000.

GII 05 18:06:21.4; 0.0, 38.159N; 0.004; 38.849E; 0.001, h10km, Mw=5.3, contirmed

CFUGS 05 18:06:21.6, 38.30N; 38.70E, h10km, Mb3.9/6, MD4.7/4, MSH4.3/1

NEIC 05 18:06:21.8, 38.24N; 38.76E, h10km

GCMT 05 18:06:22.6; 0.2, 38.23N; 0.01; 38.71E; 0.01, h14km, Mw=5.1/29, Moment Tensor Solution. s62,c84; s129,c232; Duration: 0 Moment tensor: Scale 10¹⁶Nm; Mrr=2.34±.13; Mss=2.16±.10; Mss=4.50±.10; Mss=3.27±.30; Mss=2.55±.08; Mrr=2.16±.10; Mss=4.50±.10; Mss=3.27±.30; Mss=2.55±.08; NP2p340.00000, δ49.000000, λ-24.000000. NP2p340.00000, δ72.000000, λ-137.000000. Principal axes: T 5.7490, Plg14.0000, Azm102.0000; N 1.0200, Plg44.0000, Azm459.0000; P 6.7690, Plg43.0000, Azm206.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

MCSM 05 18:06:22.5; 1.9, 38.1N; 3.9E, h8km±13km, mb5.2, mb5.5, MLv5.2, Mw(mb5.0)

DSN 05 18:06:22.0; 0.5, 38.12N; 38.66E, h10km, mb5.3/22, Error ellipse: s-maj=9.5km s-min=4.7km az=80.0

BGR 05 18:06:22.0, 39.85N; 41.00E, h10km, mb5.2

NEIC 05 18:06:30.38; 24N; 38.76E, h12km, Moment Tensor Solution. Duration: 188 Moment tensor: Scale 10¹⁶Nm; Mrr=2.48; Mss=1.38; Mss=3.85; Mss=2.50; Mss=1.56; Mrr=3.04; Fault plane solution: M0.542000x10¹⁶ Np1.3p235.980000, δ27.400000, λ38.890000, λ-27.760000. NP2p339.690000, δ73.890000, λ-125.520000. Principal axes: T 5.1234, Plg20.0000, Azm96.0000; N 0.5443, Plg34.0000, Azm351.0000; P -5.6677, Plg49.0000, Azm211.0000.

NAO 05 18:06:38.4, 40.08N; 38.09E, h10km, MB4.7

ISC 05 18:06:21.7; 0.5, 38.25N; 0.02; 38.76E; 0.01, h7km±2km, n1484, σ1968/1478, mb5.2/359, MS4.6/115, 9SG-54D,

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
MDYL	Doganyol-Malat	0.23	73	Op	Pg	18 06 25.9 -0.3
MDYL	Doganyol-Malat	0.23	73	Sg	Pg	18 06 29.1 -0.2
MAYA	Malatya/Merkez	0.28	286	P	Pg	18 06 25.4 -1.8
MAYA	Malatya/Merkez	0.28	286	S	Pg	18 06 29.9 -1.0
ESGZ	Sivrice-Elazig	0.30	52	Sg	Pg	18 06 25.9 -2.0
ESGZ	Sivrice-Elazig	0.30	52	P	Pg	18 06 31.0 -0.6
ELZG	Elazig	0.35	35	P	Pg	18 06 25.8 -2.0
ELZG	Elazig	0.35	35	S	Pg	18 06 31.2 -0.6
NARI	Adyaman-Kaht	0.36	180	P	Pg	18 06 27.7 -1.1
SVRC	Sivrice-ELAZID	0.45	73	Pg	Pg	18 06 28.2 -2.1
SVRC	Sivrice-ELAZID	0.45	73	Sg	Pg	18 06 34.4 -0.1
ESIJ	Sivrice-Elazig	0.47	65	Pg	Pg	18 06 29.3 -1.6
ESIJ	Sivrice-Elazig	0.47	65	Sg	Pg	18 06 37.3 +0.2
ELZ	Elazig	0.56	38	P	Pg	18 06 30.3 -2.2
ELZ	Elazig	0.56	38	S	Pg	18 06 39.4 -0.5
AZEY	Adyaman-Merk	0.60	223	S	Pg	18 06 32.1 -1.1
AZEY	Adyaman-Merk	0.60	223	Sb	Pg	18 06 42.7 -0.5
AKCD	Akcadag	0.66	274	P	Pg	18 06 32.5 -2.0
AKCD	Akcadag	0.66	274	S	Pg	18 06 42.6 -0.5
HANM	anlurfa/Hi	0.67	172	P	Pg	18 06 33.6 -1.1
HANM	anlurfa/Hi	0.67	172	S	Pg	18 06 44.3 +0.9
MDNT	Maden	0.74	78	P	Pg	18 06 41.7 -2.4
MDNT	Maden	0.74	78	S	Pg	18 06 45.1 -0.4
URFA	Urfa	0.81	177	Pg	Pg	18 06 35.8 -1.4
URFA	Urfa	0.81	177	Sg	Pg	18 06 47.4 -0.3
ATAB	Bozova	0.86	206	P	Pg	18 06 36.7 -1.5
ATAB	Bozova	0.86	206	Sb	Pg	18 06 50.8 -0.0
HEKM	Malatya_Hekimh	0.89	315	S	Pg	18 06 36.2 -2.5
HEKM	Malatya_Hekimh	0.89	315	S	Pg	18 06 50.0 -0.4
ARPR	Arapgir-MALATY	0.91	338	P	Pg	18 06 36.7 -2.5
ARPR	Arapgir-MALATY	0.91	338	Sg	Pg	18 06 50.9 -0.1
ARPR	Arapgir-MALATY	0.91	338	Pg	Pg	18 06 36.9 -2.3
ARPR	Arapgir-MALATY	0.91	338	Sg	Pg	18 06 51.1 -0.1
KOVA	Elazig, Kovanc	0.94	61	P	Pg	18 06 38.8 -1.0
KOVA	Elazig, Kovanc	0.94	61	S	Pg	18 06 58.8 +3.5
AKCA	Adyaman/G¶¶	0.96	242	P	Pg	18 06 38.6 -1.6
AKCA	Adyaman/G¶¶	0.96	242	S	Pg	18 06 55.0 -0.8
AKCA	Adyaman/G¶¶	0.96	242	S	Pg	18 06 39.1 -3.0
TNCL	Tunceli-Merkez	1.06	35	P	Pg	18 06 41.3 -3.1
TNCL	Tunceli-Merkez	1.06	35	S	Pg	18 06 58.9 +0.1
SANL	SANLIURFA_Merk	1.09	170	P	Pg	18 06 41.3 -3.1
SANL	SANLIURFA_Merk	1.09	170	S	Pg	18 06 58.9 +0.1
DIYA	Diyarbakir	1.12	106	P	Pg	18 06 41.5 -1.7
DIYA	Diyarbakir	1.12	106	S	Pg	18 07 01.0 +1.3
DIYA	Diyarbakir	1.12	106	Pg	Pg	18 06 41.7 -1.6
DYBB	Diyarbakir	1.12	105	P	Pg	18 06 58.6 +0.2
MDIV	MDIV	1.21	333	P	Pg	18 06 41.6 -3.3
MDIV	MDIV	1.21	333	Sg	Pg	18 07 00.7 +0.1
ILIC	ilic-Erzincan	1.21	353	Pn	Pg	18 06 42.3 -2.7
ELBS	KAHRAMANMARAS¶	1.29	274	P	Pg	18 06 43.0 -3.3
ELBS	KAHRAMANMARAS¶	1.29	274	S	Pg	18 07 07.4 +3.6
GZT	Gaziantep	1.30	227	P	Pn	18 06 44.6 -1.9
GZT	Gaziantep	1.30	227	S	Pn	18 07 05.8 +1.5
NZIP	Nizip/Gaziantep	1.48	216	P	Pg	18 06 47.3 -1.6
NZIP	Nizip/Gaziantep	1.48	216	Sg	Pg	18 07 10.5 +1.2
BIHT	Bingol	1.49	65	P	Pg	18 06 50.8 +0.5
ERZAN	Erzincan	1.53	29	Pn	Pg	18 06 48.1 -1.3
KHMN	Naril-Kahraman	1.53	237	Pn	Pg	18 06 48.1 -1.5
EZC	Erzincan	1.57	17	P	Pn	18 06 48.9 -1.3
KAHM	Kahramanmaras,	1.58	243	P	Pn	18 06 48.7 -1.6
KAHM	Kahramanmaras,	1.58	243	S	Pg	18 07 13.9 +1.3
KOPT	Kopt	1.63	229	P	Pg	18 06 49.1 -1.8
GAZ	Gaziantep	1.63	229	Sg	Pg	18 06 59.1 -0.4
GAZ	Gaziantep	1.63	229	Pn	Pg	18 06 49.2 -1.8
GAZ	Gaziantep	1.63	229	P	Pn	18 06 49.2 -1.8
KMRs	Kahramanmaras	1.65	244	P	Pn	18 06 49.5 -1.7
BNGB	Bingol	1.67	63	Pn	Pg	18 06 50.1 -1.5
VEDI	Vedisu-Bingol	1.99	286	Pn	Pg	18 06 51.1 -0.1
SARI	Sardiz-Kayseri	1.85	276	Pn	Pg	18 06 52.8 -1.3
KARO	Karliova-Bingol	2.08	59	Pn	Pg	18 06 56.4 -0.8
SVSK	Karacayir	2.16	321	Pn	Pg	18 06 57.5 -0.6
KOPT	Kop Dag	2.22	37	P	Pg	18 06 59.8 -0.4
KOPT	Kop Dag	2.22	37	Sb	Pg	18 07 29.9 -0.3
GUMT	Gumushane	2.28	14	Pn	Pg	18 06 59.1 -0.8
VRTB	Varto-Mus	2.29	66	Pn	Pg	18 06 59.6 -0.6
BNN	Bunyan	2.37	286	Pn	Pg	18 07 00.9 -0.1
BNN	Bunyan	2.37	286	S	Pn	18 07 31.3 +0.8
BNN	Bunyan	2.37	286	Pn	Pg	18 07 30.1 -1.0
BNN	Bunyan	2.37	286	S	Pn	18 07 41.1 -0.1
BAYT	Aydin-tepe-Bayb	2.39	26	Pn	Pg	18 07 00.8 -0.8
KOZT	Kozan	2.45	253	Pn	Pg	18 07 00.7 -1.4
TOKT	Tokat	2.69	321	Pn	Pg	18 07 04.9 -0.6
TOKT	Tokat	2.73	320	Pn	Pg	18 07 05.7 -0.3
TOKA	TOKA	2.78	229	Pn	Pg	18 07 15.5 +2.2
THHT	Tahtakopru-Hat	2.78	229	Pn	Pg	18 07 15.5 +2.2
YOZ	Yozgat	3.02	298	Pn	Pg	18 07 09.4 -0.8
CMRD	Camardi-Nigde	3.04	260	Pn	Pg	18 07 09.6 -0.8
MLAZ	Malazgirt-MUS	3.09	72	Pn	Pg	18 07 10.9 -0.3
KRTS	Karatas	3.17	239	Pn	Pg	18 07 11.5 -0.6
KOZK	Kozakli-Neveseh	3.19	228	Pn	Pg	18 07 11.9 -0.6
CHOI	Cayeli-Rize	3.24	28	Pn	Pg	18 07 12.7 -0.9
AKDM	Akdamar-Van	3.32	87	Pn	Pg	18 07 14.1 -0.2
GEVA	Gevas	3.38	88	Pn	Pg	18 07 14.0 -1.1
KIZO	Buyukkizoglu-L	3.44	321	Pn	Pg	18 07 15.3 -0.5
YARM	Yarimca-Ladik	3.50	321	Pn	Pg	18 07 16.4 -0.3
JARB	Hanur-Agry	3.56	97	Pn	Pg	18 07 17.4 -0.1
GULA	Gulagac	3.56	273	Pn	Pg	18 07 17.0 -0.6
SENK	Senkaya-Erzuru	3.61	49	Pn	Pg	18 07 18.4 +0.1
CORM	Corum	3.75	30	Pn	Pg	18 07 19.8 -0.3
HOPA	Hopa-Artvin	3.75	33	Pn	Pg	18 07 20.2 +0.1
CUKT	Cukureka	3.97	103	Pn	Pg	18 07 22.1 -1.0
YESY	Yesilyurt	3.99	263	Pn	Pg	18 07 23.1 -0.4
BATM	Batumi	4.04	33	P	Pg	18 07 24.4 +0.5
BATM	Batumi	4.04	33	P	Pg	18 07 25.0 +0.9
BATM	Batumi	4.04	33	S	Pg	18 08 29.1 -2.3
BATM	Batumi	4.04	33	Pn	Pg	18 07 24.5 +0.5
BATM	Batumi	4.04	33	P	Pg	18 07 24.9 +0.9
KIZK	Mersin	4.08	246	Pn	Pg	18 07 24.3 -0.3

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
KARS	Kars	4.10	53	Pn	Pn	18 07 25.1 +0.1
KAMT	Kaman	4.10	287	Pn	Pn	18 07 24.7 -0.3
SERE	Sereflikochisa	4.13	281	Pn	Pn	18 07 25.2 -0.2
BEIL	Beino	4.24	210	eP	Pn	18 07 25.8 -1.1
BR104	Keskin Array S	4.25	292	P	Pn	18 07 27.8 +0.8
BR111	Keskin Array S	4.26	292	P	Pn	18 07 26.4 -0.7
BR131	Keskin Array S	4.26	292	P	Pn	18 07 26.8 -0.3
BR113	Keskin Array S	4.26	292	P	Pn	18 07 26.5 -0.7
BR131	Keskin Array S	4.26	292	P	Pn	18 07 27.7 +0.5
BRTR	Keskin Array B	4.26	292	Pn	Pn	18 07 28.2 +0.9
BRTR	22nm,0.3s,baz=120,slow=13,SNR=36			Lg	Lg	18 08 34.7
BRTR	baz=125,slow=27			LR	LR	18 09 32.1
BRTR	comp=Z,9µm,20.5s,baz=100,slow=4			Pn	Pn	18 07 26.6 -0.5
BRTR	189nm,0.6s			Pn	Pn	18 07 26.8 -0.3
BRTR	Keskin Array B	4.26	292	P	Pn	18 07 26.6 -0.5
BRTR	Keskin Array B	4.26	292	iP	Pn	18 07 26.8 -0.3
BRTR	comp=Z,106nm,0.6s			ex	x	18 12 06.2
SLFK	Silifke-Mersin	4.26	246	Pn	Pn	18 07 27.1 0.0
BR106	Keskin Array S	4.28	292	P	Pn	18 07 27.7 +0.3
HWQ	Hawqa	4.57	211	eP	Pn	18 07 30.8 -0.6
SNOP	Sinop	4.65	325	eP	Pn	18 07 33.0 +0.7
SNOP	Sinop	4.65	325	iP	Pn	18 07 31.9 +0.9
ILGA	Ilgaz	4.80	307	P	Pn	18 07 34.8 +0.2
AKH	Akhalkalaki	4.82	48	P	Pn	18 07 36.0 +1.1
AKH	Akhalkalaki	4.82	48	P	Pn	18 07 35.9 +1.1
ZAKH	Zahle	4.96	209	eP	Pn	18 07 36.5 -0.3
BHL	Bhannes	5.01	211	eP	Pn	18 07 37.5 0.0
GNI	Garni	5.02	66	Pn	Pn	18 07 38.4 +0.8
GNI	comp=Z,14nm,0.3s,baz=255,slow=3.6,SNR=25			LR	LR	18 10 01.9
GNI	comp=Z,8µm,21.4s,baz=258,slow=44			Pn	Pn	18 07 37.8 +0.3
GNI	comp=Z,89nm,0.6s			Pn	Pn	18 07 37.9 +1.3
GNI	Garni	5.02	66	P	Pn	18 07 39.1 +1.5
GNI	Garni	5.02	66	eP	Pn	18 07 39.1 +1.5
GNI	comp=Z,68nm,0.6s			ex	x	18 12 06.2
GNI	Garni	5.02	66	P	Pn	18 07 39.1 +1.5
GNI	Garni	5.02	66	iP	Pn	18 07 39.8 +1.3
GNI	Garni	5.02	66	P	Pn	18 07 38.9 +1.3
GNI	Garni	5.02	66	P	Pn	18 07 38.9 +1.3
BZK	Bozkurt	5.20	317	iP	Pn	18 07 41.9 +2.0
BZK	Bozkurt					

Table with columns for station call signs (e.g., MOA, UPC, KSP), frequencies, and signal quality metrics. Includes sub-sections like 'UPC' and 'KSP'.

Table with columns for station call signs (e.g., CLL, Collm, ARTI), frequencies, and signal quality metrics. Includes sub-sections like 'CLL' and 'ARTI'.

Table with columns for station call signs (e.g., BFO, KIZ, DDM), frequencies, and signal quality metrics. Includes sub-sections like 'BFO' and 'KIZ'.

5d 18h

Table with columns for station code, name, coordinates, and status. Includes stations like LBTB Lobatse, LBTB Lobatse, LKWB Lobatse, etc.

2020 JUN

Table with columns for station code, name, coordinates, and status. Includes stations like C27K Jago River, C21K Knifeblade Rid, JSU Doyon Strip, etc.

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Table with columns for station code, name, coordinates, and status. Includes stations like G24K Hadweenzic Riv, G27K Doyon Strip, G27K Doyon Strip, etc.

K24K	Donnelly Dome	78.22	2	I	Amb	18 18 35.1
K24K	Donnelly Dome	78.22	2	P	P	18 18 19.9 -1.8
CAST	Castle Rocks	78.30	5	I	Amb	18 18 26.0
CAST	Castle Rocks	78.30	5	P	P	18 18 20.4 -1.8
RIDG	Independent Ri	78.31	2	I	Amb	18 18 26.2
RIDG	Independent Ri	78.31	2	P	P	18 18 20.8 -1.5
BBJ	Bungbuliang	78.36	109	P	P	18 18 25.1 +1.9
BBJ	Bungbuliang	78.36	109	P	P	18 18 30.0 +6.8
K13K	Kusilivak Mount	78.38	11	I	Amb	18 18 26.6
K13K	Kusilivak Mount	78.38	11	P	P	18 18 21.1 -1.5
TRF	Thorofare Moun	78.39	4	P	P	18 18 20.6 -2.2
DOT	Dot Lake	78.42	1	I	Amb	18 18 27.2
K17K	Iditarod	78.45	8	I	Amb	18 18 27.1
K17K	Iditarod	78.45	8	P	P	18 18 20.7 -2.2
K15K	Wolf Creek Mou	78.47	10	P	P	18 18 22.1 -0.9
K15K	Wolf Creek Mou	78.47	10	I	Amb	18 18 37.9
RND	Reindeer	78.50	3	I	Amb	18 18 36.4
PPLA	Purkeypile	78.52	5	P	P	18 18 23.4 -1.7
DHY	Denali Highway	78.90	3	P	P	18 18 24.0 -1.6
L29M	L29M	78.95	359	P	P	18 18 24.2 -1.6
L17K	Donlin	79.02	8	P	P	18 18 24.0 -2.1
BCAR	Beaver Creek A	79.03	0	P	P	18 18 25.4 -0.7
L27K	Beaver Creek	79.03	0	P	P	18 18 24.0 -2.2
PAX	Lag Cabin Wild	79.06	1	P	P	18 18 24.3 -2.0
L26K	Log Cabin Wild	79.07	2	P	P	18 18 24.7 -1.8
L15K	Ungalak Mounta	79.07	10	P	P	18 18 24.1 -2.3
WATI	Susitna Watana	79.09	3	P	P	18 18 24.6 -1.9
L18K	Granite Mounta	79.10	7	P	P	18 18 24.7 -1.8
MENT	Mientasta	79.14	1	P	P	18 18 28.9 +2.1
MMPY	Sheldon Lake	79.16	355	P	P	18 18 24.5 -2.4
L14K	Kuka Creek	79.23	10	I	Amb	18 18 31.6
L14K	Kuka Creek	79.23	10	P	P	18 18 25.2 -2.0
L22K	Petersville	79.28	4	P	P	18 18 25.6 -1.0
L22K	Petersville	79.28	4	I	Amb	18 18 31.7
L22K	Petersville	79.28	4	P	P	18 18 25.1 -2.5
L16K	Owhat River	79.29	9	P	P	18 18 25.3 -2.3
L19K	White Mountain	79.31	6	P	P	18 18 25.4 -2.4
WAT6	Susitna Watana	79.38	3	P	P	18 18 25.5 -2.8
M30M	Minto, Yukon	79.46	358	P	P	18 18 26.4 -2.2
M11K	Mekoryuk	79.60	12	P	P	18 18 27.5 -1.7
M19K	Big River Lodg	79.63	6	P	P	18 18 26.7 -2.7
M29M	Somme Creek	79.63	359	P	P	18 18 27.6 -1.9
HARP	HAARP	79.65	2	P	P	18 18 27.1 -2.5
BVCY	Beaver Creek	79.68	360	P	P	18 18 27.5 -2.3
M26K	Nabesna, AK	79.69	1	P	P	18 18 28.2 -1.6
M27K	Edge Creek, AK	79.74	0	P	P	18 18 28.5 -1.7
M31M	Drury Creek, Y	79.74	357	P	P	18 18 28.6 -1.5
M20K	Styx River	79.75	6	P	P	18 18 27.5 -2.7
SKT	Skwentna	79.77	5	P	P	18 18 27.4 -2.8
M17K	Holifna River	79.83	8	I	Amb	18 18 35.3
M17K	Holifna River	79.83	8	P	P	18 18 27.6 -2.9
L59A	Walton	79.84	316	P	I	18 18 29.6 -1.4
L59A	Walton	79.84	316	I	Amb	18 18 32.5
BUKO	Buck Lake	79.85	321	I	Amb	18 18 35.6
M14K	Bethel	79.90	10	P	P	18 18 28.7 -2.1
M18K	Stony River	79.90	7	P	P	18 18 27.7 -3.2
M24K	Tolsona, Glenn	79.91	2	I	Amb	18 18 45.9
M24K	Tolsona, Glenn	79.91	2	P	P	18 18 28.9 -2.2
TGNT	Hyland Airport	80.02	354	P	P	18 18 29.3 -2.3
M13K	Dall Lake	80.02	11	P	P	18 18 29.5 -2.0
M16K	Timber Creek	80.02	9	P	P	18 18 29.5 -2.1
M15K	Kasiglik River	80.12	10	P	P	18 18 30.0 -2.1
SML	Sawmill	80.13	3	I	Amb	18 18 49.1
SML	Sawmill	80.13	3	P	P	18 18 30.1 -2.1
GHO	Glory Hole Cre	80.13	4	I	Amb	18 18 37.4
SCM	Sheep Creek, 1.4	80.14	3	I	Amb	18 18 36.5
SCM	Sheep Creek, 1.1	80.14	3	P	P	18 18 29.9 -2.4
M23K	Glacier View	80.17	3	P	P	18 18 30.1 -2.3
SADO	Sadova	80.20	320	LR	LR	18 55 59.7
STLK	Strandline Lak	80.23	5	P	P	18 18 31.3 -1.5
K57A	Scipio Creek	80.27	317	I	Amb	18 18 35.4
PMR	Palmer	80.30	4	P	P	18 18 31.6 -1.4
YUK3	Moose Creek	80.32	360	P	P	18 18 31.2 -2.3
N25K	Chitina, Valde	80.46	2	P	P	18 18 32.1 -1.9
KNK	Knik Glacier	80.51	4	P	P	18 18 32.2 -2.0
N31M	Braeburn, Yuko	80.52	357	P	P	18 18 31.2 -3.1
KLU	Klutina	80.53	2	I	Amb	18 18 49.0
KLU	Klutina	80.53	2	P	P	18 18 32.2 -2.2
N16K	Nishik Lake	80.58	9	P	P	18 18 32.3 -2.3
N30M	Aishik Lake	80.58	358	P	P	18 18 32.1 -2.6
N18K	Kilae Creek	80.69	7	I	Amb	18 18 39.9
N18K	Kilae Creek	80.69	7	P	P	18 18 32.5 -2.7
N19K	Bonanza Creek	80.69	7	I	Amb	18 18 39.7
N19K	Bonanza Creek	80.69	7	P	P	18 18 32.6 -2.7
MCARA	McCarthy VSAT	80.71	1	P	P	18 18 33.0 -2.2
N17K	Nushagak Hills	80.71	8	P	P	18 18 32.5 -2.8
N15K	Kwethluk River	80.71	9	P	P	18 18 32.6 -2.7

BRWY	Burwash Landin	80.72	359	P	P	18 18 32.5 -2.9
YUK4	Talbot Arm	80.73	359	P	P	18 18 32.9 -2.8
N14K	Kuskokwaw Cree	80.73	10	P	P	18 18 33.1 -2.3
RC01	Rabbit Creek A	80.77	4	P	P	18 18 33.5 -2.1
YUK8	Steele Glacier	80.81	359	P	P	18 18 33.2 -2.9
VRDI	Verde Repacer	80.86	1	P	P	18 18 34.8 -1.5
KOTAN	Kotanelee Air	80.96	351	P	P	18 18 34.1 -2.5
CAPN	Capein Cook N	81.00	5	P	P	18 18 34.2 -2.5
MMNV	Mt. Morris Dam	81.00	318	I	Amb	18 18 38.2
BMRM	Bremner River	81.10	2	P	P	18 18 34.5 -2.9
GLI	Glacier Island	81.11	3	P	P	18 18 34.5 -2.9
YUK6	Outpost Mounta	81.13	359	P	P	18 18 34.8 -3.0
HYT	Haines Junctio	81.23	358	I	Amb	18 18 44.6
HYT	Haines Junctio	81.23	358	P	P	18 18 35.1 -3.1
L56A	Greenwood	81.23	318	I	Amb	18 18 39.5
O30N	Mendenhall	81.24	357	P	P	18 18 34.7 -3.5
WHY	Whitehorse	81.31	357	I	Amb	18 18 41.9
WHY	Whitehorse	81.31	357	P	P	18 18 35.4 -3.2
SLKM	Skliak Lake	81.32	4	I	Amb	18 18 42.1
O28M	Mount Upton	81.33	359	P	P	18 18 37.6 -1.4
O28M	Mount Upton	81.33	359	P	P	18 18 36.3 -2.6
CRQM	Cirque	81.33	1	I	Amb	18 18 42.7
CRQE	Cirque	81.34	1	P	P	18 18 36.1 -2.6
O14K	Tiguykaiwet M	81.44	10	P	P	18 18 36.5 -2.6
SHEM	Shemya Is, Ala	81.44	26	LR	LR	19 00 29.8
O17K	Koliganek Bris	81.46	8	P	P	18 18 36.7 -2.5
FFC	Flin Flin	81.46	338	P	P	18 18 38.0 -1.4
FFC	Flin Flin	81.46	338	P	P	18 18 38.0 -1.4
EYAK	Cordova Ski Ar	81.49	2	P	P	18 18 43.7 +4.3
EYAK	Cordova Ski Ar	81.49	2	P	P	18 18 36.9 -2.5
O16K	Kokkwo River B	81.52	9	P	P	18 18 37.1 -2.5
E46A	Sauti Ste Mari	81.53	324	I	Amb	18 18 44.1
O18K	Koktuh Hills	81.57	7	P	P	18 18 37.6 -2.3
O20K	Slope Mountain	81.57	6	P	P	18 18 37.4 -2.6
P33M	Teslin, Yukon	81.65	356	P	P	18 18 38.0 -2.4
O15K	Ungalikthiuk R	81.71	10	P	P	18 18 38.1 -2.5
SEW	Seiwit	81.77	4	P	P	18 18 38.8 -2.1
O29M	Mount Kennedy	81.78	359	P	P	18 18 39.0 -2.2
SPIA	Saint Paul Isl	81.83	15	P	P	18 18 38.6 -2.6
P30M	Million Dollar	81.92	358	P	P	18 18 39.0 -2.8
MESA	MESA	81.92	0	P	P	18 18 39.7 -2.3
P19K	Oil Pt	81.95	6	P	P	18 18 39.8 -2.1
P23K	Montague Islan	81.98	3	P	P	18 18 40.0 -2.0
P1NM	Pinnacle	82.01	360	P	P	18 18 39.9 -2.4
P18K	Big Mountain,	82.03	7	P	P	18 18 40.1 -2.2
TBO	Thunder Bay	82.03	328	P	I	18 18 41.2 -1.3
TBO	Thunder Bay	82.03	328	I	Amb	18 18 46.7
BRSE	Bradley Lake S	82.05	5	P	P	18 18 40.4 -2.1
HOM	Home	82.07	5	P	P	18 18 40.8 -1.7
P16K	Nushagak River	82.08	9	P	P	18 18 40.1 -2.4
P17K	Kvichak River	82.09	8	P	P	18 18 40.8 -1.8
KAIM	Kayak Island	82.14	2	P	P	18 18 41.0 -1.9
P32M	Atlin	82.32	356	P	P	18 18 41.4 -2.5
R33M	Jennings River	82.34	355	I	Amb	18 18 48.9
R33M	Jennings River	82.34	355	P	P	18 18 41.8 -2.3
P29M	Windy Craggy	82.43	358	P	P	18 18 42.4 -2.1
PLBC	Pleasant Camp	82.57	357	P	P	18 18 42.7 -2.4
Q16K	King Salmon	82.58	8	P	P	18 18 42.8 -2.3
Q23K	Middleton Isla	82.59	3	P	P	18 18 42.7 -2.4
Q19K	Cape Douglas,	82.63	6	P	P	18 18 43.1 -2.4
Q18K	Katmai Hardscr	82.78	7	P	P	18 18 42.9 -3.4
PAOC	Oil Creek Stat	82.79	318	I	Amb	18 18 50.5
Q32M	Nakina River	82.86	355	P	P	18 18 43.2 -3.7
Q17K	Contact Creek	83.07	8	P	P	18 18 44.3 -3.5
DAV	Davao City (W)	83.18	86	LR	LR	19 00 38.2
DLBC	Dease Lake	83.22	354	LR	LR	18 59 32.9
DLBC	Dease Lake	83.22	354	P	P	18 18 46.4 -2.2
ULM	Lac du Bonnet	83.25	333	P	P	18 18 48.8 0.0
ULM	Lac du Bonnet	83.25	333	I	Amb	18 18 52.7
JCJ	Chichina	83.32	61	LR	LR	18 59 18.6
P57A	Homestead Farm	83.34	316	I	Amb	18 18 53.0
EYMN	Ely	83.44	329	I	Amb	18 18 54.4
R32K	Eaglecrest	83.67	356	P	P	18 18 48.9 -2.0
S34M	Telegraph Cree	83.82	355	P	P	18 18 49.9 -1.7
KDAD	Kodiak Island	83.86	6	LR	LR	19 02 49.1
KDAD	Kodiak Island	83.86	6	P	P	18 18 50.1 -1.7
N53A	Lisianski	83.91	318	I	Amb	18 18 53.2
MMSI	Mamuju	83.92	98	P	P	18 19 01.6 +8.8
S31K	Pelican	84.06	357	P	P	18 18 50.8 -1.9
O54A	Avella	84.12	318	P	P	18 18 52.1 -1.4
OHAK	Old Harbor	84.35	7	P	P	18 18 52.2 -2.0
S32K	Killisnoo	84.48	356	P	P	18 18 52.9 -2.0
E38A	The Farm, Brul	84.53	328	I	Amb	18 18 58.8
S14K	Fog Glacier	84.55	10	P	P	18 18 52.8 -2.6
T35M	Bob Untung	84.68	354	P	P	18 18 53.4 -2.6
AGMN	Agassiz Nasion	84.86	332	I	Amb	18 18 58.2
SII	Sitkinak Islan	84.92	7	P	P	18 18 54.9 -2.3

SIT	Sitka	84.93	357	P	P	18 18 54.9 -2.3
G40A	Rib Lake	85.02	327	P	P	18 18 56.2 -1.7
G40A	Rib Lake	85.02	327	I	Amb	18 19 01.5
S57A	Dark Hollow, R	85.08	315	I	Amb	18 19 02.1
Q54A	Coxs Mills	85.23	317	I	Amb	18 19 02.6
SDPT	Sand Point	85.33	11	P	P	18 18 57.2 -2.0
FALS	False Pass	85.33	13	P	P	18 18 57.2 -2.0
WRAK	Wrangell Islan	85.40	355	P	P	18 18 57.2 -2.3
ACSO	Alum Creek Sta	85.44	319	I	Amb	18 19 03.7
CHIR	Chirikof Islan	85.50	8	P	P	18 18 57.9 -2.2
I42A	Draeger Farm,	85.53	325	I	Amb</	

5d 19h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes entries for H11S2 WAKE ISLAND, H11S1 WAKE ISLAND, and MKAR Makanchi Array.

TRN 05 18:14:20.0, 16:31N-61.66W, h153km, MD3.7, Basse-Terre, Guadeloupe, Leeward Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for DHSZ Broadband at M, CBE Ff, Capeste, MMLZ Guadeloupe Bro, and others.

IDC 05 18:16:57.8, 3.7, 13.96N-143.16E, h0km, mb3.7/6, mbtmp3.7/6, Error ellipse: s-maj=143.4km s-min=28.6km az=86.0

ISC 05 18:17:02.3, 3.5, 14.0N-02.143E, h10, h33km, n6, n092/6, mb3.7/6, South of Mariana Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for MJAR Matsushiro Arr, KRSR Korea Array, WRA Warramunga Arr, and others.

IDC 05 18:20:48.1, 4.8, 6.79S-155.51E, h0km, mb3.4/3, mbtmp3.4/3, Error ellipse: s-maj=138.5km s-min=42.7km az=112.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for WRA Warramunga Arr, ASAR Alice Springs, H11S3 WAKE ISLAND, and others.

TEH 05 18:25:29.7, 33.51N-45.80E, h10km, 59km, ML2.8, Presumed earthquake

ISC 05 18:25:33.7, 1.2, 33.43N-45.71E, h32km, 20km, ML2.8, Presumed earthquake

ISC 05 18:25:29.8, 1.0, 33.45N-0.05, 45.86E, 0.05, h19km, n8, n023/10, Iran-Iraq border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for ILBA Ilam Banvizeh, IGHG Ghaleghazi, BHD Baghdad, and others.

IDC 05 18:36:42.3, 0.7, 44.45N-115.22W, h0km, mb3.2/1, mbtmp3.2/7, ML3.4/6, MS2.3/3, Error ellipse: s-maj=5.5km s-min=6.6km az=79.0

NEIC 05 18:36:43.5, 1.2, 44.48N-0.02, 115.17W, 0.04, h13km, 7km, ML3.7/141, Mw3.8/56, ML4.1/31(BUT), Error ellipse: s-maj=3.9km s-min=3.1km az=48.0, Moment Tensor Solution: Moment tensor: Scale 10^14Nm, M0:2, Mw4.65; Mw-4.67; M0:4.6; Mw:2.05; Mw:1.78; Fault plane solution: M5:41000.10^14 NP1=122.17000.0, 571.52000.0, -1.517000.0, NP2=213.81000.0, 885.10000.0, -1.161.45000.0. Principal axes: T 5.2116, P109.0000.0, Azm347.0000.0, O 0.3737, Plg17.0000.0, Azm228.0000.0; P -5.5854, Plg17.0000.0, Azm79.0000.0

NEIC 05 18:36:43.4, 44.48N-115.16W, h13km, BUT 05 18:36:44.2, 1.3, 44.45N-0.01, 115.21W, 0.03, h11km, 8km, Error ellipse: s-maj=3.2km s-min=0.7km az=115.0

ISC 05 18:36:43.2, 1.3, 44.43N-0.03, 115.23W, 0.03, h8km, 11km, n106, r108/104, Western Idaho

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for PLID Pearl Lake, HLID Hiley, MFID Camas Ranch, and others.

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Main table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes entries for DLMT 564nm, 0.9s, F10A Beach Ranch, E, VCMT Victor, HBMT Mount Humbug, and many others.

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Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes entries for EPH comp=N, 96nm, 0.7s, RLMT Red Lodge, G05A Wamic, and others.

IDC 05 19:16:42.6, 33.0, 17.97S-179.28W, h561km, 80km, mb2.9/3, mbtmp3.7/4, Error ellipse: s-maj=664.6km s-min=104.8km az=86.0, Fiji Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for MSVF Nonsava, STKA Stephens Creek, WRA Warramunga Arr, and others.

IDC 05 19:20:53.8, 0.8, 15.66N-91.05W, h0km, mb3.9/7, mbtmp3.9/9, ML2.4/2, MS3.4/3, Error ellipse: s-maj=31.8km s-min=9.0km az=46.0

NEIC 05 19:20:54.3, 3.2, 15.75N-0.04, 90.98W, 0.03, h10km, 1km, mb4.1/47, Error ellipse: s-maj=7.0km s-min=2.9km az=144.0

CATAC 05 19:20:56.6, 16.1N-2.9W, h3km, 2km, M4.0/15, ML4.0/15, confirmed

GCG 05 19:20:56.3, 1.7, 15.64N-90.97W, h4km, 16km, MD4.5, ML4.4, Presumed earthquake

ISC 05 19:20:54.6, 1.0, 15.69N-0.02, 90.93W, 0.02, h18km, 4km, n105, r145/133, mb4.0/9, MS3.4/3, 4C-3D, Guatemala

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes entries for HUEH Huehuetenango, APG El Apazote, QCGO Labor Ovalle, and others.

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

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

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

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Sonseca Array, ESKA, EDC, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Yellowknife Wh, Yellowknife Ar, YKA, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like KURK, KURBB, ZALV, etc.

Code Station Name Az AZZ Phase ID Time Res
ZKR Zakros 1.12 26 P P 20 53 36.2 +0.6
ZKR ZKR 1.32 333 P Sn 20 53 52.4 +0.2
IDY Anoyia 1.32 333 P Sn 20 53 39.2 +0.4

5d 21h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Dead Sea, Mazada, Paran Flat, etc.

IDC 05 21:07:55.3-3.3, 35.63N, 141.01E, h46km, 26km, mb3.4/7, mbtmp3.7/12, ML3.2/4, MS2.7/3, Error ellipse: s-maj=37.9km s-min=9.9km az=69.0

JMA 05 21:07:56.0-2.2, 35.7N, 0.5-140.6E, 0.8, h51km, 1km, MW3.2/0, NEAR CHOSHI CITY

JMA Feilijuan NEAR CHOSHI CITY, ISC 05 21:07:56.8-1.0, 35.58N, 0.04-140.76E, 0.08, h49km, 7km, n35, c1f40/34, mb3.6/7, 5D, Near east coast of eastern Honshu

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

JGF Kuraki 2.78 269 P Pn 21 08 39.9 +1.1

INU Inuyama 3.08 265 P Pn 21 08 43.7 +0.8

JCU Chichijima 8.64 172 P Pn 21 09 56.6 -2.6

KSRK Kora Array 10.48 283 P Pn 21 10 26.6 +2.2

USRK Usuriysk Arr. 10.85 324 P Pn 21 10 30.0 +0.7

H1N2 WAKE ISLAND Hy 27.95 118 T 21 42 54.4

H1N1 WAKE ISLAND Hy 27.95 118 T 21 42 60.0

H1N3 WAKE ISLAND Hy 28.62 118 T 21 43 03.9

SONM Songino Array 28.13 306 P P 21 13 44.7 +0.5

H1S1 WAKE ISLAND Hy 28.60 120 T 21 43 48.5

H1S3 WAKE ISLAND Hy 28.60 120 T 21 43 35.4

H1S2 WAKE ISLAND Hy 28.62 120 T 21 43 44.3

ZALV Zalesovo Beam 42.45 313 P P 21 15 47.5 +0.9

MKAR Makanichi Array 44.41 303 P P 21 16 02.4 -0.1

KURBB Kurchatov Arra 46.43 309 P P 21 16 17.9 -0.5

BVAR Borovoye Array 51.10 313 P P 21 16 54.0 -0.3

WRA Warramunga Arr 55.65 187 P P 21 17 27.3 -0.6

FINES FINESS Array B 69.77 332 P P 21 19 01.2 -0.2

TAP 05 21:12:05.1, 24.42N, 121.91E, h20km, ML1.9, A, Taiwan

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

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SHuangxi, Sanguang, Xiulin Townshi, etc.

JMA 05 21:12:46.6-0.1, 24.13N, 123.1E, 0.76, h50km, 2km, MV1.3/9, NW OF ISHIGAKIJIMA IS, Southwestern Ryukyu Islands

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

CATAC 05 21:14:59.0-0.9, 15.15N, 4.83W, h7km, 6km, M4.4/11, MLV4.4/11, Error ellipse: s-maj=9.2km s-min=3.6km az=174.0, confirmed, Honduras

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Bilwi Airport, Universidad Ur, Isla de Provid, etc.

IDC 05 21:22:02.0-2.6, 45.32N, 28.02W, h0km, mb4.1/26, mbtmp4.1/28, ML3.9/2, MS4.1/9, Error ellipse: s-maj=17.9km s-min=12.4km az=7.0

BUJ 05 21:22:02.4, 45.11N, 27.54W, h10km, mb5.1/2, mb4.7/19, Ms5.3/4, Ms7.5/04

IGIL 05 21:22:03.6, 45.30N, 28.17W, h10km, mb4.4

GCMT 05 21:22:04.2, 0.2, 45.30N, 0.02, 27.87W, 0.02, h12km, MW4.9/127, Moment Tensor Solution. s37, c49; s127, c188; Duration: 0 Moment tensor: Scale 10^16Nm; Mn: 3.03e-07; Mpp: 0.13e-08; Mpp: 2.86e-06; Mm: 2.01e-08; Mpp: 0.47e-06; Mpp: 0.13e-24; Best double couple: Mxx: 0.0000e+00 NPy: 5.0000e-08, s44.0000e-08, s-97.0000e-08, NPz: 9.14e-08, s47.0000e-08, s-84.0000e-08; Principal axes: T: 2.9460, Plg2: 0.0000; Az=280.0000; N: 0.1065, Plg5: 0.0000; Az=10.0000; P: -3.0500, Plg5: 0.0000; nsta: 1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 05 21:22:04.2, 1.5, 45.25N, 0.1-28.20W, 0.06, h10km, 1km, mb4.71/24 Error ellipse: s-maj=22.5km s-min=7.2km az=174.0

ISC 05 21:22:04.0-4.0, 45.28N, 0.04-28.05W, 0.06, h14km, n256, c157/111, mb4.6/12, MS4.5/24, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Serra Branca, Graciosa, Serra de Santa, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like 132nm, 1.6s, Madeira, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Arraiolos, Marv??o, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Marlete, Beja, Castro Verde, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Barranco-do-Ve, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Borgas, Champon-Foret, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Feichten, Mota, Sankt Quirin, etc.

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

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

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

ZVC	comp=Z,13nm,1.4s	28.64	66	eP	P	21 28 01.4 +1.1
ZVZ	comp=Z,900nm,17.5s	28.75	64	AMS	AMS	21 38 50.0
PVCC	comp=Z,1um,17.9s	28.78	72	eP	P	21 28 03.8 +2.1
MYKA	Terra Mystica	28.78	72	eP	P	21 28 03.8 +2.1
PRU	Frühniche	28.79	65	AMS	AMS	21 38 50.0
KRCU	Cesky Krumlov	28.81	66	AMS	AMS	21 38 40.0
FRB	Frobisher Bay	29.18	324	LR	LR	21 37 25.1
OBKA	Obir	29.42	72	eP	P	21 28 08.3 +1.0
TREC	Trest	29.50	66	AMS	AMS	21 39 20.0
UPC	Ujice	29.66	64	eP	P	21 28 10.9 +1.6
UPC	Ujice	29.66	64	eP	P	21 39 30.0
CHVC	Chvalec	29.68	64	AMS	AMS	21 39 20.0
SOKA	Soboth	29.70	72	eP	P	21 28 09.1 -0.7
KEST	Kesra	29.76	95	P	P	21 28 11.6 +1.1
OSTC	Ostas	29.79	64	AMS	AMS	21 39 30.0
DPC	Dobruska-Polom	29.88	64	AMS	AMS	21 39 30.0
DPC	Dobruska-Polom	29.88	64	P	P	21 28 12.6 +1.3
ARSA	Arzberg	29.90	70	eP	P	21 28 12.2 +0.7
ARSA	Arzberg	29.90	70	eP	P	21 28 12.3 +0.7
CONA	Conrad Observa	29.99	69	eP	P	21 28 13.5 +1.1
WINA	Alland / Wiene	30.09	69	eP	P	21 28 14.1 +0.9
KRUC	Moravsky Berou	30.12	67	eP	P	21 28 14.2 +0.8
VRAC	Vranov	30.21	66	P	P	21 28 14.9 +0.7
VRAC	Vranov	30.21	66	eP	P	21 28 15.1 +0.9
KRLC	Kralicky	30.21	65	AMS	AMS	21 40 00.0
RONA	Rosalia, Austr	30.32	69	eP	P	21 28 15.5 +0.3
MORC	Moravsky Berou	30.74	65	eP	P	21 28 19.6 +0.7
MORC	Moravsky Berou	30.74	65	eP	P	21 28 20.0 +1.1
MODS	Modra-Piesok	30.83	68	AMS	AMS	21 28 20.1 +0.4
OKK	Ostrava-Krasne	31.12	65	AMS	AMS	21 40 30.0
OJC	Ojcow	32.10	64	P	P	21 28 31.6 +0.8
OJC	Ojcow	32.10	64	P	P	21 28 31.8 +0.9
OJC	Ojcow	32.10	64	P	P	21 28 35.3 -0.4
MORH	Mrgy, Hungar	32.24	71	P	P	21 28 33.3 +1.3
PSZ	Piszkesteto	32.64	68	P	P	21 28 39.9 +4.3
FINES	FINES Array B	34.93	43	P	P	21 28 55.3 0.0
RNP9P	Sopachiv	35.67	60	P	P	21 29 03.1 +1.3
ARCES	ARCESS Array B	35.86	29	P	P	21 29 02.9 -0.4
BUR08	Bucovina Ar. S	36.16	67	P	P	21 29 07.7 +1.5
BUR08	Bucovina Ar. S	36.16	67	P	P	21 29 13.8
BURAE	Bucovina Ar. S	36.16	67	P	P	21 29 07.2 +0.9
SPITS	Spitsbergen Ar	37.16	14	P	P	21 29 14.4 +0.1
MLR	Muntele Rosu	37.32	70	P	P	21 29 17.2 +1.1
MLR	Muntele Rosu	37.32	70	P	P	21 29 25.0
MLR	Muntele Rosu	37.32	70	P	P	21 29 17.9 +1.8
AKASG	Malin Array B	37.89	61	P	P	21 29 19.4 -1.2
RDO	Rodhopi	38.68	77	P	P	21 29 29.1 +1.7
RDO	Rodhopi	38.68	77	P	P	21 29 35.1
TORD	Torodi Ar. Bea	40.78	132	P	P	21 29 45.3 +0.2
TORD	Torodi Ar. Bea	40.78	132	P	P	21 29 45.3 +0.2
FCC	Fort Churchill	41.08	314	P	P	21 29 46.4 -0.7
FCC	Fort Churchill	41.08	314	P	P	21 29 54.0
BLKN	Baker Lake	41.16	322	P	P	21 29 46.7 -1.1
BLKN	Baker Lake	41.16	322	P	P	21 29 54.3
TKL	Tuckaleechee C	42.71	277	LR	LR	21 47 04.8
DBIC	Dimbokro	43.42	145	P	P	21 30 06.4 -0.3
BR106	Keskin Array S	44.83	74	P	P	21 30 18.9 +0.9
BR105	Keskin Array S	44.84	74	P	P	21 30 19.2 +1.2
BR131	Keskin Array S	44.85	74	P	P	21 30 18.0 -0.2
BRTR	Keskin Array B	44.85	74	P	P	21 30 16.9 -1.2
BRTR	Keskin Array B	44.85	74	P	P	21 30 17.4 -0.7
BR104	Keskin Array S	44.86	74	P	P	21 30 19.1 +0.9
FVM	French Village	45.11	284	P	P	21 30 28.2 -0.1
FVM	French Village	45.11	284	P	P	21 30 30.4
FFC	Fiin Flon	46.35	310	P	P	21 30 29.5 -0.2
FFC	Fiin Flon	46.35	310	P	P	21 30 37.2
BNN	Bunyan	46.77	74	P	P	21 30 33.9 +0.6
KIRV	Kirov	46.88	44	P	P	21 30 31.7 -2.0
ECSD	EROS Data Cent	47.55	294	P	P	21 30 39.3 +0.1
S39A	Bolivar	48.28	285	Iamb	Iamb	21 30 46.5
KBZ	Khabaz	49.09	65	P	P	21 30 51.6 +0.6
YKA	Yellowknife Ar	49.69	323	P	P	21 30 55.0 -0.4
YKA	Yellowknife Ar	49.69	323	P	P	21 32 14.6 -1.7
YKA	Yellowknife Ar	49.69	323	P	P	21 30 54.4 -1.0
ARTI	Arti	52.20	45	P	P	21 31 13.5 -0.8
WMOK	Wichita Mounta	53.59	285	P	P	21 31 24.4 -0.5
H10N2	ASCENSION HYDR64.25 163 T			T	T	22 29 37.0
H10N3	ASCENSION HYDR64.26 163 T			T	T	22 29 37.8
H10N1	ASCENSION HYDR64.27 163 T			T	T	22 29 35.9
F31M	Tsigehtiche	54.57	333	P	P	21 31 31.4 -0.1
G31M	Satah River	55.03	332	P	P	21 31 34.0 -0.9
G31M	Satah River	55.03	332	P	P	21 31 35.7
F30M	Barrier River	55.13	334	P	P	21 31 35.5 -0.2
H10S3	ASCENSION HYDR65.31 164 T			T	T	22 30 59.0
H10S2	ASCENSION HYDR65.32 164 T			T	T	22 30 59.8
ISCO	Idaho Springs	55.34	294	P	P	21 31 37.2 -0.8
G30M	Aoch Zrail Nji	55.63	333	P	P	21 31 41.6 +2.3
G30M	Aoch Zrail Nji	55.63	333	P	P	21 31 45.7
H31M	Peel River	55.70	331	Iamb	Iamb	21 31 42.5
BRDY	Brady	55.72	282	P	P	21 31 39.7 -0.7
BRDY	Brady	55.72	282	P	P	21 31 41.3
BOZ	Bozeman (W)	55.96	303	P	P	21 31 42.2 +0.1
EPYK	Bozeman (W)	55.96	303	P	P	21 31 42.2 +0.1
EPYK	Bozeman (W)	55.96	303	P	P	21 31 50.6

PD31	Pinedale Array	56.23	299	P	P	21 31 42.9 -1.3
PD31	Pinedale Array	56.23	299	Iamb	Iamb	21 31 50.8
PDAR	Pinedale Array	56.23	299	P	P	21 31 44.1 0.0
PDAR	Pinedale Array	56.23	299	P	P	21 31 43.0 -1.1
BW06	Boulder Array	56.23	299	Iamb	Iamb	21 31 43.3 -0.9
BW06	Boulder Array	56.23	299	Iamb	Iamb	21 31 50.7
G29M	Pine Creek	56.24	334	P	P	21 31 43.7 +0.1
NR1K	Norik'sk	56.24	334	P	P	21 31 45.5 +1.0
E27K	Coleen River	56.53	336	P	P	21 31 46.3 +0.6
ABKAR	Abkukal array	56.55	52	P	P	21 31 51.5 +5.4
DLMT	Dillon	56.66	303	Iamb	Iamb	21 31 55.7
I30M	Mount Dempster	56.73	331	P	P	21 31 47.2 0.0
MSTX	Muleshoe	56.74	287	P	P	21 31 47.0 -0.8
MSTX	Muleshoe	56.74	287	Iamb	Iamb	21 31 49.4
H29M	Whitestone	56.78	333	P	P	21 31 47.4 -0.1
H29M	Whitestone	56.78	333	Iamb	Iamb	21 31 54.1
J30M	Hart River	57.10	331	P	P	21 31 50.2 +0.3
G27K	Doyon Strip	57.43	334	P	P	21 31 52.4 +0.3
RDUM	Red Mountain	57.44	297	P	P	21 31 55.0 +0.2
RDUM	Red Mountain	57.44	297	Iamb	Iamb	21 31 55.0
BCYI	Bear Canyon	57.72	302	P	P	21 31 54.4 -0.3
BCYI	Bear Canyon	57.72	302	Iamb	Iamb	21 31 57.6
I28M	Miner Creek	57.76	333	P	P	21 31 54.5 -0.1
I28M	Miner Creek	57.76	333	Iamb	Iamb	21 32 01.3
H27K	Steamboat Moun	57.77	334	P	P	21 31 54.8 +0.3
M31M	Dray Creek, Y	57.83	328	P	P	21 31 55.2 -0.2
K29M	Barlow Dome	57.96	330	P	P	21 31 56.1 +0.1
K29M	Barlow Dome	57.96	330	Iamb	Iamb	21 32 03.2
G26K	Porcupine Rive	57.98	335	P	P	21 31 57.0 +1.2
G26K	Porcupine Rive	57.98	335	Iamb	Iamb	21 32 03.2
HWUT	Hardware Ranch	58.11	299	P	P	21 31 58.3 +0.8
HWUT	Hardware Ranch	58.11	299	Iamb	Iamb	21 31 59.0
I27K	Kandik River	58.20	333	P	P	21 31 58.1 +0.5
I27K	Kandik River	58.20	333	Iamb	Iamb	21 31 58.9
BSUT	Blindstream Ca	58.21	297	P	P	21 31 58.0 -0.4
PV04	Paradox Valley	58.25	294	P	P	21 31 58.5 +0.2
PV11	David Mesa, Pa	58.28	294	P	P	21 31 59.2 0.5
PV23	Carpenter Ridd	58.29	294	P	P	21 31 58.8 -0.1
P18A	Preston Nutter	58.40	296	P	P	21 31 59.2 -0.5
P18A	Preston Nutter	58.40	296	Iamb	Iamb	21 32 01.5
DAWY	Dawson	58.46	331	P	P	21 31 59.9 +0.5
DAWY	Dawson	58.46	331	Iamb	Iamb	21 32 06.5
M23K	Nanushuk River	58.47	339	P	P	21 32 00.1 +0.8
D30M	Minto, Yukon	58.49	329	Iamb	Iamb	21 32 07.2
E24K	Your Creek	58.53	338	Iamb	Iamb	21 32 06.2
L29M	L29M	58.63	330	Iamb	Iamb	21 32 08.2
SAND	Sanderson	58.67	282	P	P	21 32 01.2 -0.1
SAND	Sanderson	58.67	282	Iamb	Iamb	21 32 02.6
HVU	Hansel Valley	58.76	299	Iamb	Iamb	21 32 16.3
N31M	Braburn, Yuko	58.79	328	P	P	21 32 03.2 +1.5
N31M	Braburn, Yuko	58.79	328	Iamb	Iamb	21 32 08.3
P17A	Butcher Ranch,	58.80	296	P	P	21 32 02.4 +0.1
P17A	Butcher Ranch,	58.80	296	Iamb	Iamb	21 32 04.3
SPUT	South Promonto	58.83	299	P	P	21 32 02.7 +0.3
SPUT	South Promonto	58.83	299	Iamb	Iamb	21 32 09.6
E23K	Chadalar	58.85	338	P	P	21 32 03.1 +1.1
WHY	Whitese	58.96	327	P	P	21 32 03.3 +0.3
M29M	Somme Creek	59.18	329	P	P	21 32 05.5 +1.0
M29M	Somme Creek	59.18	329	Iamb	Iamb	21 32 12.2
TMUT	Trail Mountain	59.20	296	P	P	21 32 04.8 -0.5
TPB28	TPB28	59.27	285	P	P	21 32 05.5 0.0
TPB28	TPB28	59.27	285	Iamb	Iamb	21 32 08.3
O30N	Mendenhall	59.36	327	P	P	21 32 06.3 +0.7
E22K	Anaktuk Pass	59.38	299	P	P	21 32 06.9 +0.5
BGU	Big Grassy Mou	59.41	299	P	P	21 32 06.0 -0.4
DUG	Dugway, Tooele	59.69	298	P	P	21 32 09.8 +1.4
BVAR	Borovoye Array	59.88	44	P	P	21 32 09.8 +0.4
BVAR	Borovoye Array	59.88	44	P	P	21 32 09.8 +0.4
BCAR	Beaver Creek	59.93	331	P	P	21 32 10.4 +0.8
H24K	Noodor Dome	59.95	336	P	P	21 32 10.0 +0.4
H24K	Noodor Dome	59.95	336	Iamb	Iamb	21 32 51.2
SCRK	Sand Creek	60.05	333	P	P	21 32 11.4 +1.0
SCRK	Sand Creek	60.05	333	Iamb	Iamb	21 32 11.8
J25K	Salcha River,	60.05	334	Iamb	Iamb	21 32 17.5
TXAR	Lajitas Array	60.11	283	P	P	21 32 12.3 +1.0
TXAR	Lajitas Array	60.11	283	P	P	21 32 12.3 +1.0
DOT	Dot Lake	60.29	332	Iamb	Iamb	21 32 19.4
ILAR	Eielson Array	60.40	334	P	P	21 32 13.2 +0.5
ILAR	Eielson Array	60.40	334	Iamb	Iamb	21 32 13.2 +0.5
ILAR	Eielson Array	60.40	334	P	P	21 32 12.6 -0.2
C19K	Lookout Ridge	60.46	342	P	P	21 32 13.6 +0.5
MENT	Mentasta	60.67	332	Iamb	Iamb	21 32 16.4
K24K	Donnelly Dome	60.74	333	P	P	21 32 17.0 +1.9
ELK	Elko	60.87	307	P	P	21 32 17.0 +0.4
ELK	Elko	60.87	307	Iamb	Iamb	21 32 19.1
WRH	Wood River Hill	60.98	335	P	P	21 32 17.1 +0.5
J08A	Circle Bar Ring	61.27	304	Iamb	Iamb	21 32 27.1
PSUT	Pine Spring	61.32	297	Iamb	Iamb	21 32 21.9
CCUT	Cedar City	61.60	296	Iamb	Iamb	21 32 23.8</

5d 21h

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Includes stations like LPAZ, SOMM, JNU, QSPA, VNSA, ASAR.

TAP 05 21:24:26.8, 24.74N, 122.65E, h118km, ML3.2, D
JMA 05 21:24:27.1, 0.2, 25 N12.2, 122.6E, 0.5, h118km, 1km,
MV2: 1/13, NW OFF ISHIGAKIUMA IS
ISC 05 21:24:27.7, 1.4, 24.89N, 0.04, 122.64E, 0.03, h113km, 7km,
n92, -0583/182, 7C, Taiwan region

Main station list table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Lists numerous stations including JYNG, YOJ, YOJ, EOS2, EOS3, EOS4, EGS, TWB1, TWC, TWP, TIBP, SX11, ILLA, NDS, ENA, TWE, TWA, LATG, NDT, NWLT, IRIF, ETL, YM01, YM08, NACB, ZUH3, ZUH4, TWY, ANP, TWD, YHNB, ETLH, SANGUANG, NNSB, NTST, NNS, HWA, TWS1, TEYL, ETM, LXIB, JKRS, SHUL, KSHI, FUSS, NCUH, WHF, NFF, JICH, JIJ, TWT, ETL, TDCB, LIOB, NOST, WARB, WARB, SBCB, SBCB, JISG, OWD, WUSB, WHP, WVDT, EHYH, EHYH, EHY, WCS, WQ1, WQ2, SMLT, SMLT, SSSLB.

2020 JUN

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, ISC. Lists stations like SSSLB, YULB, EYUL, YUCHR, TWC, TWF1, TWF2, TWTJ, CHKH, CHKH, WHYT, WHYT, FULB, FULB, CHKT, CHKT, WCHH, WCHH, ALS, ALS, CHNS, CHNS, CHNS, CHNS, ELDTW, ELDTW, ELDTW, WCKO, WCKO, WCKO, STYH, STYH, STYH, TPUB, TPUB, TPUB, JIRJ, JIRJ, WTP, WTP, WTP, TWK, TWK, TWK, CHN1, CHN1, MASBT, MASBT, MASBT, PHUB, PHUB, PHUB, SMST, SMST, SMST.

IDC 05 21:27:06.3, 0.4, 54.19N, 161.57E, h0km, mb4.5/36,
mbtmp4.5/41, ML4.9/4, MS4.0/62, Error ellipse:
s-maj=10.1km s-min=8.9km az=3.0

KRSC 05 21:27:07.4, 1.1, 53.96N, 161.99E, h51km, 25km, Mc4.9,
M5.1, Felt [IV-V] at kordon Aerodrom, kordon Valley of
Geysers.

NEIC 05 21:27:07.3, 1.9, 54.11N, 0.07, 161.86E, 0.09, h10km, 1km,
mb4.9/376, Error ellipse: s-maj=12.5km s-min=8.2km
az=163.0

BUI 05 21:27:10.3, 54.00N, 161.41E, h37km, mb4.7/14, mb4.8/44,
MS4.6/44, Ms7.4/45

MOS 05 21:27:10.2, 1.1, 54.01N, 161.87E, h51km, mb5.0/70,
MS4.1/17, Error ellipse: s-maj=5.1km s-min=3.2km
az=79.7

GCMT 05 21:27:14.0, 4.0, 54.08N, 0.02, 161.83E, 0.04, h23km, 2km,
MV4.8/77, Moment Tensor Solution, s15, c17; s77, c111;
Duration: 0 Moment tensor: Scale 10^19Nm; M1=0.82; M2=1.82; M3=1.80; M4=1.80; M5=1.80; M6=1.80; M7=1.80; M8=1.80; M9=1.80; M10=1.80; M11=1.80; M12=1.80; M13=1.80; M14=1.80; M15=1.80; M16=1.80; M17=1.80; M18=1.80; M19=1.80; M20=1.80; M21=1.80; M22=1.80; M23=1.80; M24=1.80; M25=1.80; M26=1.80; M27=1.80; M28=1.80; M29=1.80; M30=1.80; M31=1.80; M32=1.80; M33=1.80; M34=1.80; M35=1.80; M36=1.80; M37=1.80; M38=1.80; M39=1.80; M40=1.80; M41=1.80; M42=1.80; M43=1.80; M44=1.80; M45=1.80; M46=1.80; M47=1.80; M48=1.80; M49=1.80; M50=1.80; M51=1.80; M52=1.80; M53=1.80; M54=1.80; M55=1.80; M56=1.80; M57=1.80; M58=1.80; M59=1.80; M60=1.80; M61=1.80; M62=1.80; M63=1.80; M64=1.80; M65=1.80; M66=1.80; M67=1.80; M68=1.80; M69=1.80; M70=1.80; M71=1.80; M72=1.80; M73=1.80; M74=1.80; M75=1.80; M76=1.80; M77=1.80; M78=1.80; M79=1.80; M80=1.80; M81=1.80; M82=1.80; M83=1.80; M84=1.80; M85=1.80; M86=1.80; M87=1.80; M88=1.80; M89=1.80; M90=1.80; M91=1.80; M92=1.80; M93=1.80; M94=1.80; M95=1.80; M96=1.80; M97=1.80; 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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like SKAG Skagway, S31K Pelican, N32M Quiet Lake, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like LYNN, BBB Bella Bella, YKAW Yellowknife Wh, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like K05A Summer Lake, N02D Trinity Center, JYMT Jette, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like CONA Conrad Observa, RONAL Rossal Trust, GZRR Gura Zlata, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like ESDC Sonseca Array, ESKA Eskdalemuir Arr, MDO1 Midett array s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like TVKS Tavakasy, DZA Taraz, MRKS Merke, etc.

IDC 05 21:38:33.5, 3.6, 14S, 147.34E, h0km, mb3.5/2, mbmp3.8/18, ML3.6/1, Error ellipse: s-maj=74.8km, s-min=55.4km az=63.0, Eastern New Guinea region

KRNET 05 22:04:54.7, 0.1, 41.19N, 171.95E, h16km, mb3.3, SOME 05 22:04:54.1, 41.13N, 172.03E, h10km, NNC 05 22:04:56.0, 1.0, 41.116N, 172.05E, h0km, mb4.0, mpv3.5, Error ellipse: s-maj=8.8km, s-min=3.0km az=1.0

IDC 05 22:06:37.3, 1.5, 13.72N, 146.58E, h0km, mb3.4/8, mbmp3.4/8, Error ellipse: s-maj=56.3km, s-min=22.9km az=82.0, mbmp3.4/8, Error ellipse: s-maj=56.3km, s-min=22.9km az=82.0

6d 0h

2020 JUN

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time s, ISC, h, m, s, ISC. Includes stations like CNPM, Q19K, MID, etc.

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

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

GERES	comp=Z,3.0nm,0.7s,baz=65,slow=7.5,SNR=15	pP	sP	00 19 01.2 -0.2
GERES	comp=Z,1.0nm,0.7s	P	P	00 18 54.2 +0.8
GERES	GERESS Array B	43.42 298	P	00 18 54.2 +0.8
GERES	GERESS Array B	43.42 298	P	00 19 00.4 +5.4
MOA	Molin	43.43 298	eP	00 18 55.7 +0.8
AKN	Aaknes	43.44 320	e	00 19 01.3 +0.1
AKN	AKN	43.69 311	eP	00 19 04.4
MUD	Monsted Ugrnd	43.69 311	I Amb	00 19 02.4 +5.5
MUD	Monsted Ugrnd	43.69 311	eP	00 19 03.2 +5.5
OBKA	Obir	43.75 296	eP	00 18 59.0 +0.8
WET	Wetzell	43.83 300	P	00 19 09.9 +0.8
WET	Wetzell	43.83 300	P	00 19 06.5 0.0
MOX	Moxa	44.07 302	P	00 19 09.9 +0.8
MOX	MOX	44.07 302	P	00 19 06.5 0.0
MA2	Magadan	44.10 44	LR	00 38 32.5
MA2	Magadan	44.10 44	LR	00 18 59.5 -0.7
MA2	Magadan	44.10 44	I Amb	00 19 09.6 +0.4
MA2	Magadan	44.10 44	iP	00 19 06.6 +0.4
SEY	Seymchan	44.11 39	iP	00 19 01.0 +0.8
SEY	Seymchan	44.11 39	iP	00 19 07.3 +5.4
MYKA	Terra Mystica	44.28 296	eP	00 19 09.0 +5.9
FOO	Floro	44.47 319	eP	00 19 04.8 +1.3
GRB1	Grafenberg Arr	44.49 301	P	00 19 05.1 +0.7
GRB1	Grafenberg Arr	44.49 301	P	00 19 05.1 +0.7
LESA	Schwarzteal	44.58 298	eP	00 19 10.5 -0.2
LESA	Schwarzteal	44.58 298	eP	00 19 05.0 +0.6
BER	Bergeim	44.63 317	eP	00 19 04.0 -0.7
GR1	Grafenberg Arr	44.64 301	P	00 19 04.0 -0.7
GRF	Grafenberg Arr	44.64 301	P	00 19 06.1 +1.4
GRF	Grafenberg Arr	44.64 301	P	00 19 11.8 +0.8
ASK	Askoy	44.67 317	eP	00 19 11.1 +6.4
MJAR	Matsushiro Arr	44.90 79	P	00 19 05.9 -1.0
MJAR	Matsushiro Arr	44.90 79	P	00 38 54.6
MJAR	Matsushiro Arr	44.90 79	P	00 19 05.1 -1.8
ABTA	Abfattersbach	44.95 297	eP	00 19 11.4 +4.2
WTTA	Wattenberg	45.30 298	P	00 19 10.7 +0.6
WTTA	Wattenberg	45.30 298	P	00 19 10.7 +0.6
WTTA	Wattenberg	45.30 298	iP	00 19 16.2 -0.3
WTTA	Wattenberg	45.30 298	iP	00 19 10.1 -0.1
WTTA	Wattenberg	45.30 298	iP	00 19 16.1 -0.4
SQTA	Sankt Quirin	45.58 298	iP	00 19 12.7 +0.4
SQTA	Sankt Quirin	45.58 298	iP	00 19 18.1 -0.6
MOTA	Moosalm	45.60 298	eP	00 19 13.0 +0.5
MOTA	Moosalm	45.60 298	eP	00 19 18.7 -0.1
RETA	Reutte	45.76 299	iP	00 19 14.1 +0.5
RETA	Reutte	45.76 299	iP	00 19 19.8 -0.2
FETA	Feichten	45.96 298	iP	00 19 15.8 +0.4
FETA	Feichten	45.96 298	iP	00 19 21.1 -0.6
INTR	Introdacqua	46.04 290	P	00 19 15.2 -0.8
FDMO	Fiordimonte	46.12 292	P	00 19 15.8 -0.7
DAVA	Damueli	46.38 299	iP	00 19 19.4 +0.7
DAVA	Damueli	46.38 299	iP	00 19 24.9 -0.2
DAVA	Damueli	46.38 299	eP	00 19 18.4 -0.7
DAVOX	Ofenpass-Fuorn	46.42 298	P	00 38 47.3
DAVOX	Ofenpass-Fuorn	46.59 298	LR	00 19 21.6 +1.6
NOR	Nord	46.63 348	P	00 19 26.6 +0.3
NOR	Nord	46.63 348	iP	00 19 20.6 +0.6
NOR	Nord	46.63 348	iP	00 19 22.3
BFO	Black Forest	46.92 301	P	00 19 21.9 -0.8
BFO	Black Forest	46.92 301	P	00 19 21.9 -0.8
SLE	Schleitheim	47.05 300	P	00 19 24.7 +0.9
SLE	Schleitheim	47.05 300	P	00 19 29.6 -0.5
TUE	Stuetta	47.05 298	P	00 19 23.1 -0.9
TUE	Stuetta	47.05 298	P	00 19 23.6 -0.4
ECH	Echery	47.68 301	P	00 19 28.1 -0.6
ECH	Echery	47.68 301	P	00 19 35.3
ECH	Echery	47.68 301	P	00 19 28.1 -0.6
BILL	Bilibino	48.37 30	iP	00 19 33.0 -0.6
BILL	Bilibino	48.37 30	iP	00 19 34.3 +0.7
DAG	Danmarks Havn	48.38 342	P	00 19 39.8 -0.1
DAG	Danmarks Havn	48.38 342	P	00 19 33.9 +0.3
DAG	Danmarks Havn	48.38 342	iP	00 19 35.4
SEIN1	Lac Senin/Sane	48.38 299	P	00 19 32.6 -1.8
SEIN1	Lac Senin/Sane	48.38 299	P	00 19 41.5
BNI	Bardonecchia	49.59 297	P	00 19 40.5 -1.1
BNI	Bardonecchia	49.59 297	P	00 19 40.5 -1.1
DBG	Daneborg	49.65 339	iP	00 19 44.3 +0.9
DBG	Daneborg	49.65 339	iP	00 19 45.5
FURI	Furi	49.86 236	LR	00 44 01.1
PEA0B	Petrovavlovsk-	49.89 51	eP	00 19 45.2 -0.3
PETK	Petrovavlovsk-	49.89 51	eP	00 19 45.7 +0.2
PETK	Petrovavlovsk-	49.89 51	eP	00 19 51.8 +0.1
PETK	Petrovavlovsk-	49.89 51	eP	00 41 09.7
PETK	Petrovavlovsk-	49.89 51	eP	00 19 44.1 -1.4
ORIF	Oris-en-Rattie	49.92 297	P	00 19 46.2 +0.2
LOR	Lormes	50.10 301	P	00 19 46.7 -0.5
LOR	Lormes	50.10 301	P	00 19 48.8 -0.9
PET	Petrovavlovsk	50.45 50	iP	00 19 50.8 0.0
EKA	Eskdalemuir Ar	50.59 313	P	00 19 55.9 +0.7
EKA	Eskdalemuir Ar	50.59 313	P	00 20 08.5 +0.6

NEEM	North Greenlan	54.00 348	iP	00 20 17.0 +0.8
NEEM	North Greenlan	54.00 348	iP	00 20 19.0
BORG	Borgarnes	54.36 329	LR	00 43 09.0
SUMG	Summit	54.99 341	P	00 20 22.3 -1.2
SUMG	Summit	54.99 341	P	00 20 31.0
SUMG	Summit	54.99 341	P	00 20 22.3 -1.2
SUMG	Summit	54.99 341	iP	00 20 25.2 +1.7
SUMG	Summit	54.99 341	iP	00 20 28.2
DAV	Day City (W)	55.35 118	LR	00 46 59.1
KULLO	Kullorsuaq	57.18 347	iP	00 20 39.0 +0.3
KULLO	Kullorsuaq	57.18 347	iP	00 20 40.4
A19K	Wainwright	57.26 21	P	00 20 39.7 +0.4
C16K	Lisburne Hills	57.43 23	P	00 20 40.5 +0.1
C17K	DeLong Mountai	57.89 23	P	00 20 44.2 +0.4
A22K	Sinclair Lake	58.12 18	P	00 20 45.2 -0.1
GAMB	Gambell	58.28 29	P	00 20 46.8 +0.3
C18K	Utukok River	58.31 22	P	00 20 47.2 +0.4
B20K	Meade River	58.35 20	P	00 20 47.4 +0.5
C19K	Lookout Ridge	58.41 21	P	00 20 47.6 +0.2
TNA	Tin City	58.42 27	P	00 20 47.9 +0.4
D17K	Nostak River	58.45 23	P	00 20 47.9 +0.2
ESBB	Sonsecia Array	58.87 297	P	00 20 50.0 -1.1
ESBB	Sonsecia Array	58.87 297	P	00 20 57.1
ESDC	Sonsecia Array	58.87 297	P	00 20 50.7 -0.4
ESDC	Sonsecia Array	58.87 297	P	00 20 56.4 +0.9
ESDC	Sonsecia Array	58.87 297	P	00 48 36.2
ESDC	Sonsecia Array	58.87 297	P	00 20 49.9 -1.2
B22K	Teshehpuk Lake	58.97 18	P	00 20 55.9 +0.3
B22K	Teshehpuk Lake	58.97 18	P	00 20 51.9 +0.7
F14K	Arctic Creek	58.98 26	P	00 20 51.9 +0.6
PAB	San Pablo	59.19 297	P	00 20 52.5 -0.8
PAB	San Pablo	59.19 297	P	00 20 59.4
PAB	San Pablo	59.19 297	P	00 20 52.5 -0.8
D19K	Kuna River	59.22 21	P	00 20 52.4 -0.6
D19K	Kuna River	59.22 21	P	00 20 54.5
D19K	Kuna River	59.22 21	P	00 20 53.5 +0.5
E17K	Hotham Inlet	59.23 23	P	00 20 53.4 +0.3
B21K	Ikkipuk River	59.24 19	P	00 20 52.7 -0.4
B21K	Ikkipuk River	59.24 19	P	00 20 54.5
B21K	Ikkipuk River	59.24 19	P	00 20 53.9 +0.8
E18K	Tukphaerik C	59.33 23	P	00 20 53.5 -0.3
E18K	Tukphaerik C	59.33 23	P	00 20 54.2 +0.4
F15K	North Star Dit	59.34 25	P	00 20 54.4 +0.5
F15K	North Star Dit	59.34 25	P	00 20 56.0
F15K	North Star Dit	59.34 25	P	00 20 54.7 +0.8
PBRG	Braganca	59.40 300	eP	00 21 00.3 +5.5
D20K	Etiyuk River	59.44 20	P	00 20 54.7 +0.2
D20K	Etiyuk River	59.44 20	P	00 20 55.2 +0.7
C21K	Knielolade Rid	59.55 20	P	00 20 56.0 +0.7
F17K	Baldwin Pennin	59.84 24	P	00 20 58.0 +0.7
F20K	Nigu River	59.88 21	P	00 20 58.1 +0.4
MVO	Moncorvo	59.94 300	eP	00 21 03.9 +5.4
C23K	Iktilik River	59.97 18	P	00 20 58.6 +0.5
C23K	Iktilik River	59.97 18	P	00 21 00.1
C23K	Iktilik River	59.97 18	P	00 20 59.0 +0.8
G15K	Niukluk	60.02 26	P	00 20 58.9 +0.3
F18K	Selawik	60.18 23	P	00 20 59.9 +0.3
E19K	Redstone River	60.20 22	P	00 20 59.5 -0.3
E19K	Redstone River	60.20 22	P	00 21 01.3
E19K	Redstone River	60.20 22	P	00 21 00.2 +0.4
PCAB	Cabril	60.24 301	eP	00 21 06.4 +5.9
PGAV	Gavieira, Arco	60.24 301	eP	00 21 05.0 +4.5
G16K	Koyuk River	60.25 25	P	00 21 00.7 +0.6
E21K	Kiilik River	60.28 20	P	00 21 00.7 +0.3
POLO	Lamas de Olo	60.29 300	eP	00 21 06.2 +5.3
PVRL	Vila Real	60.30 300	eP	00 21 06.7 +5.7
C24K	Franklin Bluff	60.47 17	P	00 21 02.0 +0.4
F19K	Shalerucik Mo	60.52 22	P	00 21 01.4 -0.6
F19K	Shalerucik Mo	60.52 22	P	00 21 02.4 +0.5
RES	Resolute Bay	60.56 358	LR	00 49 24.1
D23K	Nanushuk River	60.64 18	P	00 21 02.7 -0.1
D23K	Nanushuk River	60.64 18	P	00 21 04.4
D23K	Nanushuk River	60.64 18	P	00 21 03.4 +0.6
G17K	Kiwalik Mouna	60.68 24	P	00 21 03.4 +0.4
MTE	Manteigas	60.70 299	eP	00 21 08.9 +5.2
PV15	Viseu	60.73 300	eP	00 21 09.7 +5.8
H16K	Elim	60.82 26	P	00 21 04.3 +0.3
D24K	Happy Valley	60.90 18	P	00 21 04.8 +0.3
F20K	Avaaraat Lake	60.90 21	P	00 21 04.8 +0.2
PTO	Porto	60.92 300	eP	00 21 03.3 -1.8
PTO	Porto	60.92 300	eP	00 21 05.0 +0.9
G18K	Tagagawik	60.97 23	P	00 21 05.5 +0.4
PCBK	Castelo Branco	60.99 299	eP	00 21 11.5 +5.9
E22K	Anaktuvuk Pass	61.03 19	P	00 21 05.3 -0.3
E22K	Anaktuvuk Pass	61.03 19	P	00 21 06.7
E22K	Anaktuvuk Pass	61.03 19	P	00 21 05.7 +0.2
C26K	Camden Bay	61.07 16	P	00 21 05.5 -0.1
TOLK	Toolik Lake Re	61.15 18	P	00 21 06.2 -0.1
PMRV	Marv???	61.17 298	eP	00 21 07.4 +0.5
G19K	Purcell Mouna	61.22 23	P	00 21 12.7 +5.8
G19K	Purcell Mouna	61.22 23	P	00 21 06.1 -0.6
G19K	Purcell Mouna	61.22 23	P	00 21 07.1 +0.4
D25K	Kavik River	61.27 17	P	00 21 06.9 -0.3
D25K	Kavik River	61.27 17	P	00 21 14.3
D25K	Kavik River	61.27 17	P	00 21 07.8 +0.6
H17K	Granite Mouna	61.30 25	P	00 21 07.0 -0.3
H17K	Granite Mouna	61.30 25	P	00 21 08.1 +0.8

F21K	Alatna River	61.34 21
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6d 0h

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like K20K Telida, CHUM Lake Minchumin, INK Inuvik, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like WAT6 Susitna Watana, DOT Dot Lake, H31M Peel River, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes entries like O30N Mendenthal, O30N Mendenthal, BLKN Baker Lake, etc.

6d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like RIGZ, MUGZ, RTZ, PRGZ, SNGZ, etc.

NEIC 06:01:15:13.3; 1.4, 22.1'S:0.2x179.5W:0.1, h593km, 9km, mb4.2/1, Error ellipse: s-maj=27.9km s-min=14.3km

IDC 06:01:15:13.4, 2.2, 1.1, 22.0'S:0.2x179.6W:0.2, h592km, n26, az=156.0

ISC 06:01:15:13.1, 1.1, 22.0'S:0.2x179.6W:0.2, h592km, n26, az=156.0, mb4.0/10, Fiji Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AS31, ASAR, AS2, WRR, WRA, WRT, FORT, etc.

IDC 06:01:18:15.4, 1.2, 45.28N:27.87W, h0km, mb3.5/6, mbmp3.4/7, ML3.6/1, MS3.2/15, Error ellipse: s-maj=44.3km s-min=23.7km az=23.0

ISC 06:01:18:17.6, 0.1, 45.3N:27.9W:0.2, h14km, n21, az=60.7, mb3.6/5, MS3.1/14, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ESDC, SFJD, NOA, GERES, FRB, KEST, VRAC, AKSG, etc.

SJA 06:01:21:22.0, 0.8, 21.77S:68.46W, h140km, 5km, ML3.7, MW3.6

NEIC 06:01:21:23.0, 0.9, 21.81S:0.05:68.37W:0.07, h138km, 7km, mb4.0/8, ML3.8(GUC), Error ellipse: s-maj=9.8km

IDC 06:01:21:22.9, 2.2, 1.1, 21.81S:67.77W, h114km, 25km, mb3.7/3, mbmp3.9/8, Error ellipse: s-maj=34.0km s-min=19.8km az=118.0

GUC 06:01:21:23.6, 0.8, 21.81S:68.34W, h133km, 5km, ML3.8

VAO 06:01:21:23.0, 0.1, 21.33S:68.02W, h114km, 9km, mb4.0, Presumed earthquake

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB09, AF01, PB01, etc.

PB03 IPOC Station P 1.46 258 Sn Pn 01 21 49.7 +0.4

PB03 IPOC Station P 1.46 258 I/P Sn 01 21 49.7 +0.3

PB03 IPOC Station P 1.46 258 I/S Sn 01 22 09.8 -0.7

PB03 IPOC Station P 1.46 258 I/P Sn 01 21 49.5 +0.3

PB03 IPOC Station P 1.46 258 I/S Sn 01 21 11.3 -0.6

PB07 IPOC Station P 1.55 271 Pn Pn 01 21 50.6 +0.3

PB06 IPOC Station P 1.57 233 I/S Sn 01 21 51.1 +0.5

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PB06, PB02, PB08, etc.

KRNET 06:01:32:07.0, 1.4, 42.12N:78.06E, h18km, mb3.2

SOME 06:01:32:08.8, 4.2, 13N:78.00E, h194km

NINC 06:01:32:09.0, 0.8, 42.21N:78.06E, h0km, mb3.5, mpv3.5, Error ellipse: s-maj=6.2km s-min=2.8km az=175.0

KNET 06:01:32:10.0, 6.0, 4.2, 16N:77.82E, h6km, m2.5, Error ellipse: s-maj=4.6km s-min=3.0km az=178.0

ISC 06:01:32:08.7, 1.1, 42.15N:0.03:77.94E, h0km, 10km, n62, s154/108, 42C-15D, Lake Issyk-Kul region

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Honhosa River, Tiksi, Shaleruckik Mo, Kuna River, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like mbmp4.0/8, MS3.5/10, ASCENSION ISLAND region, etc.

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

MEX 06 04:55:46.0±1.0, 14.68N, 92.46W, h33km±10km, MD3.8

GCG 06 04:55:47.8±0.9, 14.75N, 92.28W, h33km±11km, MD3.4

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Severo-Kuril's, Pauzhetka, Khodutka, etc.

CATAC 06 05:02:20.4±0.2, 12.2N, 87.7W±, h55km±3km, M3.6/43

MLV3.6/43, 13C-21D, Error ellipse: s-maj=5.6km

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like San Cristobal, Rota Cerro Neg, etc.

IDC 06 03:32:11.5±3.1, 50.05S, 120.56E, h0km, mb3.9/3

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Cape Leeuwin, Stephens Creek, etc.

IDC 06 03:49:07.6±2.2, 6.89S, 129.73E, h43km±43km, mb3.6/1

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

IDC 06 04:20:33.4±4.3, 7.12S, 13.31W, h0km, mb3.9/8

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

MAN 06 04:32:47.0±0.2, 9.96N, 127.49E, h30km, MS3.7

DJA 06 04:32:45.0±0.7, 3.3N, 3.12E, h10km±5km, M3.9/12

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like H11N1 WAKE ISLAND Hy 34.43 172 T, H11S1 WAKE ISLAND Hy 35.61 172 T, H11S3 WAKE ISLAND Hy 35.62 172 T, H11S2 WAKE ISLAND Hy 35.63 172 T, YKA Yellowknife Ar 41.75 44 LR, DAV Davao City (W) 55.21 226 LR, TXAR Lajitas Array 69.28 69 P.

OSPL 06:06:58:50.8:0.3, 18.42N:71.30W, h29km, 4km, ML1.7, Presumed earthquake

SDD 06:06:58:52.6:1.7, 18.44N:71.33W, h2km, 51km, MD3.0, ML1.3, MW2.0, Presumed earthquake

ISC 06:06:58:52.2:1.1, 18.42N:0.03:71.31W, 0.06, h12km, 3km, n8, r1803/16,8C, Dominican Republic region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like NEDR Neiba UASD 0.12 299P, LODOU1 El Espartillar 0.17 246 I, LONE3 El Aguacate, B 0.23 321 I, PODR Polo 0.26 175I, JIDR Jimani 0.52 277, SDDR Presa de Saban 0.56 2I, REDR Restauracion 0.74 354I.

SJA 06:07:00:21.9:0.8, 38.55S:68.50W, h4km, ML3.8, MW3.8

ISC 06:07:00:25.5:1.6, 38.26S:0.03:69.00W, 0.09, h18km, 7km, n12, r1525/25, 1D, Southern Argentina

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CANA Caviahue 1.67 282, CANA Curarrehue 2.34 235, GO06 Curarrehue 2.34 235, GO06 Curarrehue 2.34 235, LC01 Cunco 2.34 253, BIO2 San Fabin de 2.41 311, BIO2 San Fabin de 2.41 311, ED53 Malarhue 2.50 353, PLCA Paso Flores 2.75 205, LR05 Currie 3.05 229, LR05 Currie 3.05 229, ML02 Panimavida 3.15 321, BO02 Sierra Bellavi 3.74 337.

SJA 06:07:03:09.0:0.7, 31.02S:71.56W, h59km, 5km, ML3.5, MW3.6

GUC 06:07:03:10.2:0.9, 31.02S:71.44W, h55km, 6km, ML3.7

ISC 06:07:03:09.6:1.3, 31.01S:0.02:71.62W, 0.05, h31km, 1km, n60, r118/104, 6C-3D, Near coast of central Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CO02 Combarbal 0.56 110, CO02 Combarbal 0.56 110, CO02 El Pedregal 0.82 78, CO03 El Pedregal 0.82 78, GO04 Tololo Observa 1.09 41, GO04 Tololo Observa 1.09 41, CO04 La Serena 1.13 17I, CO04 Los Peladeros 1.17 152, VA06 Catapilco 1.57 170I, CO01 Juntas del Tor 1.67 52, CO01 Juntas del Tor 1.67 52, VA03 San Esteban 1.97 153, VA03 San Esteban 1.97 153, VA01 Torpederas 2.01 181, ROCH El Roble 2.03 165, AROD Rodeo 2.03 66.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AROD RTLS Leoncio 2.14 112, LCO Las Campanas 2.14 22, LCO Las Campanas 2.14 22, ACCO Cerro Coronel 2.24 80, PEL Peidehue 2.27 160, MT02 Curacav 2.28 170, MT02 Curacav 2.28 170, AC05 Cuesta del Vie 2.31 69, MT10 Hacienda Santa 2.44 158, AC05 El Transito 2.46 29, MT05 Renca 2.49 163, MT05 Renca 2.49 163, MT14 Cerro Caljn 2.55 159I, FCH Farellones 2.57 154, ZON Zonda 2.57 103, MT16 CCHEN 2.59 159, MT03 Universidad Ad 2.65 160, MT03 Universidad Ad 2.65 160, SJA San Juan 2.67 102, MT04 Ro Olivares 2.70 153, MT04 Ro Olivares 2.70 153, RTLL Cerro Villucun 2.71 98, MT15 Las Vizcachas 2.75 160, MT08 Bocatomia Ro 2.78 151, MT08 Bocatomia Ro 2.78 151, AC04 Llanos de Chal 2.83 10, ASAL Salagasta 2.85 124, RTLL Pirque 2.87 162, MT01 Popeta 2.87 174, ARCO CERRO ARCO 2.93 129, CFA Coronel Fentan 2.95 103, AAGR Agrelo 3.15 132, BO01 Tunca 3.41 173, AVFE Valle Fertl 3.60 86, GO03 Copiapo 3.61 20, VCA Vinchina 3.73 53, BO02 Sierra Bellavi 3.84 170, GO05 Hualane 4.00 184, ACHE Chepes 4.25 93, ACLC CERRO LA CRUZ 4.33 70, TINO Tinogasta 4.59 51, AC02 Maricunga 4.69 28, AC01 Pan de Azucar 4.92 11.

IDD 06:07:03:31.3:8.5, 58.52S:26.51W, h170km, 79km, mb3.6/6, mbmp4.1/7, Error ellipse: s-maj=36.6km s-min=23.7km az=81.0

ISC 06:07:03:31.4:1.0, 58.55S:0.2:26.70W, 0.3, h172km, n12,

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VNA1 Neumayer-Stat 14.40 155, VNA3 Neumayer Olymp 14.56 158, SNA3 Snae 16.38 153, SNA3 Snae 16.38 153, TROLL Troll, Antarti 17.92 150, GQSA South Pole Qui 31.70 180, MAW Mawson 38.01 142, VVDA Vanda 44.09 183, LPAZ La Paz 52.04 306, TORO Torodi Ar, Bea 75.11 29, ASAR Alice Springs 96.53 162, ILAR Eielson Array 151.91 308.

MEX 06:07:19:16.3:0.5, 14.11N:92.15W, h37km, 29km, MD3.8

GCG 06:07:19:16.1:1.5, 14.11N:91.86W, h30km, 7km, MD3.5, ML3.4, Presumed earthquake

ISC 06:07:19:15.0:2.2, 14.2N:0.1:92.03W, 0.06, h28km, 13km, n17, r1523/26, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RTAL Retalhuleu 0.49 41, STG2 El Palmar, Qui 0.70 66, STG5 El Palmar, Qui 0.71 69, STG8 El Palmar, Qui 0.72 66, THIG Huehuetenango 1.27 24, QUEO Labor Ovalle 0.87 35, CHUJ Union Juarez 0.94 355, PATR El Naranjo 0.98 348, PAVE Pavencul 1.04 352, HUEH Huehuetenango 1.27 24, HUEH Huehuetenango 1.27 24, FG8 Yepocapa, Chim 1.43 86, FG16 Alotenango, Sa 1.48 85, PCG5 San Vicente Pa 1.61 88, APG El Apazote 1.74 61, TGIG Matias Romero 4.01 317.

BGR 06:07:20:54.5:23.50S:177.61W, h33km

BUI 06:07:21:57.7, 22.22S:178.87W, h587km, mb4.9/7, mb4.8/27

NOU 06:07:22:00.3, 22.17S:179.40W, h585km, mb4.8/76, South of Fiji Islands

NEIC 06:07:22:00.5:1.6, 22.1S:0.1:179.5W:0.1, h576km, 8km, mb4.9/82, Mw=5.0/10, Error ellipse: s-maj=16.1km s-min=14.1km az=125.0

IDC 06:07:22:00.8:0.6, 22.11S:179.48W, h581km, 5km, mb3.9/23, mbmp4.9/26, Error ellipse: s-maj=11.1km s-min=9.1km az=93.0

GCMT 06:07:22:02.6:0.5, 22.20S:0.07:179.55W:0.04, h583km, 4km, MW5.2/48, Moment Tensor Solution, 548.653; Duration: 1s0; Moment tensor: Scale 10^17Nm; Mn=0.39;0.4; Mm=0.08;0.8; Ms=0.46;0.6; Mw=0.56;0.7; Mv=0.35;0.6; Mh=0.55;0.7; Best double couple: M=0.91600*10^17 NP1:phi=52.00000°, delta=37.00000°, lambda=155.00000°; NP2:phi=162.00000°, delta=75.00000°, lambda=50.00000°

Principal axes: T 1.0870, Plg48.0000°, Azm35.0000°; N -0.3420, Plg33.0000°, Azm172.0000°; P -0.7450, Plg22.0000°, Azm278.0000°; nst1 refers to body waves, NIUE=0.00, Triangular moment-rate function

ISC 06:07:22:00.5:0.4, 22.22S:0.05:178.46W:0.05, h583km, 4km, h586km, mb4.9/76, mb4.9/76, 39C-22D, South of Fiji Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MSVF Nonsavu 5.04 332, MSVF Nonsavu 5.04 332, MSVF Nonsavu 5.04 332, RAO Raoul Island 7.14 169, RAO Raoul Island 7.14 169, GLKZ Green Lake 7.15 169, FUTU Fugatoga 7.97 9, NIUE Niue 9.46 72, NIUE Niue 9.46 72, NIUE Niue 9.46 72, MARNC Mare, Loyalty 11.64 271, MARNC Mare, Loyalty 11.64 271, YATNC Mamie plateau, 12.65 268, YATNC Mamie plateau, 12.65 268, OUENC Owen Island, N 12.68 267, OUENC Owen Island, N 12.68 267, ONTNC Owen Toro 13.04 267, ONTNC Owen Toro 13.04 267, DZM Mont Dzumac 13.06 268, NOUC Port Laguerre 13.19 268, SANVU Sarautout 14.30 296, OUZ Omahuta 14.31 204, OUZ Omahuta 14.31 204, GRBZ Great Barrier 14.66 196, ABAB Army Bar 15.16 196, KOUNC Koumac, New Ca 15.23 273, MBAZ Motuputu North 15.19 197, MXZ Matakaoa Point 15.41 187, MXZ Matakaoa Point 15.41 187, HBAZ Herne Bay Bore 15.43 198, MYRZ Mayor Island 15.46 193, ETAZ East Tamaki Re 15.47 197, MKAZ Moumakai 15.55 196, WTAZ Waitaru 15.55 196, AWAZ Awihitu Peninsula 15.55 196, WUWZ Watomatini S 15.66 186, HAZ Te Kaha 15.67 188, PKGZ Pakihoro 15.74 187, RUGZ Raurumara Rang 15.89 188, TGRZ Tauranga 15.89 192, PUKZ Puketapu 15.92 187, OPRZ Ohinepanea 15.95 192, TWGZ Tauwhareparae 16.06 187, TOZ Tahuroa Road 16.06 195, TOZ Tahuroa Road 16.06 195, EDRZ Edgcombe 16.17 191.

6d 7h

Table with columns: Station, Name, Time, Frequency, Mode, and other details. Includes stations like KARZ Kaharoa, OMRZ Oman, URZ Urewera, etc.

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Table with columns: Station, Name, Time, Frequency, Mode, and other details. Includes stations like MTN Mantau Dam, KIP Kipapa, DRS Darwin Rock St, etc.

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Table with columns: Station, Name, Time, Frequency, Mode, and other details. Includes stations like KHMM Mt. Diabolo Mer, O02D Mt. Diabolo Mer, ISA Isabella, Lake, etc.

SNA	Snae	86.33	179	↑P	P	07 33 40.8	-0.3
SNA	Snae	86.33	179	P	P	07 33 40.5	-0.7
L19K	White Mountain	86.38	11	P	P	07 33 41.3	+0.1
RC01	Rabbit Creek A	86.42	14	P	P	07 33 41.0	-0.4
M20K	Styx River	86.42	12	P	P	07 33 40.8	-0.8
J16K	Anvik River	86.50	8	P	P	07 33 41.9	+0.1
VNA3	Neumayer Olymp	86.52	177	↑P	P	07 33 41.8	-0.2
KAIM	Kayak Island	86.72	17	P	P	07 33 43.1	+0.3
J17K	VABM Dome	86.83	9	P	P	07 33 43.4	+0.1
SKT	Skwentna	86.83	13	P	P	07 33 42.0	-1.4
GLI	Glacier Island	86.85	15	P	P	07 33 43.0	-0.5
EYAK	Cordova Ski Ar	86.90	16	P	P	07 33 43.5	-0.2
M22K	Willow	86.93	14	P	P	07 33 43.3	-0.4
KNK	Knik Glacier	87.00	14	P	P	07 33 43.9	-0.3
PMR	Palmer	87.00	14	P	P	07 33 43.8	-0.3
PMR	Palmer	87.00	14	P	P	07 33 43.7	-0.5
I17K	Unalakleet	87.07	8	P	P	07 33 44.7	+0.3
VNA1	Neumayer-8at	87.18	177	↑P	P	07 33 45.9	+0.8
SIT	Sitka	87.22	22	P	P	07 33 46.0	+0.8
BERG	Berg Lake	87.30	17	P	Iamb	07 33 45.8	+0.1
U33K	Whale Pass	87.31	24	P	P	07 33 46.8	+1.1
V35K	Ketchikan	87.31	25	P	P	07 33 46.7	+1.0
SML	Sawmill	87.37	14	P	P	07 33 45.4	-0.6
CUT	Chulitna	87.48	13	P	P	07 33 45.7	-0.6
L22K	Petersville	87.48	13	P	P	07 33 45.4	-1.1
M23K	Glacier View	87.50	14	P	P	07 33 46.0	-0.5
PPLA	Purkeypile	87.53	12	P	P	07 33 46.3	-0.5
BMRM	Bremner River	87.55	16	P	P	07 33 46.7	-0.1
H16K	Elm	87.60	7	P	P	07 33 46.7	-0.2
K20K	Telida	87.60	11	P	P	07 33 46.7	-0.3
S31K	Pelican	87.61	21	P	P	07 33 47.6	+0.6
MESA	Mesa	87.61	18	P	P	07 33 47.9	+0.7
SCM	Sheep Creek Mo	87.63	15	P	P	07 33 47.2	0.0
KLU	Klutina	87.67	15	P	P	07 33 47.1	-0.3
G15K	Niukluk	87.74	6	P	P	07 33 47.4	-0.1
CRQE	Cirque	87.77	17	P	P	07 33 48.3	+0.3
S32K	Killishnoo	87.80	22	P	P	07 33 48.5	+0.5
WRAK	Wrangell Isian	87.83	24	P	P	07 33 48.1	0.0
J19K	Poorman	87.93	10	P	P	07 33 48.5	+0.1
TNA	Tin City	87.95	5	P	P	07 33 48.4	-0.1
F14K	Arctic Creek	87.99	5	P	P	07 33 48.4	-0.3
CAST	Castle Rocks	88.03	12	P	P	07 33 47.3	-1.6
PINM	Pinnacle	88.03	18	P	P	07 33 49.2	+0.1
N25K	Chitina, Valde	88.10	16	P	P	07 33 49.5	+0.1
GRNC	Granite Creek	88.12	18	P	Iamb	07 33 49.9	+0.2
M24K	Tolsona, Glenn	88.14	15	P	P	07 33 49.8	+0.3
H17K	Granite Mounta	88.18	8	P	P	07 33 49.1	-0.5
WAT6	Susitna Watana	88.19	14	P	P	07 33 49.4	-0.5
WAT1	Susitna Watana	88.23	14	P	P	07 33 49.4	-0.5
G16K	Koyuk River	88.32	7	P	P	07 33 50.2	0.0
MCARA	McCarthy VSAT	88.32	17	P	P	07 33 50.5	+0.1
TMUT	Trail Mountain	88.32	46	P	P	07 33 52.2	+0.9
J20K	Novinta River	88.34	11	P	P	07 33 50.1	-0.3
F15K	North Star Dit	88.38	6	P	P	07 33 50.3	-0.2
CHUM	Lake Minchuminc	88.41	12	P	P	07 33 49.6	-1.1
TRF	Thorofore Moun	88.41	13	P	P	07 33 50.2	-0.7
TRF	Thorofore Moun	88.41	13	P	P	07 33 49.9	-1.0
P29M	Windy Craggy	88.42	20	P	P	07 33 51.6	+0.7
R32K	Eaglecrest	88.43	22	P	P	07 33 51.6	+0.7
H18K	Honhosa River	88.59	9	P	P	07 33 51.3	-0.3
O28M	Mount Upton	88.60	18	P	P	07 33 52.1	+0.1
G17K	Kwialuk Moun	88.62	8	P	P	07 33 51.7	0.0
HARP	HAARP	88.64	15	P	P	07 33 51.8	0.0
O29M	Mount Kennedy	88.69	19	P	P	07 33 52.5	+0.3
DHY	Denali Highway	88.70	14	P	P	07 33 51.7	-0.5
PLBC	Pleasant Camp	88.72	20	P	P	07 33 53.0	+0.8
I20K	Naahdeneel	88.86	10	P	P	07 33 52.8	+0.1
M3K	McKinley	88.94	13	P	P	07 33 52.4	-0.8
TSM	Bob Quinn	89.04	24	P	P	07 33 54.0	+0.2
P30M	Million Dollar	89.05	20	P	P	07 33 54.8	+0.9
PAX	Paxson	89.05	15	P	P	07 33 53.2	-0.7
SKAG	Skagway	89.06	21	P	P	07 33 55.2	+1.4
PLCA	Paso Flores	89.07	134	P	P	07 33 55.8	+1.1
TXAR	Lajas Flores	89.12	58	P	P	07 33 56.1	+2.2
TXAR	Steele Glacier	89.13	13	P	P	07 33 55.1	+0.2
TXAR	Steele Glacier	89.13	13	P	P	07 36 01.6	+1.0
YU8K	Steele Glacier	89.13	18	P	P	07 33 54.9	+0.4
M26K	Nabesna, AK	89.18	16	P	P	07 33 54.8	+0.5
H19K	Roundabout Moun	89.23	9	P	P	07 33 54.3	-0.1
G18K	Tagagawik	89.26	8	P	P	07 33 54.0	-0.7
YU6K	Outpost Mounta	89.27	19	P	P	07 33 55.3	+0.2
YU3K	Moose Creek	89.34	17	P	P	07 33 55.5	+0.1
S34M	Telegraph Cree	89.38	23	P	P	07 33 56.3	+1.0
BRWY	Burwash Landin	89.41	18	P	P	07 33 55.9	+0.4

CMAR	Chiang Mai Arr	89.41	290	P	P	07 33 57.5	+1.1
M27K	Edge Peak, AK	89.43	17	P	P	07 33 56.0	+0.3
HYT	Haines Junctio	89.43	19	P	P	07 33 56.2	+0.5
H20K	Anotonegga Mo	89.44	10	P	P	07 33 55.4	0.0
F17K	Baldwin Pennin	89.45	7	P	P	07 33 55.4	0.0
HILR	Hailar Array B	89.47	325	P	P	07 33 55.8	-0.2
YU4K	Talbot Arr	89.50	18	P	P	07 33 56.8	+0.7
ANMO	Anaivuk-te	89.53	52	P	P	07 33 57.6	+0.7
HHC	Hu-ho-hao-te	89.59	315	eP	Pmax	07 33 55.2	-1.7
HHC	Hu-ho-hao-te	89.59	315	eP	Pmax	07 33 55.2	-1.7
L26K	Log Cabin Wild	89.61	16	P	P	07 33 56.8	+0.5
I21K	Tanana	89.65	11	P	P	07 33 55.9	-0.5
NEA2	Nenana	89.68	13	P	P	07 33 55.4	-1.1
P32M	Atin	89.70	21	P	P	07 33 56.1	-0.7
G19K	Purcell Mounta	89.71	9	P	P	07 33 56.5	-0.2
Q32M	Nakina River	89.73	22	P	P	07 33 58.0	+0.8
MLY	Manley	89.74	12	P	P	07 33 55.7	-1.2
BVCY	Beaver Creek	89.75	17	P	P	07 33 57.1	+0.2
F18K	Selawik	89.80	8	P	P	07 33 56.4	-0.6
O30M	Mendenhall	89.83	20	P	P	07 33 57.6	+0.2
RIDG	Independent Ri	89.86	15	P	P	07 33 57.1	-0.4
H21K	Melozitna Riv	89.94	11	P	P	07 33 57.6	-0.2
HDA	Harding Lake	89.96	13	P	P	07 33 57.1	-0.8
E17K	Holham Inlet	90.00	7	P	P	07 33 58.0	0.0
L27K	Beaver Creek,	90.03	16	P	P	07 33 58.2	-0.1
N30M	Aishikik Lake	90.06	19	P	P	07 33 58.6	+0.1
I23K	Minto, Yukon-K	90.11	12	P	P	07 33 57.6	-0.9
WHY	Whitehorse	90.12	20	P	P	07 33 59.1	+0.2
DLBC	Dease Lake	90.16	24	P	P	07 33 59.7	+0.6
COLA	College	90.17	13	P	P	07 33 58.6	-0.2
COLA	College	90.17	13	P	P	07 33 58.0	-0.8
SCRK	Sand Creek	90.26	15	P	P	07 33 59.0	-0.4
F19K	Shalercuk Mo	90.27	8	P	P	07 33 58.9	-0.3
ILAR	Eielson Array	90.29	13	P	P	07 33 58.3	-1.1
ILAR	Eielson Array	90.29	13	P	P	07 38 49.4	-0.9
PZH	PanZhiHu	90.32	298	P	P	07 34 01.2	+0.6
H22K	Ishlailitna Cre	90.40	11	P	P	07 33 59.6	-0.3
M29M	Somme Creek	90.44	18	P	P	07 34 00.5	+0.2
P33M	Teslin, Yukon	90.46	21	P	P	07 34 00.6	+0.2
E18K	Tukpahaierik C	90.47	7	P	P	07 34 00.2	+0.1
D17K	Noatak River	90.47	6	P	P	07 34 00.3	+0.2
N31M	Braeburn, Yuko	90.47	19	P	P	07 34 00.6	+0.2
J25K	Salcha River,	90.48	14	P	P	07 33 59.7	-0.6
R33M	Jenings River	90.51	23	P	P	07 34 01.1	+0.4
G21K	Allakaket	90.61	10	P	P	07 33 00.7	-0.1
BT02	Baotou	90.65	314	eP	P	07 34 01.7	-0.1
BT02	Baotou	90.65	314	eP	P	07 37 52.0	+3.9
BT02	Baotou	90.65	314	eP	P	07 43 58.4	-1.0
H23K	Yukon River	90.68	12	P	P	07 34 00.9	-0.3
F20K	Avaraart Lake	90.76	9	P	P	07 34 01.4	0.0
C16K	Lisborne Hills	90.82	5	P	P	07 34 01.4	-0.4
E19K	Redstone River	90.93	8	P	P	07 34 02.2	-0.1
H24K	Noodor Dome	91.02	12	P	P	07 34 02.6	-0.2
M30M	Minto, Yukon	91.02	18	P	P	07 34 02.8	-0.1
L29M	L29M	91.06	17	P	P	07 34 03.5	+0.5
PDAR	Pinedale Array	91.14	44	P	P	07 34 03.5	-0.7
C17K	DeLong Mounta	91.21	6	P	P	07 34 03.4	-0.2
PRP	Porcupine Dome	91.23	13	P	P	07 34 03.3	-0.6
F21K	Alatina River	91.26	10	P	P	07 34 03.4	-0.4
G22K	Bettles	91.31	11	P	P	07 34 04.0	0.0
G23K	Bananza Creek	91.38	11	P	P	07 34 04.2	-0.3
M31M	Druon Creek, Y	91.45	19	P	P	07 34 04.6	-0.3
DAWY	Dawson	91.48	16	P	P	07 34 04.9	-0.1
I26K	Coal Creek Mnt	91.58	14	P	P	07 34 05.2	-0.1
C18K	Utukok River	91.58	7	P	P	07 34 05.0	-0.4
OZNA	Ozona	91.79	57	P	P	07 34 07.5	+0.2
D19K	Kuna River	91.79	8	P	P	07 34 06.0	-0.3
K29M	Barlow Dome	91.81	17	P	P	07 34 06.6	0.0
E20K	Nig River	91.82	8	P	P	07 34 06.4	0.0
G24K	Hadweenciz Riv	91.85	12	P	P	07 34 05.8	-0.8
G25K	Bearman Lake	92.18	13	P	P	07 34 07.3	-0.7
I27K	Kandik River	92.18	15	P	P	07 34 07.8	-0.4
D20K	Etiuvuk River	92.19	8	P	P	07 34 08.2	+0.1
C19K	Chukot Ridge	92.20	7	P	P	07 34 08.3	+0.1
E21K	Killik River	92.30	9	P	P	07 34 08.3	+0.3
E22K	Anatuvuk Pass	92.36	10	P	P	07 34 08.9	0.0
I28M	Miner Creek	92.46	15	P	P	07 34 08.9	-0.6
F24K	Squaw Lake	92.49	12	P	P	07 34 09.6	0.0
E23K	Chandler	92.66	11	P	P	07 34 10.2	-0.2
HND0	Hondo	92.67	59	P	Iamb	07 34 11.6	+0.4
HND0	Hondo	92.67	59	P	Iamb	07 34 13.3	0.0
J30M	Hart River	92.71	17	P	P	07 34 10.4	-0.3
H27K	Steamboat Moun	92.72	14	P	P	07 34 10.7	+0.1

LZH	Lanzhou	92.74	308	eP	Pmax	07 34 08.0	-3.6
MMPY	Sheldon Lake,	92.74	20	P	P	07 34 10.8	0.0
I29M	Ogilvie Camp,	92.80	16	P	P	07 34 10.8	-0.2
G26K	Porcupine Rive	92.82	13	P	P	07 34 10.8	-0.1
C21K	Kniblade Rid	92.85	9	P	P	07 34 11.2	+0

az=146.0
MOS 06:07:37.34:3.1, 8.46:87N:152:74E, h69km, mb4.1/2, Error ellipse: s-maj=17.1km s-min=10.1km az=61.8

SKHL 06:07:37.35:3.0, 3.46:80N:153:00E, h68km, mb4.6/4, Error ellipse: s-maj=17.1km s-min=10.1km az=61.8

ISC 06:07:37.34:6.1, 1.46:92N:0:152:86E:0.10, h56km, n6, s=141/37, mb4.0/7, Kuril Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like REIDOV, KURILSK, SEVERO-KURILSK, etc.

Table with columns: IDI, Anoyia, 1.27 323 Pn, 07 42 15.2 -1.2. Includes stations like ANOYIA, TORO, KURBB, MKAR.

CATAC 06:07:43:45.2:1.8, 3'S:20:7'6W:1'0, h13km, 27km, M4.7/5, mb4.7/3, MLV4.7/5, Error ellipse: s-maj=46.3km

Presumed earthquake
ISC 06:07:44:07.0:6.1, 1.71S:0:04:77.65W:0:04, h184km, 5km, n6, s=169/187/185, mb3.9/12, 17C-33D, Ecuador

Large table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PKYU, PUYO, BPAT, etc.

Table with columns: GRIC, Gorgona, Isla, 4.71 354 P, Pn, 07 45 17.1 -0.9. Includes stations like GORGONA, ATAH, YOTC, PRAC, etc.

AEIC 06:07:52:40.5:1.5, 50:9N:0:2:175:3E:0:1, h10km, 8km, Error ellipse: s-maj=29.6km s-min=12.0km az=169.0

NEIC 06:07:52:38.1:0.9, 51:32N:0:08:174:7E:0:1, h10km, 2km, ML3.2/1.0, ML2.9/(AEIC), Error ellipse: s-maj=16.6km s-min=7.7km az=214.0, Near Islands

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

YKA	comp=Z,1.3nm,0.8s,baz=132,slow=2.2,SNR=45	PKP	PKPdf	08 25 14.5 +0.1	
YKA	comp=Z,1.4nm,0.6s,baz=124,slow=6.4,SNR=8	PP	PP	08 28 01.4 -3.3	
YKA	comp=Z,0.7nm,0.5s,baz=131,slow=3.3,SNR=12	SKPbc	SKPbc	08 28 45.0 -0.5	
ZALV	Zalesovo Beam 142.15 65	PKHP	PKHP	08 25 15.3	
ZALV	comp=Z,1.2nm,0.4s,baz=215,slow=3.6,SNR=7.1	PKP	PKPdf	08 25 23.2 +1.3	
P33M	comp=Z,2.0nm,0.6s,baz=241,slow=2.4,SNR=7.2	PKPbc	PKPbc	08 25 24.4 +0.2	
P32M	Atlin 144.43 304	P	PKPbc	08 25 24.7 +0.2	
NJ2	Nanjing 144.52 121	eP	PKPdf	08 25 27.3 +0.5	
S31K	comp=Z,4.2nm,1.0s	144.77 300	P	PKPbc	08 25 25.8 +0.4
MMPY	Sheldon Lake, 144.81 310	P	PKPbc	08 25 25.9 +0.3	
N32M	Quiet Lake 144.90 307	P	PKPdf	08 25 26.3 -0.3	
C36M	Paulutuk 144.96 322	P	PKPbc	08 25 27.5 -0.1	
SKAG	Skagway 145.09 303	P	PKPdf	08 25 27.1 +0.2	
WHY	Whitese 145.45 305	P	PKPbc	08 25 27.8 -0.1	
PLBC	Pleasant Camp 145.53 303	P	PKPab	08 25 28.5 +0.2	
M31M	Drury Creek, Y 145.93 308	P	PKPbc	08 25 29.0 -0.1	
O30N	Mendenhall 146.03 305	P	PKPab	08 25 30.0 +0.2	
P30M	Million Dollar 146.13 303	P	PKPab	08 25 30.3 -0.3	
N31M	Braeburn, Yuko 146.21 306	P	PKPbc	08 25 30.0 0.0	
A36M	Sachs Harbour 146.26 327	P	PKPbc	08 25 30.0 +0.2	
P29M	Windy Caroub 146.26 302	P	PKPbc	08 25 30.3 +0.1	
HYT	Haines Junctio 146.68 304	P	PKPbc	08 25 32.1 +0.5	
N30M	Aishikik Lake 146.77 306	P	PKPbc	08 25 32.2 +0.5	
HNS	HongShan 146.84 110	PKP	PKPbc	08 25 33.0 +0.4	
BT02	Boatou 146.86 101	ePKP	PKPbc	08 25 33.1 +0.5	
BT02	comp=Z,1.00nm,0.9s	pmx	pmx		
O29M	comp=Z,3.10nm,5.6s	146.93 303	P	PKPbc	08 25 32.2 -0.1
M30M	Minto, Yukon 147.10 308	P	PKPbc	08 25 32.5 0.0	
TIA	Tai'an 147.10 115	PKP	PKPbc	08 25 33.6 +0.3	
YU6K	Outpost Mounta 147.11 304	P	PKPbc	08 25 32.9 0.0	
H31M	Peel River 147.32 314	P	PKPbc	08 25 32.7 -0.3	
YUK4	Talbot Arm 147.41 305	P	PKPbc	08 25 34.0 +0.4	
BRWY	Burwash Landin 147.59 307	P	PKPbc	08 25 34.2 +0.3	
P1NM	Pinnacle 147.60 302	P	PKPbc	08 25 34.5 +0.5	
F31M	Tsigehtichic 147.64 317	P	PKPbc	08 25 33.6 -0.2	
G31M	Satah River 147.67 316	P	PKPbc	08 25 33.6 -0.3	
J30M	Hart River YSAT 147.67 311	P	PKPbc	08 25 34.2 0.0	
M29M	Somme Creek 147.76 307	P	PKPbc	08 25 34.7 +0.2	
HHC	Hu-ho-hao-te 147.82 103	eP	PKPbc	08 25 34.3 -1.0	
INK	Inukik 147.83 318	P	PKPbc	08 25 34.2 -0.1	
O28M	Mount Upton 147.86 303	P	PKPbc	08 25 35.5 +0.5	
YU8K	Steele Glacier 147.87 304	P	PKPbc	08 25 35.4 +0.4	
L29M	L29M 147.88 308	P	PKPbc	08 25 34.9 +0.3	
K29M	Barlow Dome 147.89 310	P	PKPbc	08 25 34.7 -0.1	
I30M	Mount Dempster 147.91 312	P	PKPbc	08 25 34.6 -0.2	
YU3K	Moose Creek 148.37 305	P	PKPbc	08 25 36.0 -0.3	
MESA	MESA 148.41 302	P	PKPbc	08 25 36.7 +0.4	
G30M	Toah Zraii Nji 148.42 315	P	PKPbc	08 25 35.9 -0.1	
EPYK	Eagle Plain 148.42 314	P	PKPbc	08 25 35.9 0.0	
F30M	Barrier River 148.44 317	P	PKPbc	08 25 35.8 -0.1	
I29M	Ogilvie Camp, 148.73 312	P	PKPbc	08 25 36.0 -0.7	
DAWY	Dawson 148.74 309	P	PKPbc	08 25 36.7 -0.1	
BVCY	Beaver Creek 148.79 306	P	PKPbc	08 25 37.3 +0.2	
H29M	Whitestone 149.01 314	P	PKPbc	08 25 37.5 +0.1	
G29M	Pine Creek 149.08 315	P	PKPbc	08 25 37.7 +0.1	
CRQE	Cirque 149.16 302	P	PKPbc	08 25 38.3 +0.2	
M27K	Edge Creek, AK 149.21 305	P	PKPbc	08 25 38.4 +0.2	
MCARA	McCarty VSAT 149.36 303	P	PKPbc	08 25 38.9 +0.5	
I28M	Miner Creek 149.40 312	P	PKPbc	08 25 38.2 -0.3	
E29M	Blow River 149.41 318	P	PKPbc	08 25 38.1 -0.3	
L27K	Beaver Creek, 149.43 307	P	PKPbc	08 25 38.9 +0.3	
KAIM	Kayak Island 149.44 300	P	PKIKP	08 25 39.3 -0.4	
BJ12	Beijing 149.58 109	P	PKPbc	08 25 40.0 +0.4	
NRIK	Norilsk 149.66 40	PKPbc	PKPbc	08 25 39.2 +0.3	
M26K	Nabesna, AK 149.71 305	P	PKPbc	08 25 39.2 -0.1	
SONM	Songino Array 149.73 88	PKPbc	PKPbc	08 25 40.1 +0.1	
BMRM	Bremner River 149.92 302	P	PKPbc	08 25 40.2 +0.3	
F28M	Old Crow 149.95 316	P	PKPbc	08 25 39.8 +0.1	
E28M	Babbage River 150.05 318	P	PKPbc	08 25 39.3 -0.6	
L26K	Log Cabin Wild 150.07 306	P	PKPbc	08 25 40.4 +0.3	
I27K	Kandik River 150.12 312	P	PKPbc	08 25 40.7 +0.4	
N25K	Chitina, Valde 150.15 303	P	PKIKP	08 25 41.2 0.0	
Q27K	Middleton Isla 150.15 298	P	PKPbc	08 25 40.5 +0.1	
H23K	Steamboat Moun 150.25 313	P	PKPbc	08 25 40.8 +0.3	
EYAK	Cordova Ski Ar 150.29 301	P	PKIKP	08 25 41.5 0.0	
G27K	Doyon Strip 150.44 314	P	PKPbc	08 25 41.1 +0.2	
SCRK	Sand Creek 150.64 308	P	PKIKP	08 25 42.1 -0.2	
I26K	Coal Creek Min 150.66 311	P	PKIKP	08 25 41.8 -0.3	
HARP	HAARP 150.66 305	P	PKIKP	08 25 42.0 -0.3	
D27M	Malcolm River 150.68 319	P	PKIKP	08 25 42.1 0.0	
KLU	Klutina 150.71 303	P	PKIKP	08 25 42.7 +0.3	
E27K	Coleen River 150.71 319	P	PKPbc	08 25 41.9 +0.3	
P23K	Montague Islan 150.86 297	P	PKIKP	08 25 42.5 -0.2	
RIDG	Independent RI 150.94 307	P	PKIKP	08 25 43.1 +0.3	

PAX	Paxon 150.98 306	P	PKPbc	08 25 42.4 0.0
M24K	Toisna, Glenn 151.02 304	P	PKIKP	08 25 43.6 +0.6
GLI	Glacier Island 151.03 301	P	PKIKP	08 25 42.8 -0.2
G26K	Porcupine Riv 151.29 314	P	PKIKP	08 25 43.2 -0.1
J25K	Salcha Creek, 151.39 309	P	PKIKP	08 25 43.6 -0.1
DL2	Dalian 151.41 117	PKP	PKIKP	08 25 44.3 -0.2
SCM	Sheep Creek Mo 151.45 303	P	PKIKP	08 25 44.2 +0.2
F26K	Shekik River 151.57 315	P	PKIKP	08 25 44.4 +0.5
M23K	Glacier View 151.62 303	P	PKIKP	08 25 44.2 0.0
PRP	Porcupine Dome 151.67 311	P	PKIKP	08 25 44.2 -0.1
C27K	Jago River 151.69 320	P	PKIKP	08 25 44.3 +0.2
KNK	Knik Glacier 151.83 302	P	PKIKP	08 25 44.8 +0.1
DHY	Denali Highway 151.84 305	P	PKIKP	08 25 45.0 +0.1
SEW	Seward 151.86 299	P	PKIKP	08 25 44.5 -0.1
WAT6	Watawana 151.86 304	P	PKIKP	08 25 44.9 0.0
SML	Sawmill 151.90 302	P	PKIKP	08 25 44.7 -0.1
HDA	Harding Lake 152.00 308	P	PKPbc	08 25 44.6 0.0
ILAR	Eielson Array 152.06 309	PKPbc	PKPbc	08 25 44.5 -0.2
O22K	Cooper Landing 152.11 299	P	PKIKP	08 25 45.1 -0.1
F25K	Christian Riv 152.12 315	P	PKIKP	08 25 45.5 +0.4
G25K	Bearman Lake 152.13 315	P	PKIKP	08 25 45.8 +0.7
E25K	Arctic Village 152.17 316	P	PKIKP	08 25 45.5 +0.3
PMR	Palmer 152.19 302	P	PKIKP	08 25 45.3 -0.1
WAT1	Susitna Watana 152.29 304	P	PKPbc	08 25 45.4 +0.1
RC1	Rabbit Creek A 152.32 300	P	PKIKP	08 25 45.8 +0.2
XLT	Xilinko Ts 152.34 103	ePKP	PKIKP	08 25 46.6 +0.2
BRSE	Bradley Lake S 152.34 297	P	PKIKP	08 25 45.7 -0.1
COLA	College 152.49 309	P	PKPbc	08 25 45.5 -0.1
KDAK	Kodiak Island 152.52 299	P	PKIKP	08 25 46.1 -0.1
D25K	Kavik River 152.60 319	P	PKPbc	08 25 45.7 -0.1
OHAK	Old Harbor 152.65 291	P	PKIKP	08 25 46.4 0.0
G24K	Hadweenzic Riv 152.68 313	P	PKIKP	08 25 46.7 +0.4
MCK	Mckinley 152.69 306	P	PKIKP	08 25 46.5 +0.2
H24K	Noodin Dome 152.69 311	P	PKIKP	08 25 46.3 -0.1
M22K	Willow 152.69 302	P	PKIKP	08 25 46.6 +0.3
HOM	Home 152.75 297	P	PKIKP	08 25 46.9 +0.3
SII	Sitkinak Islan 152.83 289	P	PKIKP	08 25 47.2 +0.3
CAPN	Capitan Cook N 152.87 299	P	PKIKP	08 25 46.8 +0.1
NEA2	Nenana 152.94 308	P	PKPbc	08 25 46.5 -0.2
KRSR	Korea Array 153.08 127	PKPbc	PKPbc	08 25 47.4 -0.4
I23K	Minto, Yukon-K 153.17 309	P	PKPbc	08 25 46.7 -0.4
L22K	Petersville 153.20 303	P	PKIKP	08 25 47.7 +0.2
TRF	Thorofare Moun 153.21 305	P	PKIKP	08 25 47.7 0.0
E24K	Your Creek 153.25 316	P	PKIKP	08 25 47.8 +0.3
O20K	Slope Mountain 153.35 297	P	PKPbc	08 25 47.6 -0.2
H23K	Yukon River 153.37 311	P	PKIKP	08 25 47.8 0.0
SKT	Skuwenta 153.40 302	P	PKIKP	08 25 47.9 0.0
C24K	Franklin Bluff 153.44 319	P	PKIKP	08 25 47.9 +0.2
D24K	Happy Valley 153.46 318	P	PKIKP	08 25 48.0 +0.2
Q19K	Cape Douglas, 153.46 295	P	PKPbc	08 25 48.0 0.0
SPCR	Spurr Chakacha 153.49 300	P	PKIKP	08 25 48.3 +0.1
P19K	Oit Pit 153.50 296	P	PKPbc	08 25 48.0 -0.1
E23K	Chandalar 153.67 316	P	PKIKP	08 25 48.4 0.0
G23K	Bananza Creek 153.69 313	P	PKIKP	08 25 48.9 +0.5
TOLK	Took Lake Le 153.70 317	P	PKIKP	08 25 48.6 +0.2
MLY	Murray 153.72 309	P	PKIKP	08 25 48.8 +0.3
PPLA	Purkypile 153.92 304	P	PKIKP	08 25 49.2 +0.1
CAST	Castle Rock 153.99 305	P	PKPbc	08 25 48.7 -0.3
Q18K	Katmai Hardscr 154.03 293	P	PKPbc	08 25 49.1 -0.3
M20K	Styx River 154.10 301	P	PKPbc	08 25 49.1 -0.3
C23K	Iktilik River 154.11 320	P	PKIKP	08 25 49.4 +0.3
D23K	Nanushuk River 154.12 318	P	PKIKP	08 25 49.6 +0.4
H22K	Ishlatitna Cre 154.12 311	P	PKIKP	08 25 49.4 +0.1
CHUM	Lake Minchumini 154.19 306	P	PKPbc	08 25 49.3 0.0
O19K	Port Alsworth 154.19 297	P	PKPbc	08 25 48.9 -0.6
I21K	Tanana 154.27 309	P	PKPbc	08 25 49.5 0.0
G22K	Bettles 154.29 313	P	PKIKP	08 25 49.9 +0.3
Q17K	Contact Creek 154.33 292	P	PKPbc	08 25 49.9 -0.1
P17K	Mt. Peulik Vol 154.34 291	P	PKIKP	08 25 50.1 +0.2
R18K	Big Mountain, 154.38 295	P	PKPbc	08 25 49.4 -0.6
N19K	Bonanza Creek 154.45 298	P	PKPbc	08 25 49.7 -0.4
E22K	Anaktuvuk Pass 154.50 316	P	PKIKP	08 25 50.3 +0.3
O18K	Koktuh Hills 154.52 296	P	PKPbc	08 25 50.0 -0.2
H21K	Melutina Riv 154.68 310	P	PKIKP	08 25 50.6 +0.1
K20K	Telida 154.85 304	P	PKPbc	08 25 50.7 -0.2
Q16K	King Salmon 154.85 293	P	PKPbc	08 25 50.8 -0.1
CHNA	Chernabura Isl 154.88 283	P	PKPbc	08 25 50.9 -0.2
P17K	Kvichak River 154.91 294	P	PKPbc	08 25 50.9 -0.1
R16K	Pilot Point 154.93 290	P	PKIKP	08 25 51.2 +0.1
L19K	White Mountain 154.96 301	P	PKPbc	08 25 51.0 -0.1
J20K	Nowinta River 155.03 306	P	PKPbc	08 25 51.3
G21K	Allakaket 155.05 312	P	PKPbc	08 25 51.4
N22K	Teshekpuk Lake 155.05 321	P	PKPbc	08 25 51.4
B18K	Kilae Creek 155.08 298	P	PKPbc	08 25 51.3
F21K	Alatna River 155.09 313	P	PKPbc	08 25 51.9

M18K	Stony River 155.25 300	P	PKPbc	08 25 52.2
I20K	Naagdeneel 155.26 308	P		

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PUKETTI, TAUHAREPARAE, UREWERA, MATAWAI, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like SIJI, SORONG, CTAR, CHARTERS TOWER, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like N166, N17K, Q17K, S11, etc.

TEH 06:08:27.3, 33.51N, 145.94E, h10km, 113km, ML2.9, Presumed earthquake

ISC 06:08:28.9, 1.4, 33.48N, 145.91E, h25km, 20km, ML2.9, Presumed earthquake

ISC 06:08:28.3, 1.0, 33.52N, 145.90E, 0.06, h19km, n7, 0.65B, Iran-Iraq border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ILLAM BANVIZEH, IGHG, IDHR, BHD, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like FORT, FORREST, KAPI, ARMA, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like J16K, F15K, OHAK, P18K, etc.

UPA 06:18:51.5, 1.3, 8.77N, 82.80W, h22km, 6km, MW2.7, Presumed earthquake

CATAC 06:18:51.9, 3.9, ML2.8, 8.3W, h4km, 1km, M2.7/9, MLV2.9, Error ellipse: s-maj=4.9km s-min=3.7km az=22.4, confirmed

ISC 06:18:50.8, 1.2, 8.82N, 82.87W, 0.04, h24km, 9km, n17, 1.14Z, Panama-Costa Rica border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BRU2, BRU2, BRU2, CDITO, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like KARS, KARS, TUWZ, BF, USRK, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like E17K, H18K, RD0C, G18K, etc.

IDC 06:20:10.2, 0.8, 4.55S, 145.30E, h0km, mb4.2/12, mbmp4.3/15, ML4.5/3, MS3.5/21, Error ellipse: s-maj=22.6km s-min=15.9km az=82.0

DJA 06:20:15.6, 0.8, 4.57S, 145.5E, h99km, 9km, M5.0/12, mb4.9/12, mb5.3/7, ML5.3/6, MW/BJ4.7/7

NEIC 06:20:18.2, 0.9, 4.55S, 145.01E, 0.07, h46km, 7km, mb4.6/36, Error ellipse: s-maj=11.4km s-min=8.7km az=45.0

ISC 06:20:17.2, 0.4, 4.59S, 145.05E, 0.06, h38km, n320, 0.674/307, mb4.7/31, MS3.5/15, Near north coast of New Guinea

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MKAR, MKAR, S14K, CHGN, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like J20K, F19K, SKT, I20K, etc.

E20K	Nigu River	83.17	19	P	P	08 32 38.6	-0.5
G21K	Allakaket	83.22	21	P	P	08 32 38.9	-0.4
SML	Sawmill	83.23	26	P	P	08 32 38.8	-0.7
Q23K	Middleton Isla	83.25	29	P	P	08 32 38.9	-0.6
D20K	Etiwuk River	83.28	18	P	Iamb	08 32 39.2	-0.3
D20K	Etiwuk River	83.28	18	P	Iamb	08 32 39.3	-0.3
GLI	Glacier Island	83.43	27	P	Iamb	08 32 39.8	-0.7
GLI	Glacier Island	83.43	27	P	Iamb	08 32 40.3	
GLI	Glacier Island	83.43	27	P	P	08 32 39.7	-0.7
M23K	Glacier View	83.49	26	P	P	08 32 40.2	-0.6
WAT1	Susitna Watana	83.54	25	P	P	08 32 40.4	-0.6
F21K	Alatina River	83.56	20	P	P	08 32 40.7	-0.4
MLY	Manley	83.56	23	P	Iamb	08 32 40.6	-0.6
MLY	Manley	83.56	23	P	Iamb	08 32 41.9	
MLY	Manley	83.56	23	P	P	08 32 40.7	-0.4
SCM	Sheep Creek Mo	83.68	26	P	P	08 32 41.2	-0.7
H22K	Ishlaltina Cre	83.70	22	P	P	08 32 41.4	-0.4
MCK	McKinley	83.74	24	P	P	08 32 41.4	-0.7
WAT6	Susitna Watana	83.78	25	P	P	08 32 41.8	-0.7
B20K	Meade River	83.80	17	P	P	08 32 41.9	-0.2
EYAK	Cordova Ski Ar	83.93	28	P	P	08 32 42.6	-0.4
E1K1	Killik River	83.98	19	P	P	08 32 42.9	-0.3
NEA2	Nenana	84.03	23	P	P	08 32 42.6	-0.9
C21K	Knifeflade Rid	84.07	18	P	P	08 32 43.1	-0.5
G22K	Bettles	84.11	21	P	P	08 32 43.5	-0.3
DHY	Denali Highway	84.13	25	P	P	08 32 43.6	-0.6
I23K	Minto, Yukon-K	84.14	23	P	P	08 32 43.7	-0.3
KLU	Klutina	84.18	27	P	P	08 32 44.1	-0.3
M24K	Tolsona, Glenn	84.29	26	P	P	08 32 44.5	-0.5
KAIM	Kayak Island	84.34	29	P	P	08 32 44.7	-0.5
H23K	Yukon River	84.35	22	P	P	08 32 44.9	-0.3
B21K	Ikpikpuq River	84.36	18	P	P	08 32 45.2	+0.2
BVAR	Sorovoye Array	84.49	324	P	P	08 32 45.1	-1.0
E22K	Anaktuvuk Pass	84.55	20	P	P	08 32 46.0	-0.1
G23K	Banana Creek	84.55	21	P	P	08 32 46.0	-0.1
CCB	Clear Creek Bu	84.55	23	P	P	08 32 44.7	-1.4
BMRM	Bremner River	84.60	27	P	P	08 32 46.1	-0.4
N25K	Chitina, Valde	84.81	27	P	P	08 32 47.2	-0.4
HARP	HAARP	84.84	26	P	P	08 32 47.4	-0.2
PAX	Parson	84.90	25	P	P	08 32 47.6	-0.4
A22K	Sinclair Lake	84.94	17	P	P	08 32 47.7	-0.2
ILAR	Eislos Array	84.97	24	P	P	08 32 45.9	-2.3
H24K	Noodor Dome	84.99	22	P	P	08 32 48.2	-0.1
B22K	Teshchepuk Lake	85.07	17	P	P	08 32 48.7	+0.1
CRQE	Cirque	85.23	28	P	P	08 32 49.5	-0.3
E23K	Chandalar	85.26	20	P	P	08 32 49.9	+0.1
D23K	Nanushuk River	85.29	19	P	P	08 32 49.9	+0.1
QSPA	South Pole Qui	85.28	180	P	Iamb	08 32 48.6	-1.8
QSPA	South Pole Qui	85.37	180	P	Iamb	08 32 48.5	-1.8
RIDG	Independent Ri	85.43	25	P	P	08 32 50.1	-0.5
RIDG	Independent Ri	85.43	25	P	P	08 32 49.9	-0.7
MCARA	McCarthy VSAT	85.46	27	P	P	08 32 50.3	-0.5
G24K	Hadweznic Riv	85.47	22	P	P	08 32 50.4	-0.3
J25K	Salcha River	85.52	24	P	P	08 32 50.2	-0.9
TOLK	Toolik Lake Re	85.52	20	P	P	08 32 50.8	-0.2
MESA	MESA	85.60	29	P	P	08 32 50.8	-0.9
F24K	Squaw Lake	85.64	21	P	P	08 32 51.3	-0.3
E24K	Your Creek	85.65	20	P	P	08 32 51.5	-0.1
C23K	Iklik River	85.69	18	P	P	08 32 52.0	+0.3
C23K	Iklik River	85.69	18	P	P	08 32 51.7	0.0
M26K	Nabesna, AK	85.79	26	P	P	08 32 52.2	-0.3
L26K	Log Cabin Wild	85.83	26	P	P	08 32 52.2	-0.4
SCRK	Sand Creek	85.87	25	P	P	08 32 52.3	-0.6
D24K	Happy Valley	85.98	19	P	P	08 32 53.4	+0.3
G25K	Bearman Lake	86.00	22	P	P	08 32 53.5	+0.2
C24K	Franklin Bluff	86.25	19	P	P	08 32 54.7	+0.3
M27K	Edge Creek, AK	86.27	27	P	P	08 32 55.0	+0.1
PINM	Pinnacle	86.39	29	P	P	08 32 55.4	0.0
F25K	Christian River	86.47	21	P	P	08 32 55.7	0.0
L27K	Beaver Creek,	86.50	26	P	Iamb	08 32 55.8	-0.2
L27K	Beaver Creek,	86.50	26	P	Iamb	08 32 57.0	
L27K	Beaver Creek,	86.50	26	P	P	08 32 55.7	-0.2
BCAR	Beaver Creek A	86.52	26	P	P	08 32 55.2	-0.8
O28M	Mount Upton	86.60	28	P	P	08 32 56.4	-0.3
I26K	Coal Creek Min	86.64	24	P	P	08 32 56.4	-0.1
E25K	Arctic Village	86.68	21	P	P	08 32 56.6	-0.1
BVCY	Beaver Creek	86.74	27	P	P	08 32 57.1	0.0
Y25K	Moose Creek	86.75	27	P	P	08 32 57.0	-0.4
D25K	Kavik River	86.85	19	P	P	08 32 57.3	-0.2
G26K	Porcupine Rive	86.93	22	P	P	08 32 57.8	-0.1
YU8K	Steele Glacier	86.94	28	P	P	08 32 58.1	-0.3
F26K	Sheenjik River	87.04	21	P	P	08 32 58.7	+0.3
O29M	Mount Kennedy	87.25	29	P	P	08 32 59.8	+0.1
BRWY	Burwash Landin	87.30	28	P	P	08 32 60.0	+0.1
I27K	Kandik River	87.34	23	P	P	08 33 00.0	0.0

YUK4	Talbot Arm	87.47	28	P	P	08 33 01.0	+0.1
P29M	Windy Craggy	87.50	30	P	P	08 33 00.9	+0.1
YUK6	Outpost Mounta	87.51	28	P	P	08 33 01.2	+0.1
C26K	Camden Bay	87.54	19	P	P	08 33 01.3	+0.6
H27K	Steamboat Moun	87.56	23	P	P	08 33 01.0	0.0
G27K	Doyon Strip	87.68	22	P	P	08 33 01.7	+0.1
M29M	Somme Creek	87.83	27	P	P	08 33 02.5	+0.1
DAWY	Dawson	87.83	25	P	P	08 33 02.3	0.0
C27K	Jago River	87.83	19	P	P	08 33 02.3	+0.1
H27K	Haines Junctio	87.89	29	P	P	08 33 02.8	0.0
S31K	Pelican	87.90	32	P	P	08 33 02.1	-0.6
I28M	Miner Creek	87.97	24	P	P	08 33 02.7	-0.4
P30M	Million Dollar	87.99	29	P	P	08 33 03.0	-0.2
E27K	Coleen River	88.11	21	P	P	08 33 03.8	+0.2
L29M	L29M	88.14	26	P	P	08 33 03.3	0.0
PLBC	Pleasant Camp	88.14	30	P	P	08 33 03.9	+0.1
SIT	Sitka	88.20	33	P	P	08 33 04.2	+0.1
N30M	Aishkik Lake	88.23	28	P	P	08 33 04.4	+0.1
O30N	Mendenhall	88.55	29	P	P	08 33 05.8	0.0
F28M	Old Crow	88.58	22	P	P	08 33 05.9	+0.2
K29M	Barlow Dome	88.58	26	P	P	08 33 05.5	-0.4
K29M	Barlow Dome	88.58	26	P	P	08 33 05.9	-0.1
I29M	Oglivie Camp,	88.61	24	P	P	08 33 06.0	0.0
M30M	Minto, Yukon	88.61	27	P	P	08 33 06.0	-0.1
D27M	Malcolm River	88.64	20	P	P	08 33 06.3	+0.2
SKAG	Skagway	88.66	30	P	P	08 33 06.4	+0.1
S32K	Killisnoo	88.67	32	P	P	08 33 06.7	+0.3
H29M	Whitestone	88.79	23	P	P	08 33 06.8	0.0
N31M	Braeburn, Yuko	88.85	28	P	P	08 33 07.0	-0.2
R32K	Eaglecrest	88.85	31	P	P	08 33 07.1	-0.2
E28M	Babbage River	88.86	21	P	P	08 33 07.7	+0.1
G29M	Pine Creek	89.09	23	P	P	08 33 08.1	-0.1
WHY	Whitehorse	89.11	29	P	P	08 33 08.0	-0.6
CRAC	Craig	89.12	34	P	P	08 33 08.1	-0.4
U33K	Whit Pass	89.23	34	P	P	08 33 08.8	-0.2
J30M	Hart River	89.25	25	P	Iamb	08 33 08.3	-0.8
J30M	Hart River	89.25	25	P	Iamb	08 33 10.1	
J30M	Hart River	89.25	25	P	P	08 33 08.8	-0.3
I30M	Mount Dempster	89.36	24	P	P	08 33 09.3	-0.3
D28M	Stokes Point	89.43	20	P	P	08 33 09.1	-0.6
EPYK	Eagle Plains	89.47	23	P	P	08 33 09.7	-0.3
E29M	Blow River	89.49	21	P	P	08 33 09.5	-0.7
P32M	Atlin	89.50	30	P	P	08 33 09.6	-0.7
G30M	1Aoh Zraii Nji	89.80	23	P	P	08 33 10.8	-0.8
V35K	Ketchikan	89.95	35	P	P	08 33 11.9	-0.5
P33M	Teslin, Yukon	90.04	30	P	P	08 33 12.2	-0.7
N32M	Quit Lake	90.07	29	P	P	08 33 12.1	-0.8
F30M	Barrier River	90.09	22	P	P	08 33 12.2	-0.7
Q32M	Nakuk River	90.13	31	P	P	08 33 12.4	-1.0
H31M	Peel River	90.31	24	P	P	08 33 13.4	-0.5
G31M	Satah River	90.54	23	P	P	08 33 14.7	-0.2
S34M	Telegraph Cree	90.57	32	P	P	08 33 14.8	-0.4
F31M	Tsighehtich	90.83	22	P	P	08 33 16.1	-0.1
R33M	Jennings River	90.85	31	P	P	08 33 16.1	-0.6
T35M	Bob Quinn	90.92	33	P	P	08 33 16.5	-0.5
INK	Inuk	91.06	22	P	P	08 33 17.1	-0.2
MMPY	Sheldon Lake,	91.14	27	P	P	08 33 17.5	-0.4
DLBC	Deer Lake	91.22	32	P	P	08 33 18.1	-0.3
KOTAN	Kotaneleele Air	94.40	30	P	P	08 33 32.3	-0.6
C36M	Paulatuk	94.58	21	P	P	08 33 33.3	-0.2
NVAR	Mina Array Bea	98.04	52	LR	LR	08 33 34.0	0.0
YKA	Yellowknife Ar	98.83	28	P	P	08 33 51.0	-1.9

IDC 06 08:28:03.3:3.7, 17.64Sx178.59W, h589km, 21km, mb3.2/4, mbtmp4.1/5, Error ellipse: s-maj=100.8km s-min=57.3km az=154.0, Fiji Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
MSVF	Nonsavu	3.21	268	Op	08 29 22.8	0.0
CTA	Charters Tower	33.32	260	P	08 33 52.0	-2.1
STKA	Stevens Creek	38.63	241	P	08 34 37.3	0.0
WRA	Warramunga Arr	44.51	259	P	08 35 24.2	+0.3
WRA	Warramunga Arr	44.51	259	PcP	08 36 53.5	-0.7
ASAR	Alice Springs	44.70	254	P	08 35 25.8	+0.4
ASAR	Alice Springs	44.70	254	PcP	08 36 54.4	-0.5

NEIC 06 08:37:07.4:1.4, 31.96S:0.10:178.6W:0.2, h57km, 8km, mb4.4/15, Error ellipse: s-maj=22.3km s-min=12.3km az=110.0

WEL 06 08:37:08.9:0.7, 32.12S:12.17W:0.3, h33km, mb5.0/6, ML4.5/13, MLV5.0/13, W(MB)4.3/6, Error ellipse: s-maj=48.8km s-min=31.1km az=109.2, confirmed

IDC 06 08:37:10.0:1.6, 31.96S:0.10:178.6W:0.2, h57km, 8km, mb4.2/4, mbtmp4.5/6, Error ellipse: s-maj=25.9km s-min=11.4km az=111.0

ISC 06 08:37:07.8:0.6, 32.00S:0.06:178.8W:0.1, h50km, n61, o175/71, mb4.6/15, 2D, South of Kermadec Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
GLKZ	Green Lake	2.83	15	Op	08 37 53.4	+2.5
GLKZ	Green Lake	2.83	15	S	08 38 25.5	+2.2

RAO	Raoul Island	2.84	15	P	Pn	08 37 52.9	+2.2
RAO	Raoul Island	2.84	15	P	S	08 38 26.1	+2.5
RAO	Raoul Island	2.84	15	Pn	Pn	08 37 50.0	-0.7
RAO	Raoul Island	2.84	15	Pn	Pn	08 37 54.1	+3.4
RAO	Raoul Island	2.84	15	Pn	Pn	08 38 25.6	+1.9
MXZ	Matakoopa Point						

Table with columns: Code, Station Name, Az, El, P, S, Time, Res. Includes stations like Cabo Rojo, Esperanza, Cerrillos, etc.

IDC 06 09:57:46.0±2.4, 6.21S, 149.01E, h64km, 19km, mb3.7/9, mbmp4, 1/12, MS3.3/5, Error ellipse: s-maj=35.1km

NEIC 06 09:57:46.8±1.0, 6.102S, 149.007E, h69km, 8km, mb4.2/15, Error ellipse: s-maj=10.3km s-min=9.7km az=96.0

ISC 06 09:57:45.0±5.6, 15S, 149.00E, h160km, n39, 683/41, mb4.0/12, MS3.1/4, New Britain region

Main table of station data for the left column, including codes like PMG, RABL, COEN, etc.

REN 06 10:13:04.4±1.2, 38.175N, 010:117.80W, 0.01, h10km, 3km, Error ellipse: s-maj=2.1km s-min=0.9km az=52.0

NEIC 06 10:13:04.1±1.2, 38.17N, 010:117.80W, 0.01, h9km, 4km, ML3.5/90, ML3.8/13(REN), Error ellipse: s-maj=2.3km s-min=1.5km az=204.0, Nevada

Main table of station data for the middle column, including codes like COLR, NV11, NV06, etc.

Main table of station data for the right column, including codes like AF01, PB06, PB09, etc.

6d 10h

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like BHK Bhakra, BHK Karatay Array, ULHL Ulahol, BOOM Boomscoye usch, etc.

2020 JUN

Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like RAYN Ar Rayn, RAYN Ar Rayn, PZH PanZhiHua, SONM Songino Array, etc.

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Table with columns: Station Name, Frequency, Band, Mode, and other parameters. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, MOS 06, NEIC 06, PTWC 06, GCMT 06, etc.

6d 10h

2020 JUN

Table with columns for station name, elevation, frequency, and signal strength. Includes stations like GRNR Gornyy, SNY Shenyang, WHN Wuhan, CN2 Changchun, and JCC Jacoby Creek.

Table with columns for station name, elevation, frequency, and signal strength. Includes stations like M14K Bethel, O17K Koliganek Bris, Q19K Cape Douglas, MA2 Magadan, and HOM Homer.

Table with columns for station name, elevation, frequency, and signal strength. Includes stations like YBH Yreka Blue Hor, ENH Enshi, O20K Slope Mountain, L16K Ohwat River, M03C McCloud, and RC01 Rabbit Creek A.

RC01	baz=212		S	SKS	11 18 18.1	-3.8	J19K		S	S	11 18 34.0	+5.8	GRNC	baz=220		83.93	19	IAMs_20	IAMs_20	11 36 27.1		
J17K	baz=212	82.02	10	IAMB	IAMB	11 08 17.7	SCM	baz=206	Sheep Creek Mo	83.22	16	IAMB	IAMB	11 08 35.5	S32K	comp=Z,1um,21.0s	84.02	24	IAMs_20	IAMs_20	11 42 25.6	
J17K	VABM Dome	82.02	10	P	P	11 08 01.1	-1.3	SCM	Sheep Creek Mo	83.22	16	P	P	11 08 06.9	-1.9	S32K	comp=Z,1um,19.0s	84.02	24	P	P	11 08 10.9
J17K	baz=203		S	SKS	11 18 21.7	-0.5	SCM	baz=214				S	SKS	11 18 31.3	+0.9	S32K	baz=226		S	S	11 18 44.2	
TPH	Tonopah	82.07	46	IAMB	IAMB	11 08 10.6	CRAG	baz=227	Crail	83.23	26	P	P	11 08 06.9	-1.9	MCARA	baz=226		S	S	11 18 44.2	
WIFE	Three Sisters-	82.09	39	IAMB	IAMB	11 08 10.4	CRAG	baz=227	Crail	83.23	26	P	SKS	11 18 31.4	+0.9	MCARA	McCarthy VSAT	84.06	18	P	P	11 08 11.7
ANM	Nome	82.19	7	P	P	11 08 02.3	-1.0	WVOR	Wild Horse Val	83.24	42	IAMB	IAMB	11 08 16.5		MCARA	baz=218		S	S	11 18 40.0	
ANM	baz=196		S	SKS	11 18 22.6	-0.6	WVOR	comp=Z,2um,18.0s				IAMs_20	IAMs_20	11 42 06.9	I20K	Naaghdeneel	84.14	12	IAMs_20	IAMs_20	11 44 56.4	
I17K	Unalakleet	82.21	10	P	P	11 08 01.7	-1.6	WVOR	Wild Horse Val	83.24	42	P	P	11 08 10.1	+0.6	I20K	Naaghdeneel	84.14	12	P	P	11 08 11.7
I17K	baz=201		S	SKS	11 18 23.9	+0.6	BMRM	Bremner River	83.27	18	IAMB	IAMB	11 08 17.6		I20K	baz=207		S	S	11 18 44.3		
H04A	Detroit Lake	82.21	39	IAMB	IAMB	11 08 10.3	BMRM	comp=Z,1um,18.0s				IAMs_20	IAMs_20	11 48 06.4	RND	Reindeer	84.16	15	IAMs_20	IAMs_20	11 42 22.8	
TPNV	Topopah Spring	82.22	48	IAMB	IAMB	11 08 13.1	BMRM	baz=216		83.27	18	P	P	11 08 06.6	-2.4	WRAC	Wrangell Islan	84.19	25	P	P	11 08 12.2
HIN	Hinchinbrook I	82.26	17	IAMs_20	IAMs_20	11 35 52.6	H17K	Granite Mounta	83.31	10	P	P	11 08 07.3	-1.9	WRAC	baz=226		S	S	11 18 47.2		
XLT	XiLinHaoTe	82.28	320	eP	P	11 08 07.6	+3.2	H17K	baz=202		S	S	11 18 33.6	+4.3	LOGN	Logan Glacier	84.24	19	IAMB	IAMB	11 08 43.2	
XLT			S	S	11 18 21.3	+1.5	H17K	baz=202		S	S	11 18 33.6	+4.3	LOGN	comp=Z,35nm,1.3s		IAMs_20	IAMs_20	11 36 26.1			
XLT			SS	SS	11 23 35.4	-5.1	KLU	Klutina	83.32	17	P	P	11 08 07.4	-1.9	DHY	Denali Highway	84.24	15	IAMB	IAMB	11 08 28.1	
XLT	comp=Z,14nm,1.6s			pmax	pmax		KLU	baz=215				S	SKS	11 18 31.8	+0.7	DHY	Denali Highway	84.24	15	P	P	11 08 11.9
XLT	comp=Z,450nm,5.3s			LR	LR		HILR	Hailar Array B	83.32	326	LR	LR	11 41 06.1		DHY	baz=214		S	S	11 18 11.7		
XLT	comp=Z,37nm,20.4s			LR	LR		BBB	Bella Bella	83.35	30	LR	LR	11 36 60.0		HARP	HARP	84.27	17	P	P	11 08 12.0	
XLT	comp=Z,290nm,18.0s			LR	LR		F15K	North Star Dit	83.37	7	P	P	11 08 07.9	-1.5	HARP	baz=216		S	S	11 18 42.1		
SKT	comp=Z,680nm,19.7s	82.29	14	IAMB	IAMB	11 08 16.9	F15K	baz=197				S	S	11 18 34.5	+4.6	TUC	Tucson	84.28	54	IAMs_20	IAMs_20	11 38 49.0
SKT	Skwentna	82.29	14	P	P	11 08 02.4	-1.5	G16K	Koyuk River	83.38	8	P	P	11 08 07.6	-1.8	TUC	comp=Z,2um,19.0s	84.28	54	P	P	11 08 17.1
SKT	baz=210		S	S	11 18 20.5	+1.5	G16K	baz=199				S	S	11 18 34.2	+4.4	G18K	Tagagawik	84.40	10	P	P	11 08 12.5
ZEA	Zeya	82.30	333	eP	P	11 08 04.8	+0.7	CAST	Castle Rocks	83.42	13	IAMs_20	IAMs_20	11 40 19.4		MCK	McKinley	84.42	14	IAMs_20	IAMs_20	11 37 52.6
ZEA			eS	SKS	11 18 22.6	-1.8	CAST	Castle Rocks	83.42	13	P	P	11 08 07.5	-2.3	MCK	comp=Z,2um,22.0s	84.42	14	P	P	11 08 12.8	
ZEA			e		11 19 09.0		CAST	baz=209				S	SKS	11 18 31.1	-0.4	MCK	baz=212		S	S	11 18 43.8	
ZEA	comp=N,100nm,4.3s			pmax	pmax		MESA	MESA	83.44	19	IAMs_20	IAMs_20	11 36 00.1		P29M	Windy Craggy	84.42	21	IAMs_20	IAMs_20	11 43 14.9	
ZEA	comp=Z,300nm,6.8s			pmax	pmax		MESA	comp=Z,2um,21.0s	83.44	19	P	P	11 08 07.5	-2.7	P29M	Windy Craggy	84.42	21	P	P	11 08 12.7	
ZEA	comp=Z,10.0nm,1.4s			smax	smax		MESA	baz=219				S	SKS	11 18 33.3	+1.2	P29M	baz=223		S	S	11 18 45.2	
ZEA	comp=N,200nm,8.1s			smax	smax		SIT	Sitka	83.44	24	P	P	11 08 07.2	-2.8	H19K	Roundabout Mou	84.44	11	P	P	11 08 12.5	
ZEA	comp=E,100nm,7.2s			smax	smax		MAW	Mawson	83.50	201	P	P	11 08 10.7	+0.5	H19K	baz=205		S	S	11 18 46.5		
XAN	Xi'an	82.39	309	P	P	11 08 05.8	+0.7	MAW	comp=Z,4.1nm,2.7s	83.50	201	P	P	11 08 09.6	-0.7	O28M	Mount Upton	84.46	19	IAMs_20	IAMs_20	11 36 43.9
XAN			pP	S	11 08 11.0	-0.1	MAW	comp=Z,7.0nm,1.0s, baz=108, slow=7.2, SNR=6.7				LR	LR	11 40 43.1	O28M	comp=Z,1um,22.0s	84.46	19	P	P	11 08 12.4	
XAN			S	SKS	11 18 23.7	-2.4	MAW	comp=Z,7.0nm,1.0s				P	P	11 08 10.2	0.0	O28M	baz=220		S	S	11 18 44.0	
XAN	comp=E,8.0nm,0.8s			pmax	pmax		MAW	comp=Z,7.0nm,1.0s	83.50	201	IAMB	IAMB	11 08 19.5		F17K	Baldwin Pennin	84.52	8	P	P	11 08 12.7	
XAN	comp=E,770nm,6.5s			LR	LR		MAW	comp=Z,7.0nm,1.0s	83.50	201	IAMB	IAMB	11 08 19.5		F17K	baz=200		S	S	11 18 46.5		
XAN	comp=E,930nm,17.9s			LR	LR		CRQE	Cirque	83.54	18	P	P	11 08 08.3	-2.3	R32K	Eaglecrest	84.61	23	P	P	11 08 13.9	
XAN	comp=E,1um,15.7s			LR	LR		HHC	Hu-ho-hao-te	83.63	316	eP	P	11 08 11.4	-0.1	R32K	baz=226		S	S	11 18 48.9		
XAN	comp=E,2um,20.6s			LR	LR		HHC	comp=Z,380nm,4.5s				S	SKS	11 18 39.8	-3.9	O29M	baz=226		S	S	11 08 31.7	
M22K	Willow	82.44	15	IAMs_20	IAMs_20	11 36 50.4	HHC	comp=Z,490nm,18.0s				P	P	11 08 09.3	-1.6	O29M	comp=Z,37nm,1.6s	84.63	20	IAMB	IAMB	11 42 38.5
M22K	Willow	82.44	15	P	P	11 08 03.4	-1.2	HHC	comp=Z,490nm,18.0s				LR	LR		O29M	Mount Kennedy	84.63	20	P	P	11 08 13.5
M22K	baz=211		S	SKS	11 18 24.5	-0.4	HHC	comp=Z,690nm,18.4s				LR	LR		O29M	baz=222		S	S	11 18 48.1		
KAIM	Kayak Island	82.48	18	IAMs_20	IAMs_20	11 50 00.7	HHC	comp=Z,650nm,18.4s				P	P	11 08 09.3	-1.6	PSUT	Pine Spring	84.63	47	IAMB	IAMB	11 08 26.7
KAIM	Kayak Island	82.48	18	P	P	11 08 03.0	-1.9	GCSA	Galena City Sc	83.65	11	P	P	11 18 33.7	-0.4	PAX	Paxon	84.65	16	IAMB	IAMB	11 08 29.8
KAIM	baz=217		S	S	11 18 26.9	+5.9	GCSA	baz=205				S	S	11 18 39.5	+7.0	PAX	comp=Z,5.1nm,1.8s	84.65	16	P	P	11 08 13.7
GLI	Glacier Island	82.49	17	IAMB	IAMB	11 08 18.7	J20K	Nowinta River	83.66	12	IAMB	IAMB	11 08 27.8		PAX	baz=215		S	S	11 18 46.3		
GLI	Glacier Island	82.49	17	P	P	11 08 03.3	-1.7	J20K	comp=Z,49nm,1.6s				IAMs_20	IAMs_20	11 37 50.6	JIS	Juneau Island	84.66	23	P	P	11 08 19.1
GLI	baz=214		S	SKS	11 18 24.8	-0.7	J20K	comp=Z,1um,21.7s, baz=94, slow=32				P	P	11 08 10.2	-1.4	BWN	Browne	84.66	14	IAMs_20	IAMs_20	11 38 15.3
PINE	Pine Mountain	82.49	40	IAMB	IAMB	11 08 12.7	J20K	comp=Z,1um,22.0s	83.66	12	P	P	11 08 09.2	-1.8	ELK	Elko	84.67	45	LR	LR	11 38 36.9	
PMR	Palmer	82.55	15	P	P	11 08 07.9	+2.7	J20K	comp=Z,1um,22.0s	83.66	12	P	P	11 08 38.3	+5.6	ELK	comp=Z,4um,20.8s, baz=232, slow=30	84.67	45	P	P	11 08 17.4
PMR	Palmer	82.55	15	P	P	11 08 04.0	-1.2	U33K	Whale Pass	83.67	25	P	P	11 08 09.2	-1.9	H20K	Anoteneega Mo	84.69	11	P	P	11 08 14.8
PMR	baz=212		S	SKS	11 18 24.8	-0.9	U33K	baz=227				S	S	11 18 39.3	+6.3	H20K	baz=206		S	S	11 18 48.0	
FID	Port Fidalgo	82.55	17	IAMB	IAMB	11 08 19.9	G17K	Kiwaliik Mounta	83.72	9	P	P	11 08 10.1	-1.1	HAWA	Hanford	84.69	38	IAMs_20	IAMs_20	11 40 06.1	
KNK	Knik Glacier	82.57	16	IAMB	IAMB	11 08 19.6	G17K	comp=Z,2um,20.0s				S	S	11 18 38.5	+5.1	CMAR	Chiang Mai Arr	84.70	291	P	P	11 08 16.2
KNK	Knik Glacier	82.57	16	P	P	11 08 03.6	-1.8	KM12	Kunming	83.73	298	P	P	11 08 10.2	-0.3	CMAR	comp=Z,3.0nm,0.9s, baz=122, slow=3.9, SNR=16	84.70	291	P	P	11 08 16.2
KNK	baz=213		S	SKS	11 18 24.9	-1.0	KM12	comp=Z,15nm,1.4s				S	SS	11 24 01.3	-1.8	CMAR	comp=Z,556nm,19.9s, baz=100, slow=35	84.70	291	LR	LR	11 44 24.8
EYAK	Cordova Ski Ar	82.60	17	P	P	11 08 08.0	+2.5	KM12	comp=Z,350nm,5.1s				LR	LR		CMAR	Chiang Mai Arr	84.70	291	P	P	11 08 15.3
EYAK	Cordova Ski Ar	82.60	17	P	P	11 08 04.1	-1.4	KM12	comp=Z,580nm,22.4s				LR	LR		CMAR	Chiang Mai Arr	84.70	291	eP	P	11 08 17.7
E																						

E23K	Chandalar	87.96	12	P	P	11 08 29.4	-2.9
E23K	baz=211			S	S	11 19 17.2	+2.1
CIT	Chita	87.96	326	eP	pmax	11 08 36.2	+3.6
CIT	comp=Z,120nm,2.2s						
C21K	Knifeblade Rid	88.00	10	P	P	11 08 30.0	-2.4
C21K	baz=206			S	S	11 19 15.2	-0.1
I28M	Miner Creek	88.10	16	P	P	11 08 30.6	-2.5
I28M	baz=220			S	S	11 19 16.5	0.0
E24K	Your Creek	88.19	12	IAMS_20	IAMS_20	11 47 11.5	
E24K	comp=Z,1um,19.0s						
E24K	baz=212			S	S	11 19 18.5	+1.3
M50	Missoula	88.28	40	IAMS_20	IAMS_20	11 42 32.1	
H27K	Steamboat Moun	88.28	15	P	P	11 08 29.8	-4.1
H27K	baz=219			S	S	11 19 17.9	-0.2
MNTX	Cornudas Mount	88.29	56	IAMS_20	IAMS_20	11 40 49.5	
G26K	Porcupine River	88.30	14	IAMS_20	IAMS_20	11 40 01.3	
G26K	comp=Z,2um,22.0s						
G26K	Porcupine River	88.30	14	P	P	11 08 30.4	-3.4
G26K	baz=217			S	S	11 19 18.2	+0.2
AHID	Auburn Hatcher	88.34	44	IAMS_20	IAMS_20	11 44 12.0	
F25K	Christian River	88.40	13	IAMS_20	IAMS_20	11 40 17.8	
F25K	comp=Z,1um,22.0s						
F25K	Christian River	88.40	13	P	P	11 08 31.4	-2.9
F25K	baz=215			S	S	11 19 19.9	+0.8
B20K	Meade River	88.41	9	IAMS_20	IAMS_20	11 42 02.2	
B20K	comp=Z,1um,21.0s						
B20K	Meade River	88.41	9	P	P	11 08 31.1	-3.2
B20K	baz=204			S	S	11 19 19.1	+0.1
B21K	Ikpikuk River	88.44	9	P	P	11 08 31.5	-2.9
B21K	baz=207			S	S	11 19 18.5	-0.8
TOLK	Toolik Lake Re	88.46	12	P	P	11 08 31.1	-3.5
TOLK	baz=211			S	S	11 19 20.0	+0.3
DLMT	Dillon	88.47	42	Iamb	Iamb	11 08 43.9	
DLMT	comp=Z,26nm,1.1s						
J30M	Hart River	88.48	18	P	P	11 08 30.7	-4.2
J30M	baz=224			S	S	11 19 18.5	-1.7
I29M	Ogilvie Camp,	88.48	17	Iamb	Iamb	11 08 44.4	
I29M	comp=Z,22nm,1.5s						
I29M	Ogilvie Camp,	88.48	17	P	P	11 08 32.1	-2.7
I29M	baz=222			S	S	11 19 18.6	-1.5
D23K	Nanushuk River	88.54	11	IAMS_20	IAMS_20	11 47 12.5	
D23K	comp=Z,1um,22.0s						
D23K	Nanushuk River	88.54	11	P	P	11 08 31.6	-3.3
D23K	baz=210			S	S	11 19 21.4	+1.1
ALQ	Albuquerque	88.62	53	IAMS_20	IAMS_20	11 40 30.9	
ALQ	comp=Z,2um,20.0s						
ANMO	Albuquerque	88.62	53	LR	LR	11 40 43.3	
ANMO	comp=Z,2um,20.8s, baz=252,slow=30						
ANMO	Albuquerque	88.62	53	IAMS_20	IAMS_20	11 40 31.0	
ANMO	comp=Z,2um,20.0s						
ANMO	Albuquerque	88.62	53	IAMS_20	IAMS_20	11 40 31.0	
ANMO	comp=Z,2um,20.0s						
ANMO	Albuquerque	88.62	53	eP	pmax	11 08 33.9	-2.5
ANMO	comp=Z,23nm,2.6s						
LIRD	Liard River Hi	88.67	25	P	P	11 08 32.3	-3.5
G27K	Doyon Strip	88.70	15	P	P	11 08 32.4	-3.4
G27K	baz=219			S	S	11 19 23.1	+1.0
FXWY	Fox Creek	88.75	44	IAMS_20	IAMS_20	11 41 09.8	
MMPY	Sheldon Lake	88.76	21	Iamb	Iamb	11 08 46.6	
MMPY	comp=Z,36nm,1.7s						
MMPY	Sheldon Lake,	88.76	21	P	P	11 08 33.0	-3.1
MMPY	baz=228			S	S	11 19 24.5	+1.7
F26K	Sheenjek River	88.81	14	IAMS_20	IAMS_20	11 40 17.9	
F26K	comp=Z,2um,22.0s						
F26K	Sheenjek River	88.81	14	P	P	11 08 33.1	-3.1
F26K	baz=216			S	S	11 19 23.9	+0.8
E25K	Arctic Village	88.84	13	IAMS_20	IAMS_20	11 46 03.7	
E25K	comp=Z,1um,19.0s						
E25K	Arctic Village	88.84	13	P	P	11 08 33.6	-2.9
E25K	baz=215			S	S	11 19 24.5	+1.2
SNOW	Snow King Moun	88.86	44	IAMS_20	IAMS_20	11 41 01.7	
TXAR	Lajitas Array	88.86	59	P	P	11 08 38.6	+1.1
TXAR	comp=Z,2.5nm,1.0s, baz=230,slow=5.2, SNR=14			LR	LR		
TXAR	comp=Z,3um,18.1s, baz=250,slow=32					11 42 32.5	
TXAR	Lajitas Array	88.86	59	P	P	11 08 35.9	-1.6
TXAR	comp=Z,2.5nm,1.0s						
TXAR	Lajitas Array	88.86	59	P	P	11 08 35.9	-1.6
TXAR	comp=Z,2.5nm,1.0s						
I30M	Mount Dempster	88.84	18	P	P	11 08 34.4	-2.6
I30M	baz=224			S	S	11 19 24.6	+0.1
MOOH	Moose Ponds	88.94	44	IAMS_20	IAMS_20	11 41 18.0	
MOOH	comp=Z,2um,20.0s						
LOHW	Long Hollow	89.02	44	IAMS_20	IAMS_20	11 41 17.9	
D24K	Happy Valley	89.04	11	IAMS_20	IAMS_20	11 41 14.9	
D24K	comp=Z,2um,22.0s						
D24K	Happy Valley	89.04	11	P	P	11 08 35.2	-2.1
H29M	Whitestone	89.11	16	P	P	11 08 34.8	-2.8
H29M	baz=222			S	S	11 19 27.0	+1.1
FLWY	Flagg Ranch	89.15	43	IAMS_20	IAMS_20	11 40 54.4	
YHL	Hebgen Lake	89.16	42	Iamb	Iamb	11 08 46.4	
BOZ	Bozeman (W)	89.19	42	Iamb	Iamb	11 08 45.6	
BOZ	comp=Z,41nm,1.6s						
BOZ	White River Ci	89.26	48	Iamb	Iamb	11 08 46.2	
B22K	Teshepkuk Lake	89.28	10	P	P	11 08 35.6	-2.7
B22K	baz=208			S	S	11 19 28.9	+1.7
SYO	Syowa Base	89.29	1947	eP	P	11 08 41.6	+3.0
C23K	Iklikik River	89.30	11	IAMS_20	IAMS_20	11 46 24.7	
C23K	comp=Z,1um,19.0s						
C23K	Iklikik River	89.30	11	P	P	11 08 35.9	-2.6
C23K	baz=210			S	S	11 19 29.5	+2.0
S22A	4UR Ranch, Cre	89.37	50	Iamb	Iamb	11 08 47.2	
BW06	Boulder Array	89.38	45	IAMS_20	IAMS_20	11 41 40.4	
PDAR	Pinedale Array	89.38	45	P	P	11 08 40.6	+0.9

PDAR	comp=Z,1um,18.8s, baz=232,slow=32			LR	LR	11 43 28.7	
PDAR	Franklin Bluff	89.38	45	P	P	11 08 38.2	-1.6
C24K	Franklin Bluff	89.55	11	IAMS_20	IAMS_20	11 47 46.3	
C24K	Franklin Bluff	89.55	11	P	P	11 08 36.9	-2.7
C24K	baz=212			S	S	11 19 33.0	+0.6
USHA	Ushuaia	89.60	148	LR	LR	11 39 52.3	
A22K	Sinclair Lake	89.63	9	P	P	11 08 37.7	-2.3
A22K	baz=206			S	S	11 19 29.5	-0.9
D25K	Kavik River	89.67	12	P	P	11 08 37.5	-2.7
D25K	baz=214			S	S	11 19 30.9	-0.1
EPYK	Eagle Plains	89.67	17	P	P	11 08 37.7	-2.6
EPYK	baz=223			S	S	11 19 30.3	-0.8
A21K	Barrow	89.69	8	P	P	11 08 38.1	-2.2
A21K	baz=205			S	S	11 19 30.1	-0.9
ULN	Ulanbatar	89.71	321	IAMS_20	IAMS_20	11 43 19.4	
ULN	Ulanbatar	89.71	321	eP	pmax	11 08 40.8	-0.3
ULN	comp=Z,25nm,1.5s						
ULN	Ulanbatar	89.71	321	P	P	11 08 43.8	+2.7
G29M	Pine Creek	89.72	16	P	P	11 08 37.5	-3.0
G29M	baz=222			S	S	11 19 31.8	+0.3
ELIB	Princess Elisa	89.75	188	eP	P	11 08 40.0	-1.0
F28M	Old Crow	89.77	15	P	P	11 08 38.1	-2.7
F28M	baz=220			S	S	11 19 32.0	0.0
E27K	Coleen River	89.80	14	IAMS_20	IAMS_20	11 40 56.8	
E27K	comp=Z,1um,22.0s						
E27K	Coleen River	89.80	14	P	P	11 08 38.6	-2.3
E27K	baz=219			S	S	11 19 33.3	+1.1
KOTAN	Kotanelee Air	89.93	25	P	P	11 08 38.8	-2.8
H31M	Peel River	89.95	18	P	P	11 08 38.8	-2.9
H31M	baz=226			S	S	11 19 32.8	-1.0
SONM	Songino Array	90.09	320	P	P	11 09 42.1	-0.7
SONM	comp=Z,0.6nm,0.5s, baz=103,slow=4.7, SNR=4.5			LR	LR		
SONM	comp=Z,844nm,18.0s, baz=112,slow=37					11 50 37.1	
SONM	Songino Array	90.09	320	P	Iamb	11 08 41.4	-1.5
SONM	comp=Z,37nm,1.8s					11 08 56.2	
SONM	Songino Array	90.09	320	P	pmax	11 08 41.4	-1.5
SONM	comp=Z,37nm,1.8s						
HAYD	Hayden	90.10	48	IAMS_20	IAMS_20	11 40 30.6	
G30M	Aoh Zraii Nji	90.25	17	P	P	11 08 39.7	-3.3
G30M	baz=224			S	S	11 19 35.0	-1.5
SDCO	Great Sand Dun	90.36	51	IAMS_20	IAMS_20	11 42 20.6	
C26K	Camden Bay	90.45	12	P	P	11 08 40.3	-3.6
C27K	Jago River	90.46	13	IAMS_20	IAMS_20	11 47 17.5	
C27K	comp=Z,1um,20.0s						
E28M	Babbar River	90.61	15	P	P	11 08 42.3	-2.3
E28M	baz=217						
MORE	Moreh	90.65	295	IAMS_20	IAMS_20	11 47 34.7	
G31M	Satah River	90.75	17	Iamb	Iamb	11 09 28.1	
G31M	comp=Z,46nm,2.0s						
G31M	Satah River	90.75	17	P	P	11 08 41.8	-3.4
G31M	baz=226						
D27M	Malcolm River	90.76	14	IAMS_20	IAMS_20	11 41 42.4	
D27M	comp=Z,1um,22.0s						
D27M	Malcolm River	90.76	14	P	P	11 08 41.7	-3.7
D27M	baz=219			S	S	11 19 39.5	-1.7
F30M	Barrier River	90.82	16	IAMS_20	IAMS_20	11 46 14.1	
F30M	comp=Z,981nm,20.0s						
F30M	Barrier River	90.82	16	P	P	11 08 41.2	-4.5
E29M	Blow River	90.85	15	P	P	11 08 42.6	-3.2
E29M	baz=224						
ISCO	Idaho Springs	91.01	49	IAMS_20	IAMS_20	11 45 21.8	
F31M	Tsigtshchic	91.26	17	P	P	11 08 45.2	-2.4
GA2A	Gaotai	91.29	311	eP	P	11 08 49.6	+0.9
GA2A	comp=Z,5.0nm,0.8s			sP	sP	11 08 55.2	+0.6
GA2A	SKS			SS	SS	11 19 19.3	-1.7
GA2A	SKS			SS	SS	11 19 43.7	-3.7
GA2A	SKS			pmax	pmax	11 25 53.0	0.0
GA2A	comp=Z,310nm,7.2s						
GA2A	comp=Z,580nm,17.2s			LR	LR		
GA2A	comp=Z,550nm,20.6s			LR	LR		
GA2A	comp=Z,720nm,22.7s			LR	LR		
D28M	Stokes Point	91.34	14	P	P	11 08 44.4	-3.6
TROLL	Troll, Antarti	91.35	182	P	P	11 08 46.8	-1.6
EGMT	Eagleton	91.36	40	IAMS_20	IAMS_20	11 41 52.6	
EDM	Edmonton	91.48	34	Iamb	Iamb	11 09 04.0	
SNA4	Sanae	91.75	180	P	P	11 08 49.5	-0.7
SNA4	comp=Z,191nm,0.8s						
SNA4	Sanae	91.75	180	P	P	11 08 49.8	-0.4
SNA4	comp=Z,15nm,1.1s, baz=180,slow=4.3, SNR=9.9			LR	LR		
SNA4	comp=Z,1um,21.3s, baz=196,slow=33						

6d 10h

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for stations in the 6d 10h band.

2020 JUN

Table with columns: Call Sign, Frequency, Power, Mode, and other technical details for stations in the 2020 JUN band.

342

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details for stations in the 342 band.

NNC 06 10:55:54.5r, 46:02N-85:33E, h10km, 7km, mb4.1, mpv3.8, Error ellipse: s-maj=12.7km s-min=5.6km az=107.0

SOME 06 10:55:54.5, 46:02N-85:43E, h20km ASRS 06 10:56:02.3r, 0.5, 47°N, 3°E, h8km, MLh4.0/10, Error ellipse: s-maj=6.9km s-min=3.5km az=146.8, confirmed

ISC 06 10:55:57.2r, 1.0, 46:02N-0:04, 84.97E, h10km, n29, e259.510, 8C-3D, Kazakhstan-Xinjiang border region

KRSC 06 10:59:08.7r, 1.4, 48:81N x 156:76E, h17km, 25km, MI3.7, East of Kuril Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YOVA, TVAN, VMUR, HAKT, AKDM, etc.

NEIC 06 12:50:16.9, 1.3, 17.94N, 02:06:66.813W, 0.009, h10km, 1km, ML2.6/35, MD2.7/16(RSPR), Error ellipse: s-maj=3.5km s-min=2.3km az=16.0

RSPR 06 12:50:17.0, 17.94N, 66.84W, h10km, MD2.7/16, 2C-6D, Puerto Rico region

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

Table with columns: HUMP, CUPR, CUPR. Includes station names like Col San Antoni, Culebra, Puert, Culebra, Puert.

NEIC 06 13:25:45.7, 1.0, 19.00N, 0:03:67.69W, 0.02, h10km, 1km, ML3.0/35, MD3.5/18(RSPR), Error ellipse: s-maj=4.9km s-min=3.4km az=169.0

OSPL 06 13:25:47.6, 0.8, 19.07N, 67.66W, h8km, 8km, ML3.2, Presumed earthquake

RSPR 06 13:25:48.7, 19.04N, 67.68W, h8km, 2km, MD3.5/18, ISC 06 13:25:44.8, 1.4, 19.07N, 0:06:67.62W, 0.03, h5km, 10km, n44, 0:06:67.73, 6C-12D, Mona Passage

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

Table with columns: H10S2, CMIG, TXAR, LPAZ, ANMO, PDAR, AKASG, YKA, NEW, BRTR, NVAR, PFO, INK, ILAR, BVAR, KMBO, KURBB. Includes station names like ASCENSION HYDR47.32, Matias Romero, etc.

BUI 06 13:40:49.2, 1.72N, 129.09E, h58km, mB4.8/12, mb4.9/51, MSA.3/5, M57.4/16

NEIC 06 13:40:52.0, 1.8, 2.18N, 0:08:128.66E, 0.04, h42km, 7km, mB4.8/105, Error ellipse: s-maj=12.1km s-min=5.2km az=187.0

DJA 06 13:40:52.0, 0.4, 2.2N, 3:12.9E, h18km, 4km, M4.9/33, mB5.4/19, mB5.1/33, MLv5.0/22, Mw(mB)4.8/19, Mw/Mwp5.3/2, Mwp5.5/2

IDC 06 13:40:53.4, 1.5, 2.09N, 128.49E, h60km, 13km, mb4.2/30, mbmp4.5/33, MS3.6/32, Error ellipse: s-maj=17.0km s-min=8.5km az=90.0

MAN 06 13:40:52.0, 2.23N, 128.55E, h176km, MS4.9, ISC 06 13:40:52.0, 7.2, 2.11N, 0:04:128.67E, 0.05, h52km, 6km, n469, 0:12:34/27, mB4.8/114, MS3.6/34, 2C-2D, Halmahera

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TINTI, SGTI, MNI, SIJI, DAV, DAV, GTOI, DMPH, KDCP, CATEL, DAVAO, FAKI, BIPH, RKPI, LUWI, MUSAN, BUKP, TANGAY, CGP, APPI, PAGZ, TOLIZ, I39PW, BAKI, ZCP, SCPH, SCPH, DCPH, TBP, PCI, KAKI, KAKI, BSSI, IJAY, IJAY, KKM, LOP, TGY, MTN, PLAI, TWSI, KHKI, KNRA, GUMO, FITZ.

6d 13h

2020 JUN

Table with columns: FITZ, LR, LR, 13 54 52.9, FITZ, LR, LR, 13 45 23.9 -0.3, etc. Lists various FITZ and PMG entries with associated values and dates.

Table with columns: BTO2, LR, LR, 13 45 45.2, BTO2, LR, LR, 13 45 37.2, etc. Lists various BTO2, TEZP, MDJ, and other entries with associated values and dates.

Table with columns: SPIA, 72.91 30 P P, 13 52 15.7 -0.3, UNV, 73.66 34 P P, 13 52 20.4 -0.1, etc. Lists various SPIA, UNV, ABKAB, and other entries with associated values and dates.

I20K	Naaghedeneel	82.51	25	I	Amb	I	13 53 12.5
I20K	Naaghedeneel	82.51	25	P	P	P	13 53 10.6 +1.3
D20K	Etiwuk River	82.52	21	I	Amb	I	13 53 12.3
D20K	Etiwuk River	82.52	21	P	P	P	13 53 10.7 +1.4
J20K	Nowinta River	82.53	26	I	Amb	I	13 53 12.6
J20K	Nowinta River	82.53	26	P	P	P	13 53 11.3 +1.8
E20K	Nigu River	82.56	21	P	P	P	13 53 11.2 +1.5
M20K	Styx River	82.59	28	P	P	P	13 53 11.2 +1.3
B20K	Meade River	82.64	19	P	P	P	13 53 11.0 +1.1
RAYN	Ar Rayn	82.90	293	P	P	P	13 53 11.3 -1.1
MAW	Mawson	82.92	201	P	P	P	13 53 09.9 -1.5
PPLA	Purkeypile	83.18	27	P	P	P	13 53 12.9 -0.2
PPLA	Purkeypile	83.18	27	I	Amb	I	13 54 09.6
PPLA	Purkeypile	83.18	27	P	P	P	13 53 14.1 +1.0
G21K	Allakaket	83.23	23	I	Amb	I	13 53 15.9
G21K	Allakaket	83.23	23	P	P	P	13 53 14.4 +1.3
C21K	Knifeflake Rid	83.26	21	P	P	P	13 53 14.3 +1.1
CHUM	Lake Minchumin	83.28	26	P	P	P	13 53 15.0 +1.7
CAST	Castle Rocks	83.31	26	P	P	P	13 53 14.1 +0.6
SKT	Skwentna	83.35	28	I	Amb	I	13 53 15.1
SKT	Skwentna	83.35	28	P	P	P	13 53 14.1 +0.3
FOMA	Nahampoana Res	83.36	245	P	P	P	13 53 14.7 +0.1
H21K	Melozitna Rive	83.36	24	P	P	P	13 53 14.0 +0.3
F21K	Alatina River	83.36	23	P	P	P	13 53 14.3 +0.5
E21K	Killik River	83.41	21	I	Amb	I	13 53 15.0 +1.0
E21K	Killik River	83.41	21	P	P	P	13 53 15.0 +1.0
B21K	Ikpikpuk River	83.42	20	P	P	P	13 53 14.7 +0.7
BRSE	Bradley Lake S	83.44	30	P	P	P	13 53 14.8 +0.5
A22K	Sinclair Lake	83.58	19	P	P	P	13 53 16.0 +1.2
I21K	Tanana	83.62	25	I	Amb	I	13 53 18.2
I21K	Tanana	83.62	25	P	P	P	13 53 16.3 +1.2
L22K	Petersville	83.78	27	I	Amb	I	13 53 18.0
L22K	Petersville	83.78	27	P	P	P	13 53 16.6 +0.6
SLKM	Skilak Lake	83.79	29	P	P	P	13 53 15.5 -0.6
SLKM	Skilak Lake	83.79	29	I	Amb	I	13 53 17.8
B22K	Teshkepuk Lake	83.96	19	P	P	P	13 53 17.8 +1.1
H22K	Ishaltina Cre	83.98	24	I	Amb	I	13 53 57.1
H22K	Ishaltina Cre	83.98	24	P	P	P	13 53 17.6 +0.7
M22K	Willow	83.98	28	P	P	P	13 53 17.5 +0.5
GUT	Chulitna	83.99	28	P	P	P	13 53 17.5 +0.5
CNI	Garni	84.00	310	LR	LR	LR	14 35 22.3
O22K	Cooper Landing	84.03	30	P	P	P	13 53 17.9 +0.7
G22K	Bettler	84.08	23	P	P	P	13 53 18.3 +0.9
RC01	Rabbit Creek A	84.09	29	I	Amb	I	13 53 19.9
RC01	Rabbit Creek A	84.09	29	P	P	P	13 53 18.3 +0.8
TRF	Thorofare Moun	84.11	27	I	Amb	I	13 53 23.0
TRF	Thorofare Moun	84.11	27	P	P	P	13 53 17.9 0.0
MLY	Manley	84.12	25	I	Amb	I	13 53 20.8
MLY	Manley	84.12	25	P	P	P	13 53 18.9 +1.2
SEW	Seward	84.12	30	P	P	P	13 53 18.9 +1.1
E22K	Anaktuvuk Pass	84.14	22	P	P	P	13 53 19.2 +1.4
PMR	Palmer	84.44	28	I	Amb	I	13 53 21.5
PMR	Palmer	84.44	28	P	P	P	13 53 19.7 +0.5
G23K	Bananza Creek	84.63	23	I	Amb	I	13 53 23.8
G23K	Bananza Creek	84.63	23	P	P	P	13 53 21.5 +1.2
D23K	Nanushuk River	84.68	21	I	Amb	I	13 53 23.6
D23K	Nanushuk River	84.68	21	P	P	P	13 53 21.8 +1.3
I23K	Minto, Yukon-K	84.71	25	I	Amb	I	13 53 24.2
I23K	Minto, Yukon-K	84.71	25	P	P	P	13 53 21.6 +1.0
H23K	Yukon River	84.72	24	I	Amb	I	13 53 24.1
H23K	Yukon River	84.72	24	P	P	P	13 53 21.5 +0.8
KNK	Knik Glacier	84.74	29	P	P	P	13 53 21.6 +0.7
MCK	McKinley	84.75	26	I	Amb	I	13 53 22.4
MCK	McKinley	84.75	26	P	P	P	13 53 21.6 +0.7
NEA2	Nenana	84.78	25	P	P	P	13 53 21.9 +0.9
C23K	Ikilik River	84.83	20	P	P	P	13 53 22.1 +1.0
WAT1	Susitna Watana	84.83	27	P	P	P	13 53 22.2 +0.8
SML	Sawmill	84.83	28	P	P	P	13 53 22.3 +0.9
E23K	Chandalar	84.95	22	I	Amb	I	13 53 25.1
E23K	Chandalar	84.95	22	P	P	P	13 53 23.1 +1.2
TOLK	Toolik Lake Re	85.04	21	P	P	P	13 53 23.4 +1.1
M23K	Glacier View	85.12	28	P	P	P	13 53 23.9 +1.0
P23K	Montague Slnr	85.14	30	P	P	P	13 53 24.1 +1.2
WAT6	Susitna Watana	85.18	27	P	P	P	13 53 24.1 +0.9
SCM	Sheep Creek Mo	85.31	28	I	Amb	I	13 53 27.3
SCM	Sheep Creek Mo	85.31	28	P	P	P	13 53 25.3 +1.4
CCB	Clear Creek Bu	85.32	25	I	Amb	I	13 53 38.3
GLI	Glacier Island	85.35	29	I	Amb	I	13 53 40.1
GLI	Glacier Island	85.35	29	P	P	P	13 53 25.5 +1.6
D24K	Happy Valley	85.37	21	P	P	P	13 53 24.3 +0.4
E24K	Your Creek	85.38	22	I	Amb	I	13 53 27.0
E24K	Your Creek	85.38	22	P	P	P	13 53 24.4 +0.4
DHY	Denali Highway	85.38	27	P	P	P	13 53 24.9 +0.7
H24K	Noodor Dome	85.40	24	P	P	P	13 53 24.9 +0.7
C24K	Franklin Bluff	85.47	20	P	P	P	13 53 25.0 +0.7
KBZ	Khabaz	85.50	314	P	P	P	13 53 24.3 -0.7

F24K	Squaw Lake	85.55	23	P	P	P	13 53 25.3 +0.4
G24K	Hadweenc Riv	85.64	23	P	P	P	13 53 25.9 +0.7
FID	Port Fidalgo	85.65	29	I	Amb	I	13 53 47.2
HDA	Harding Lake	85.67	26	P	P	P	13 53 26.0 +0.5
ILAR	Eielson Array	85.73	25	P	P	P	13 53 25.8 +0.1
M24K	Tolsona, Glenn	85.78	28	P	P	P	13 53 26.9 +0.3
KLU	Klutina	85.96	29	I	Amb	I	13 53 30.7
KLU	Klutina	85.96	29	P	P	P	13 53 27.7 +0.6
EYAK	Cordova Ski Ar	86.00	30	P	P	P	13 53 27.4 +0.3
DIV	Divide	86.01	29	I	Amb	I	13 53 31.1
G25K	Bearman Lake	86.19	23	P	P	P	13 53 28.8 +0.8
PAX	Paxson	86.25	27	P	P	P	13 53 28.9 +0.5
D25K	Kavik River	86.25	21	P	P	P	13 53 28.7 +0.4
PRP	Porcupine Dome	86.35	25	P	P	P	13 53 29.1 +0.1
HRP	HAARP	86.36	28	P	P	P	13 53 29.8 +0.8
J25K	Salcha River,	86.37	26	P	P	P	13 53 29.8 +0.8
F25K	Christian Rive	86.41	23	P	P	P	13 53 29.5 +0.4
E25K	Arctic Village	86.47	22	P	P	P	13 53 30.0 +0.6
RIDG	Independent Ri	86.56	26	P	P	P	13 53 30.7 +0.8
BMRM	Bremner River	86.57	29	P	P	P	13 53 30.2 +0.1
N25K	Chitina, Valde	86.60	29	P	P	P	13 53 30.6 +0.3
KAIM	Kayak Island	86.63	30	P	P	P	13 53 30.9 +0.6
C26K	Camden Bay	86.80	20	P	P	P	13 53 31.7 +0.8
SRK	Sand Creek	86.95	26	P	P	P	13 53 32.2 +0.3
F26K	Sheenjek River	86.99	22	P	P	P	13 53 32.8 +0.8
G26K	Porcupine Rive	87.11	23	P	P	P	13 53 33.2 +0.8
C27K	Jago River	87.20	21	P	P	P	13 53 33.6 +0.7
L26K	Log Cabin Wild	87.22	27	P	P	P	13 53 33.8 +0.7
CRQE	Cirque	87.31	29	P	P	P	13 53 34.2 +0.5
I26K	Coal Creek Min	87.33	25	P	P	P	13 53 33.8 +0.2
MCARA	McCarthy VSAT	87.35	29	P	P	P	13 53 34.2 +0.4
M26K	Nabesna, AK	87.37	28	P	P	P	13 53 34.3 +0.4
MESA	MESA	87.88	30	P	P	P	13 53 36.9 +0.4
M27K	Edge Creek, AK	87.89	28	P	P	P	13 53 37.1 +0.6
L27K	Bear Creek,	87.91	27	P	P	P	13 53 37.1 +0.6
G27K	Doyon Strip	87.95	23	P	P	P	13 53 37.3 +0.8
E27K	Coleen River	87.96	22	P	P	P	13 53 37.5 +0.9
I27K	Kandik River	87.98	25	I	Amb	I	13 53 38.7
I27K	Kandik River	87.98	25	P	P	P	13 53 37.7 +1.0
H27K	Steamboat Moun	88.00	24	P	P	P	13 53 37.2 +0.3
D27M	Malcolm River	88.17	21	P	P	P	13 53 37.7 +0.1
YUK3	Moose Creek	88.57	28	P	P	P	13 53 39.5 -0.3
F28M	Old Crow	88.62	23	P	P	P	13 53 39.5 -0.2
I28M	Miner Creek	88.68	25	I	Amb	I	13 53 42.0
I28M	Miner Creek	88.68	25	P	P	P	13 53 40.4 +0.3
E28M	Babbage River	88.71	22	P	P	P	13 53 40.3 +0.3
PINM	Pinnacle	88.73	30	P	P	P	13 53 40.5 +0.1
O28M	Mount Upton	88.73	29	P	P	P	13 53 40.2 -0.6
YUK8	Steele Glacier	88.92	29	P	P	P	13 53 41.3 -0.3
D28M	Stokes Point	88.96	21	P	P	P	13 53 40.8 -0.4
DAWY	Dawson	88.97	26	P	P	P	13 53 41.4 0.0
BRWY	Burwash Landin	89.27	29	P	P	P	13 53 42.9 -0.1
H29M	Whitstone	89.28	24	P	P	P	13 53 43.3 +0.4
E29M	Blow River	89.33	22	P	P	P	13 53 42.9 -0.1
I29M	Ogilvie Camp,	89.36	25	P	P	P	13 53 42.3 -0.1
G29M	Pine Creek	89.38	23	P	I	Amb	13 53 42.8 -0.1
G29M	Pine Creek	89.38	23	I	Amb	I	13 53 48.8
G29M	Pine Creek	89.38	23	P	P	P	13 53 43.2 0.0
YUK4	Talbot Arm	89.46	29	P	P	P	13 53 43.5 -0.5
M29M	Somme Creek	89.48	28	P	P	P	13 53 43.7 -0.2
O29M	Mount Kennedy	89.55	30	P	P	P	13 53 44.1 -0.3
L29M	L29M	89.59	27	P	P	P	13 53 44.0 -0.4
YUK6	Outpost Mounta	89.62	29	P	P	P	13 53 44.4 -0.4
FURI	Furi	89.67	279	LR	LR	LR	14 33 31.4
K29M	Barlow Dome	89.81	26	P	P	P	13 53 45.5 +0.1
EPYK	Eagle Plains	89.94	24	P	P	P	13 53 45.9 -0.1
P29M	Windy Craggy	90.02	30	P	P	P	13 53 46.4 -0.1
HYT	Haines Junctio	90.05	29	P	P	P	13 53 46.5 -0.2
G30M	Aoah Zraii Njii	90.08	23	P	P	P	13 53 46.4 -0.2
F30M	Barrier River	90.18	22	P	P	P	13 53 46.0 -1.0
I30M	Mount Dempster	90.18	25	P	P	P	13 53 46.7 -0.6
N30M	Aishikik Lake	90.20	29	P	P	P	13 53 46.5 -0.8
M30M	Minto, Yukon	90.24	27	P	P	P	13 53 46.8 -0.6
J30M	Hart River	90.27	25	P	P	P	13 53 47.5 -0.1
P30M	Million Dollar	90.37	30	P	P	P	13 53 47.7 -0.4
PLCB	Pleasant Camp	90.73	31	P	P	P	13 53 49.2 -0.5
O30N	Mendenhall	90.74	29	P	P	P	13 53 49.1 -0.7
N31M	Braeburn, Yuko	90.82	29	P	P	P	13 53 49.3 -0.9
G31M	Satah River	90.85	23	P	P	P	13 53 49.5 -0.6
S31K	Pelican	90.94	32	P	P	P	13 53 50.2 -0.5
INK	Inuvik	90.95	22	P	P	P	13 53 50.0 -0.4
H31M	Peel River	90.96	24	P	P	P	13 53 50.9 +0.2
F31M	Tsiightchic	90.98	22	P	P	P	13 53 50.6 -0.1
WHY	Whitehorse	91.34	29	P	P	P	13 53 52.4 -0.3

M31M	Drury Creek, Y	91.39	28	P	P	P
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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JMN Monobe, JTM Tenmabayashi, JEM Erimo, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JHJ Mitsune, JHJ Hachijo jima 2, JHU 31nm, 0.3s, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like JH12 Mitsune, JH12 Hachijo jima 2, etc.

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

IDD 06 13:49:56.6:1.1, 37.89N:145.06E, h0km, mb3.5/6, mbmp3.7/10, ML3.4/3, Error ellipse: s-maj=29.0km s-min=21.6km az=120.0

JMA 06 13:50:03.0:5.0, 27.37N:1.0:144.86E:0.9, h32km, MV4.1/25, FAR E OFF NORTH HONSHU

ISC 06 13:50:00.4:0.9, 27.38N:144.86E:0.8, h26km, n23, c=209/31, mb3.5/6, Off east coast of Honshu

IDD 06 14:19:53.1:1.0, 34.09N:25.68E, h0km, mb3.8/12, mbmp3.8/20, ML3.0/7, MS3.1/2, Error ellipse: s-maj=21.9km s-min=14.8km az=7.0

ISK 06 14:19:53.9:34.08N:25.84E, h5km, ML3.1/16 AFAD 06 14:19:58.2:34.65N:25.66E, h11km, 13km, ML2.8

ATH 06 14:20:00.8:34.58N:25.59E, h8km, 3km, ML3.0/7, Latitude uncertainty: 3 km; Longitude uncertainty: 1 km

THE 06 14:20:01.4:35'N:24'26'E, h12km, 19km, M3.1/10, MLh3.1/10

ISC 06 14:19:54.3:1.6, 34.17N:0.06:25.67E:0.03, h6km, 9km, n88, c=211/10, mb3.9/11, Create

ISC 06 14:19:53.1:1.0, 34.09N:25.68E, h0km, mb3.8/12, mbmp3.8/20, ML3.0/7, MS3.1/2, Error ellipse: s-maj=21.9km s-min=14.8km az=7.0

ISK 06 14:19:53.9:34.08N:25.84E, h5km, ML3.1/16 AFAD 06 14:19:58.2:34.65N:25.66E, h11km, 13km, ML2.8

ATH 06 14:20:00.8:34.58N:25.59E, h8km, 3km, ML3.0/7, Latitude uncertainty: 3 km; Longitude uncertainty: 1 km

THE 06 14:20:01.4:35'N:24'26'E, h12km, 19km, M3.1/10, MLh3.1/10

ISC 06 14:19:54.3:1.6, 34.17N:0.06:25.67E:0.03, h6km, 9km, n88, c=211/10, mb3.9/11, Create

ISC 06 14:19:53.1:1.0, 34.09N:25.68E, h0km, mb3.8/12, mbmp3.8/20, ML3.0/7, MS3.1/2, Error ellipse: s-maj=21.9km s-min=14.8km az=7.0

ISK 06 14:19:53.9:34.08N:25.84E, h5km, ML3.1/16 AFAD 06 14:19:58.2:34.65N:25.66E, h11km, 13km, ML2.8

ATH 06 14:20:00.8:34.58N:25.59E, h8km, 3km, ML3.0/7, Latitude uncertainty: 3 km; Longitude uncertainty: 1 km

THE 06 14:20:01.4:35'N:24'26'E, h12km, 19km, M3.1/10, MLh3.1/10

ISC 06 14:19:54.3:1.6, 34.17N:0.06:25.67E:0.03, h6km, 9km, n88, c=211/10, mb3.9/11, Create

ISC 06 14:19:53.1:1.0, 34.09N:25.68E, h0km, mb3.8/12, mbmp3.8/20, ML3.0/7, MS3.1/2, Error ellipse: s-maj=21.9km s-min=14.8km az=7.0

ISK 06 14:19:53.9:34.08N:25.84E, h5km, ML3.1/16 AFAD 06 14:19:58.2:34.65N:25.66E, h11km, 13km, ML2.8

ATH 06 14:20:00.8:34.58N:25.59E, h8km, 3km, ML3.0/7, Latitude uncertainty: 3 km; Longitude uncertainty: 1 km

THE 06 14:20:01.4:35'N:24'26'E, h12km, 19km, M3.1/10, MLh3.1/10

ILAR Eielson Array 81.22 357 P P 14 32 11.8 +1.0
0.1nm,0.7s,baz=48,slow=1.3,SNR=1.9
0.1nm,0.7s

DJA 06 14:27:27.2:1.6 1.1N.3:11.9E. h11km,13km,ML4.1/18,
mb4.7/1,mb4.1/1,MLV4.1/18,MW(mB)3.9/1,Celebes Sea
Code Station Name Az AZZ Phase ID Time Res

PCI Palu 1.18 162 P Op ISC h m s ISC
14 28 04.1 +0.7
TARAI Tarakan 2.66 323 P P Pg 14 28 31.3 +1.3
AFSI Ampama 3.24 130 P P Pg 14 28 18.8 +0.8

IDC 06 14:32:15.2:5.2,4.55:06N:162.20E,h0km,mb3.5/4,
mbmp3.5/5,ML2.8/1,MS3.2/1,Error ellipse: s-maj=61.4km
s-min=28.9km az=113.0

KRSC 06 14:32:19.4:0.8,54.71N:162.32E,h40km,11km,ML3.8
ISC 06 14:32:20.7:1.1,54.85N:162.24E:0.04,h31km,8km,
n44,c154/53,mb3.2/4,Near east coast of Kamchatka

Code Station Name Az AZZ Phase ID Time Res
MKZ Mysz Kozlova 0.41 226 Op P ISC h m s ISC
14 32 29.3 +0.5

RUS Russkaya 3.28 224 E S Pn 14 33 10.6 +0.7
RUS Rus 14 33 48.0 +0.2
GRL Gorelyy 3.38 229 E Pn 14 33 12.3 +1.0

NRK Noril'sk 35.22 324 LR LR 14 53 38.7
H11N2 WAKE ISLAND Hy 35.24 172 T T 15 16 29.5
H11N3 WAKE ISLAND Hy 35.25 172 T T 15 16 31.5

ASAR Alice Springs 81.89 206 P P 14 42 35.3 +0.8
0.2nm,0.3s,baz=22,slow=2.5,SNR=2.3
0.2nm,0.8s

IDC 06 15:11:31.0:3.1,8.17S:127.91E,h132km,43km,mb3.1/1,
mbtmp3.7/5,Error ellipse: s-maj=56.9km s-min=16.7km
az=94.0,Timor region

Code Station Name Az AZZ Phase ID Time Res
SIJI Sorong 7.99 25 P Pn 15 13 25.0 +0.6
2.0nm,0.3s,baz=63,slow=22,SNR=6.7

FITZ Fitzroy Crossi 10.11 192 P Pn 15 13 52.2 -0.6
2.5nm,0.6s,baz=214,slow=23,SNR=1.4
3.0nm,0.3s,baz=17,slow=11,SNR=39

WRA Warrange Arr 13.26 153 P Pn 15 14 34.1 -0.1
2.1nm,0.8s,baz=333,slow=14,SNR=21

ASAR Alice Springs 16.45 160 P Pn 15 15 15.2 +0.5
0.5nm,0.3s,baz=335,slow=10,SNR=23

REN 06 15:24:26.5:0.5,38.17N:0.01x:117.94W:0.02,h6km,2km,
Error ellipse: s-maj=2.2km s-min=1.6km az=216.0

NEIC 06 15:24:26.0:6.3,67.199N:0.008:117.93W:0.01,
h5km,1km,ML2.2/2m,ML2.5/10(FE:N),Error ellipse:
s-maj=2.5km s-min=2.2km az=46.0,Nevada

Code Station Name Az AZZ Phase ID Time Res
COLR Columbus 0.11 241 P Pg 15 24 29.0 +0.0
NV11 Mina Array Sit 0.29 323 P Pg 15 24 33.0 +0.7

ACAN Cantantal 3.85 174 E Pn 15 32 48.4 +0.3
TCA Tanti 3.92 138 E Pn 15 32 49.0 -0.2
TCA comp=Z,99nm,0.7s

VA03 San Esteban 4.98 209 P Pn 15 33 03.1 -0.2
VA06 San Esteban 4.98 209 E Pn 15 33 03.1 -0.2
VA03 Catapilco 1.57 217 P Pn 15 33 03.6 -2.1

GMN Gold Mountain 1.04 149 Pg Pg 15 24 46.3 -0.2
GMN comp=E,107nm,0.3s

WAKR Walker 1.22 285 Pg Pg 15 24 49.8 -0.2
PNTR Pine Nut 1.58 305 P Pg 15 24 56.1 -0.3
WCT Wildcat Mounta 1.75 143 P Pb 15 24 59.1 0.0

SJA 06 15:31:49.4:0.8,28.45S:67.62W,h132km,3km,ML3.8,
MW3.9
IDC 06 15:31:49.4:1.8,28.42S:67.64W,h106km,15km,mb3.8/6,
mbmp4.0/11,Error ellipse: s-maj=29.8km s-min=12.7km
az=113.0

NEIC 06 15:31:50.1:2.4,28.46S:0.07x:67.67W:0.1,h126km,12km,
mb4.3/4,Error ellipse: s-maj=13.7km s-min=10.0km
az=96.0

Code Station Name Az AZZ Phase ID Time Res
TINO Tinogasta 0.38 11 Op ISC h m s ISC
15 32 09.1 +0.4
TINO TINO i S Sn 15 32 27.7 +0.3

VCA Vinchina 0.57 238 E Pn 15 32 10.0 +0.3
VCA comp=Z,3um,0.4s

AC02 Maricunga 2.06 320 Pn 15 32 27.3 +1.8
AC02 Maricunga 2.06 320 E Pn 15 32 26.6 +1.1
AC02 Cuesta del Vie 2.15 216 E Pn 15 32 27.1 +0.9

AROD Rodeo 2.35 222 E Pn 15 32 29.7 +0.9
AROD AROD e S Pn 15 32 59.7 +1.4
GO03 Copiapo 2.43 290 Pn 15 32 30.1 +0.4

ACCO Cerro Coronel 2.47 210 E Pn 15 32 31.1 +0.7
ACCO ACCO e S Pn 15 32 03.9 +0.7

CO01 Juntas del Tor 2.63 234 Pn 15 32 33.7 +1.3
CO01 Juntas del Tor 2.63 234 E Pn 15 32 33.8 +0.9

CO01 Juntas del Tor 2.63 234 i S Pn 15 32 33.7 +1.3
CO01 Juntas del Tor 2.63 234 i S Pn 15 32 33.7 +1.3

CO01 Juntas del Tor 2.63 234 i S Pn 15 32 33.7 +1.3
CO01 Juntas del Tor 2.63 234 i S Pn 15 32 33.7 +1.3

AC04 Llanos de Chal 3.02 274 Pn 15 32 36.6 -0.6
AC04 Llanos de Chal 3.02 274 E Pn 15 32 36.8 -0.4

AC04 Llanos de Chal 3.02 274 i P Pn 15 32 36.6 -0.6
SJA San Juan 3.18 194 E S Sn 15 33 16.1 -1.0

CFA Coronel Fontan 3.20 189 E S Sn 15 32 39.7 +0.2
CFA CFA e S Sn 15 33 16.1 -1.4

ZON Zonda 3.22 196 E Pn 15 32 40.1 +0.2
ZON Zonda 3.22 196 E Pn 15 32 39.8 -0.1

GO04 Tololo Observa 3.25 237 Pn 15 32 40.1 -0.2
GO04 Tololo Observa 3.25 237 E Pn 15 32 40.4 -0.0

CO05 La Serena 3.46 244 Pn 15 32 41.5 -1.5
AC01 Pan de Azucar 3.47 310 E S Sn 15 32 43.1 -0.1

AC01 Pan de Azucar 3.47 310 i P Pn 15 32 43.1 -0.1
AC01 AC01 e S Sn 15 32 44.0 -0.2

VA03 San Esteban 4.98 209 P Pn 15 33 03.1 -0.2
VA06 San Esteban 4.98 209 E Pn 15 33 03.1 -0.2
VA03 Catapilco 1.57 217 P Pn 15 33 03.6 -2.1

MT05 Renca 5.61 207 Pn Pn 15 33 11.1 -0.5
PB06 IPOC Station P 5.96 343 Pn 15 33 16.6 0.0

SIJI Sorong 7.99 25 P Pn 15 13 25.0 +0.6
2.0nm,0.3s,baz=63,slow=22,SNR=6.7

WRA Warrange Arr 13.26 153 P Pn 15 14 34.1 -0.1
2.1nm,0.8s,baz=333,slow=14,SNR=21

ASAR Alice Springs 16.45 160 P Pn 15 15 15.2 +0.5
0.5nm,0.3s,baz=335,slow=10,SNR=23

ASAR Alice Springs 81.89 206 P P 14 42 35.3 +0.8
0.2nm,0.3s,baz=22,slow=2.5,SNR=2.3
0.2nm,0.8s

ASAR Alice Springs 124.19 204 PKP PKIKP 15 50 35.0 0.0
comp=Z,1.9nm,0.7s,baz=168,slow=1.9,SNR=9

ASAR Alice Springs 147.54 31 PKPbc PKIKP 15 51 21.1 -0.2
comp=Z,0.5nm,0.7s,baz=168,slow=1.9,SNR=7.4

ASAR Alice Springs 26.02 169 P P 16 03 59.2 +2.1
0.2nm,0.3s,baz=345,slow=8.9,SNR=5.6
0.2nm,0.9s

ASAR Alice Springs 15.36 165 Pn Pn 16 17 52.0 +0.9
0.1nm,0.3s,baz=351,slow=11,SNR=8.4
0.3nm,0.7s

ASAR Alice Springs 81.89 206 P P 14 42 35.3 +0.8
0.2nm,0.3s,baz=22,slow=2.5,SNR=2.3
0.2nm,0.8s

ASAR Alice Springs 16.45 160 P Pn 15 15 15.2 +0.5
0.5nm,0.3s,baz=335,slow=10,SNR=23

ASAR Alice Springs 81.89 206 P P 14 42 35.3 +0.8
0.2nm,0.3s,baz=22,slow=2.5,SNR=2.3
0.2nm,0.8s

ASAR Alice Springs 16.45 160 P Pn 15 15 15.2 +0.5
0.5nm,0.3s,baz=335,slow=10,SNR=23

ASAR Alice Springs 16.45 160 P Pn 15 15 15.2 +0.5
0.5nm,0.3s,baz=335,slow=10,SNR=23

ASAR Alice Springs 16.45 160 P Pn 15 15 15.2 +0.5
0.5nm,0.3s,baz=335,slow=10,SNR=23

ASAR Alice Springs 16.45 160 P Pn 15 15 15.2 +0.5
0.5nm,0.3s,baz=335,slow=10,SNR=23

ASAR Alice Springs 16.45 160 P Pn 15 15 15.2 +0.5
0.5nm,0.3s,baz=335,slow=10,SNR=23

ASAR Alice Springs 16.45 160 P Pn 15 15 15.2 +0.5
0.5nm,0.3s,baz=335,slow=10,SNR=23

ASAR Alice Springs 16.45 160 P Pn 15 15 15.2 +0.5
0.5nm,0.3s,baz=335,slow=10,SNR=23

ASAR Alice Springs 16.45 160 P Pn 15 15 15.2 +0.5
0.5nm,0.3s,baz=335,slow=10,SNR=23

Table with columns: Code, Station Name, A°, AZ°, Phase, ID, Time, Res, ISC. Rows include stations like KARP, ARG, THERA, etc.

Table with columns: KARY, Karystos, INCE, Denizli-Bozkur, INCE, comp=E,39nm,0.6s, IAML, 16 52 11.0 +0.5, etc.

16 52 49.5+0.5, 8.71S; 156.41E, h0km, mb4.3/21, mbtmp4.3/23, ML2.2/3, MS3.6/21, Error ellipse: s-min=17.9km s-min=17.9km az=90.0, NEIC 06 16:52:51.5, 1.5, 8.7S, 0.1, 156.53E-0.05, h10km, 5km, mb4.8/97, Error ellipse: s-maj=21.0km s-min=5.3km az=196.0

BUII 06 16:52:53.1, 8.30Sx156.59E, h19km, mb4.9/5, mb4.7/38, Ms4.4/2, Ms7.4/11, DJA 06 16:52:55.1, 0.9'S, 5.15'7E, h43km, 12km, M4.2/18, mb4.8/18, mb6.1/4, MLv3.4/1, Mw(mb)5.8/4

ISC 06 16:52:52.0, 4.87S, 0.08, 156.48E-0.06, h20km, n386, c076/330, mb4.8/77, MS3.6/20, 2D, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, A°, AZ°, Op, Phase, ID, Time, Res, ISC. Rows include stations like HNR, HNR, HNR, etc.

Table with columns: KARS, Korea Array, NJ2, Nanjing, USRK, Ussuriysk Arr, BNX, BinXian, PETK, Petropavlovsk, CMAR, Chiang Mai Arr, SHEM, Shemya Is, PZH, PanZhihua, HEH, Heihe, CD2, Chengdu, HHC, Hu-ho-hao-te, HHH, HHC, LZH, Lanzhou, LZM, Lanzhou Arr, Vnda, Unalaksla Valle, UNV, Unalaksla Valle, GtA2, Gaotai, Spia, Paul Isl, UlN, Ulaanbaatar, UlN, Ulaanbaatar, SonM, Songoing Arr, CHNA, Chernabura Isl, SDPT, Sand Point, S14K, Fog Glacier, M11K, Mekoryuk, CHIR, Chirikof Islan, O14K, Tigykauivert M, M13K, Dall Lake, R16K, Pilot Point, N14K, Kusokwak Cree, O15K, Ungalhiuk R, GAMB, Gambell, R17L, Mt. Peulik Vol, M14K, Bethel, K13K, Kusivak Mount, S11, Sitkinak Islan, P16K, Nushagak River, L14K, Kukka Creek, N15K, Kwethluk River, BILL, Bilhino, M15K, Kasigluk River, Q16K, King Salmon, Q17K, Kontakt Cree, O16K, Kokwok River B, PALK, Pallele, L15K, Ungalak Mounta, OHAK, Old Harbor, P17K, Kvichak River, N16K, Nishlik Lake, O17K, Koliganek Bris, Q18K, Katmai Hardscr, M16K, Tim Cree, K15K, Wolf Cree Mou, P18K, Big Mountain, N17K, Nushagak Hills, KDak, Kodiak Island, L16K, Owhat River, O18K, Koktuh Hills, Q19K, Cape Douglas, ANM, Nome, M17K, Hokita River, TNA, Tin City, N18K, Kitee Cree, L17K, Donlin, Q19K, Anvik River, O16K, Port Aisworth, F14K, Arctic Cree, P19K, Oii Pt, G15K, Niiukluk, K17K, Ditarok, M18K, Stony River, N19K, Bonanza Cree, I17K, Unalakleet, H16K, Elin, L18K, Granite Mounta, L18K, Granite Mounta

J17K	VABM Dome	79.50	19	P	P	17 04 58.1 +0.5	C19K	Lookout Ridge	83.47	15	Iamb	Iamb	17 05 20.9	F25K	Christian River	86.48	19	P	P	17 05 34.5 +0.7
O20K	Slope Mountain	79.56	23	P	P	17 04 58.4 +0.2	C19K	Lookout Ridge	83.47	15	P	P	17 05 19.1 +0.5	U33K	Whale Pass	86.56	32	P	P	17 05 34.4 +0.1
F15K	North Star Dit	79.62	15	P	P	17 04 58.6 +0.4	NEA2	Nenana	83.62	21	Iamb	Iamb	17 05 20.2	M29M	Somme Creek	86.59	25	P	P	17 05 35.6 +1.1
HOM	Homer	79.68	24	P	P	17 04 59.0 +0.3	NEA2	Nenana	83.62	21	P	P	17 05 19.6 +0.1	BESE	Bessie Mountain	86.61	29	Iamb	Iamb	17 05 37.4
G16K	Koyuk River	79.99	16	P	P	17 05 00.5 +0.3	H22K	Ishlaltina Cre	83.64	19	P	P	17 05 20.3 +0.8	R32K	Eaglecrest	86.66	30	P	P	17 05 35.5 +0.8
M19K	Big River Lodg	80.06	21	P	P	17 05 01.1 +0.3	N25K	Chitina, Valde	83.65	24	P	P	17 05 20.3 +0.5	SKAG	Skagway	86.73	28	P	P	17 05 36.0 +0.9
L19K	White Mountain	80.08	21	P	P	17 05 02.0 +1.1	E20K	Nigu River	83.75	16	P	P	17 05 20.6 +0.5	N30M	Aishik Lake	86.75	26	Iamb	Iamb	17 05 40.4
L19K	White Mountain	80.08	21	P	P	17 05 01.1 +0.2	F21K	Alatina River	83.83	17	P	P	17 05 20.7 +0.2	N30M	Aishik Lake	86.75	26	P	P	17 05 36.1 +0.9
BRSE	Bradley Lake S	80.10	24	P	P	17 05 01.0 0.0	CRQE	Cirque	83.83	25	P	P	17 05 20.9 +0.1	G26K	Porcupine River	86.75	20	Iamb	Iamb	17 05 37.9
H17K	Granite Mounta	80.35	17	P	P	17 05 02.7 +0.5	HARP	HAARP	83.84	24	P	P	17 05 20.7 +0.1	G26K	Porcupine River	86.75	20	P	P	17 05 36.3 +1.3
M20K	Styx River	80.50	22	P	P	17 05 03.5 +0.2	I23K	Minto, Yukon-K	83.85	20	P	P	17 05 21.2 +0.7	C24K	Franklin Bluff	86.77	17	P	P	17 05 36.2 +1.2
G17K	Kiwalik Mounta	80.55	17	P	P	17 05 03.6 +0.4	A19K	Wainwright	83.92	13	P	P	17 05 21.6 +0.8	E25K	Arctic Village	86.79	19	P	P	17 05 36.2 +0.9
CAPN	Captain Cook N	80.56	23	P	P	17 05 03.8 +0.5	D20K	Etiuvik River	83.95	16	P	P	17 05 21.4 +0.4	I27K	Kandik River	86.83	22	P	P	17 05 36.9 +1.3
SLKM	Skilak Lake	80.77	24	P	P	17 05 03.5 -1.1	PAX	Paxson	84.03	23	P	P	17 05 21.9 +0.2	O30N	Mendhall	86.90	27	Iamb	Iamb	17 05 38.5
SLKM	Skilak Lake	80.77	24	P	P	17 05 06.2 -0.2	MESA	MESA	84.04	26	P	P	17 05 22.5 +0.6	O30N	Mendhall	86.90	27	P	P	17 05 37.1 +1.1
SEW	Seaward	80.84	24	P	P	17 05 05.1 +0.2	MCARA	McCarthy VSAT	84.18	25	P	P	17 05 22.7 +0.4	DAWY	Dawson	86.94	23	P	P	17 05 37.3 +1.2
H18K	Honhosa River	80.97	18	P	P	17 05 05.7 +0.2	H23K	Yukon River	84.19	20	P	P	17 05 22.9 +0.5	L29M	L29M	87.02	24	Iamb	Iamb	17 05 39.3
J19K	Poorman	81.03	19	P	P	17 05 06.2 +0.3	G22K	Bettle	84.24	18	P	P	17 05 23.5 +1.0	L29M	L29M	87.02	24	P	P	17 05 37.9 +1.4
J19K	Poorman	81.03	19	P	P	17 05 05.9 0.0	HDA	Harding Lake	84.27	21	P	P	17 05 23.0 +0.2	F26K	Sheenjek River	87.02	19	P	P	17 05 37.3 +0.8
F17K	Baldwin Pennin	81.08	16	P	P	17 05 06.1 +0.1	E11K	Killik River	84.49	16	P	P	17 05 24.2 +0.4	WRAC	Wrangell Island	87.07	32	P	P	17 05 37.8 +1.0
K20K	Telida	81.12	20	P	P	17 05 06.2 -0.2	IL31	IL31	84.50	21	Iamb	Iamb	17 05 24.5	V35K	Ketchikan	87.08	33	P	P	17 05 37.7 +0.8
K20K	Telida	81.12	20	P	P	17 05 06.2 -0.2	ILAR	Eielson Array	84.50	21	P	P	17 05 23.2 -0.6	H27K	Steamboat Moun	87.17	21	Iamb	Iamb	17 05 39.9
WMQ	Urumpi	81.12	317	eP	P	17 05 08.3 +1.4	ILAR	Eielson Array	84.50	21	P	P	17 05 23.2 -0.6	H27K	Steamboat Moun	87.17	21	P	P	17 05 38.2 +1.0
GCSA	Galena City Sc	81.14	18	P	P	17 05 06.5 +0.1	ILAR	Eielson Array	84.50	21	P	P	17 05 23.2 -0.6	D25K	Kavik River	87.21	17	Iamb	Iamb	17 05 39.2
SKT	Skwentna	81.16	22	P	P	17 05 06.1 -0.5	ILAR	Eielson Array	84.50	21	P	P	17 05 24.6 +0.4	D25K	Kavik River	87.21	17	P	P	17 05 37.7 +0.4
QSPA	South Pole Qui	81.20	180	P	P	17 05 07.2 +0.1	ILAR	Eielson Array	84.50	21	P	P	17 05 24.6 +0.4	N31M	Braeburn, Yuko	87.33	26	P	P	17 05 38.4 +0.3
QSPA	South Pole Qui	81.20	180	P	P	17 05 07.5 +0.4	BARN	Barnard Glacie	84.59	26	Iamb	Iamb	17 05 28.2	N31M	Braeburn, Yuko	87.33	26	P	P	17 05 38.4 +0.3
QSPA	South Pole Qui	81.20	180	P	P	17 05 10.3	RIDG	Independent Ri	84.68	22	Iamb	Iamb	17 05 27.5	M30M	Minto, Yukon	87.34	25	Iamb	Iamb	17 05 41.3
RC01	Rabbit Creek A	81.30	23	P	P	17 05 07.1 -0.3	RIDG	Independent Ri	84.68	22	P	P	17 05 24.9 0.0	M30M	Minto, Yukon	87.34	25	P	P	17 05 38.3 +0.2
E17K	Hotham Inlet	81.40	15	P	P	17 05 07.8 0.0	M26K	Nabesna, AK	84.71	24	Iamb	Iamb	17 05 29.7	I28M	Miner Creek	87.37	22	Iamb	Iamb	17 05 50.9
G18K	Tagawak	81.41	17	P	P	17 05 08.8 +0.9	M26K	Nabesna, AK	84.71	24	P	P	17 05 27.7 +0.7	I28M	Miner Creek	87.37	22	P	P	17 05 38.5 +0.2
G18K	Tagawak	81.41	17	P	P	17 05 07.5 -0.4	B20K	Meade River	84.71	14	P	P	17 05 25.5 +0.7	G27K	Doyon Strip	87.40	20	P	P	17 05 39.2 +0.9
C16K	Lisburne Hills	81.46	13	P	P	17 05 07.7 -0.4	C21K	Knifeblade Rid	84.74	16	P	P	17 05 26.1 +1.0	WHY	Whitehorse	87.41	27	P	P	17 05 38.8 +0.3
PPLA	Purkeypile	81.49	21	P	P	17 05 08.4 -0.1	H24K	Noodor Dome	84.76	20	P	P	17 05 25.7 +0.4	P32M	Atlin	87.54	29	Iamb	Iamb	17 05 44.1
D17K	Noatak River	81.55	14	P	P	17 05 09.1 +0.5	L26K	Log Cabin Wild	84.88	23	P	P	17 05 26.7 +0.8	P32M	Atlin	87.54	29	P	P	17 05 39.6 +0.5
P23K	Montague Islan	81.62	25	P	P	17 05 09.0 0.0	E22K	Anaktuvuk Pass	84.91	17	P	P	17 05 26.7 +0.7	K29M	Barlow Dome	87.58	24	Iamb	Iamb	17 05 42.0
F18K	Selawik	81.63	16	P	P	17 05 09.0 0.0	J25K	Salcha River	84.95	22	Iamb	Iamb	17 05 27.9	K29M	Barlow Dome	87.58	24	P	P	17 05 40.3 +0.9
J20K	Nowinta River	81.63	20	P	P	17 05 08.8 -0.3	J25K	Salcha River	84.95	22	P	P	17 05 26.6 +0.4	I29M	Ogilvie Camp	87.94	22	Iamb	Iamb	17 05 43.0
Q23K	Middleton Isla	81.75	26	P	P	17 05 09.8 +0.1	O28M	Mount Upton	85.09	26	Iamb	Iamb	17 05 31.5	I29M	Ogilvie Camp	87.94	22	P	P	17 05 41.5 +0.6
L22K	Petersville	81.77	22	P	P	17 05 09.6 -0.3	O28M	Mount Upton	85.09	26	P	P	17 05 27.2 -0.2	C26K	Camden Bay	87.97	17	P	P	17 05 41.9 +1.1
H19K	Roundabout Mou	81.81	18	P	P	17 05 10.8 +0.9	B21K	Ikpikpuk River	85.10	15	Iamb	Iamb	17 05 29.0	Q32M	Nakina River	88.00	29	P	P	17 05 41.9 +0.3
H19K	Roundabout Mou	81.81	18	P	P	17 05 10.1 +0.2	B21K	Ikpikpuk River	85.10	15	P	P	17 05 28.0 +1.2	BBB	Bella Bella	88.06	37	LR	LR	17 38 41.8
PMR	Palmer	81.84	23	P	P	17 05 09.9 -0.2	SCRK	Sand Creek	85.13	22	Iamb	Iamb	17 05 36.2	E27K	Coleen River	88.10	19	P	P	17 05 42.4 +0.8
CAMT	Castle Rocks	81.85	21	Iamb	Iamb	17 05 11.3	SCRK	Sand Creek	85.13	22	P	P	17 05 28.2 +0.9	C27K	Jlaw River	88.17	18	P	P	17 05 42.8 +1.0
CAST	Castle Rocks	81.85	21	P	P	17 05 10.0 -0.3	M27K	Edge Creek, AK	85.14	24	P	P	17 05 28.7 +1.3	P37M	Teslin, Yukon	88.19	28	P	P	17 05 42.6 +0.4
CUT	Chulitna	81.89	22	P	P	17 05 10.2 -0.2	G24K	Hadweenzic Riv	85.39	19	Iamb	Iamb	17 05 30.4	S34M	Telegraph Cree	88.20	31	P	P	17 05 42.5 +0.2
I20K	Naaghedeneel	81.93	19	P	P	17 05 10.9 +0.3	G24K	Hadweenzic Riv	85.39	19	P	P	17 05 29.2 +0.8	M31M	Drury Creek, Y	88.22	26	Iamb	Iamb	17 05 44.9
E18K	Tukphalearik C	81.98	15	P	P	17 05 11.0 +0.2	PRP	Porcupine Dome	85.39	21	P	P	17 05 29.5 +1.0	M31M	Drury Creek, Y	88.22	26	P	P	17 05 42.7 +0.4
KNK	Knik Glacier	82.00	23	Iamb	Iamb	17 07 08.9	YUK3	Moose Creek	85.44	25	P	P	17 05 29.7 +0.7	H31M	Whitestone	88.26	22	P	P	17 05 43.3 +0.8
KNK	Knik Glacier	82.00	23	P	P	17 05 11.4 +0.3	L27K	Beaver Creek	85.50	24	P	P	17 05 30.5 +1.5	T35M	Bob Quinn	88.35	32	P	P	17 05 43.4 +0.4
G19K	Purcell Mounta	82.04	17	Iamb	Iamb	17 05 13.4	E23K	Chandalar	85.51	18	Iamb	Iamb	17 05 32.0	J30M	Hart River	88.36	23	Iamb	Iamb	17 05 45.8
G19K	Purcell Mounta	82.04	17	P	P	17 05 11.7 +0.5	E23K	Chandalar	85.51	18	P	P	17 05 30.1 +1.1	J30M	Hart River	88.36	23	P	P	17 05 44.1 +1.0
CHUM	Lake Minchumin	82.06	20	P	P	17 05 11.7 +0.4	YUK8	Steele Glacier	85.51	26	P	P	17 05 30.2 +0.8	F28M	Old Crow	88.40	20	Iamb	Iamb	17 05 45.6
C17K	Delong Mountai	82.12	14	P	P	17 05 12.2 +0.6	BCAR	Beaver Creek A	85.52	24	P	P	17 05 30.1 +0.9	F28M	Old Crow	88.40	20	P	P	17 05 43.6 +0.6
GLI	Glacier Island	82.24	24	P	P	17 05 12.1 -0.2	BVCY	Beaver Creek	85.58	25	P	P	17 05 29.2 -0.3	N32M	Quiet Lake	88.41	27	P	P	17 05 43.8 +0.6
H20K	Anotlennega Mo	82.27	18	P	P	17 05 12.6 +0.2	O29M	Mount Kennedy	85.59	27	P	P	17 05 29.3 -0.3	I30M	Mount Dempster	88.61	23	Iamb	Iamb	17 05 46.4
SML	Sawmill	82.27	23	P	P	17 05 12.7 +0.2	P29M	Windy Craggy	85.68	28	P	P	17 05 30.2 +0.2	I30M	Mount Dempster	88.61	23	P	P	17 05 44.8 +0.6
F19K	Shaleruckik Mo	82.32	17	Iamb	Iamb	17 05 14.4	S31K	S31K	85.69	30	P	P	17 05 30.							

Table with columns: WRA, ASAR, MKAR, KURBB, Warramunga Arr, Alice Springs, Makanchi Array, Kurchatov Arra, 14.97 162 P, 18.07 167 P, 66.81 327 P, 71.09 328 P, 19 08 37.6 -0.4, 19 09 12.8 +0.5, 19 15 30.1 +0.5, 19 15 54.9 -0.4

NEIC 06 19:09:47.9-2.2, 23.80S:0.06:68.0W:0.1, h124km, 6km, mb4.1/4, ML3.8(GUC), Error ellipse: s-maj=14.2km, s-min=8.4km az=100.0

SJA 06 19:09:47.7-0.7, 23.82S:68.12W, h130km, 5km, ML3.6, MW3.5

IDC 06 19:09:47.8-4.0, 24.00S:67.55W, h101km, 28km, mb3.6/3, mbtmp4.0/6, Error ellipse: s-maj=74.3km s-min=17.0km az=117.0

GUC 06 19:09:49.3-0.7, 23.70S:68.13W, h132km, 5km, ML3.8

ISC 06 19:09:47.8-0.7, 23.80S:0.03:68.11W:0.04, h128km, 6km, n59, r142/90, 4C-3D, Northern Chile

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like San Pedro de A, IPOC Station P, Warramunga Arr, etc.

Table with columns: QSPA, TORO, WRA, South Pole Qui, Torodi Arr, Warramunga Arr, 66.40 180 P, 77.45 69 P, 131.33 209 PKP, 19 20 25.2 +2.2, 19 20 38.0, 19 21 30.2 +0.6, 19 28 47.5 +0.8

WEL 06 19:14:53.8:1.3, 32.5S:17.9E:4.4, h345km, 48km, MA3.5, MB4.72, MLV4.3/5, MW(MB)4.0/2, Error ellipse: s-maj=62.0km s-min=18.5km az=113.6, confirmed, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Waiomatatini S, Te Kaha, Pakihiroa, Raukumarang Rang, etc.

IDC 06 19:32:47.8:3.1, 4.00S:134.09E, h0km, mb3.5/1, mbtmp3.4/5, ML3.2/4, Error ellipse: s-maj=105.1km s-min=25.9km az=76.0, Irian Jaya region

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

IDC 06 19:44:02.5:0.9, 2.44S:140.17E, h0km, mb3.5/6, mbtmp3.6/7, ML4.1/1, MS2.9/3, Error ellipse: s-maj=23.2km s-min=8.4km az=8.0

NEIC 06 19:44:04.1:1.6, 2.54S:0.07:140.21E:0.05, h10km, 1km, mb4.0/1, Error ellipse: s-maj=12.0km s-min=7.9km az=170.0

ISC 06 19:44:04.9:0.7, 2.55S:0.09:140.32E:0.09, h24km, n34, r19/126, mb3.6/9, Near north coast of Irian Jaya

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Jayapura, Manu Island, Coen, etc.

Table with columns: ARTI, LPAZ, Arti, La Paz, 87.64 327 P, 146.23 125 PKPbc, 19 55 50.9 +0.3, 20 03 45.4 -0.4

TRN 06 19:47:23.8, 14.93N:59.47W, h35km, MD3.5, East of Martinique, Windward Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Ilet Lapin Mar, Bigot, Wesley, etc.

IDC 06 19:59:43.4:1.8, 9.76N:125.66E, h0km, mb3.4/5, mbtmp3.4/5, MS2.6/3, Error ellipse: s-maj=90.0km s-min=33.1km az=61.0

MAI 06 19:59:46.0:0.9, 9.94N:125.52E, h23km, MS3.7

MAN INTENSIVE II - SURIGAO CITY, ISC 06 19:59:45.9:1.0, 9.66N:0.03:125.41E:0.03, h15km, 7km, n28, r172/34, mb3.4/5, Mindanao

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Surigao, Maasin, Tandag City, etc.

Table with columns: SIT, Sitka, 66.18 324 P, P, 21 53 13.0 -0.3, etc. Lists various stations and their coordinates.

Table with columns: GCSA, Galena City Sc, 70.00 338 P, P, 21 53 36.6 -0.6, etc. Lists various stations and their coordinates.

Table with columns: MKAR, Makanchi Array, 79.35 39 P, P, 21 54 32.7 +0.9, etc. Lists various stations and their coordinates.

ATH 06 22:01:57.33.5,37.27N:20.56E, h8km,2km,ML2.7/11, Latitude uncertainty: 1 km; Longitude uncertainty: 1 km

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists station data for the first event.

DJA 06 22:01:45.5,0.2,3°S:3°10'3"E, h181km,2km,M3.9/30, mB4.8/1, mb4.1/12,MLV3.7/30,Mw(mB)4.0/1, Southern Sumatara

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists station data for the second event.

ATH 06 22:02:28.1,35.37N:26.95E, h41km,4km,ML3.6/8, Latitude uncertainty: 3 km; Longitude uncertainty: 2 km

IDC 06 22:02:28.1±1.0,35.61N:26.80E, h0km, mb3.5/5, mbtmp3.4/9,ML3.0/4,MS2.6/2, Error ellipse: s-maj=28.1km s-min=10.8km az=164.0

THE 06 22:02:29.2,36°N:2°27'E, h0km,2km,M3.3/17, MLH3.3/17

ISK 06 22:02:29.2,35.56N:26.74E, h10km,ML3.3/14 AFAD 06 22:02:33.1,35.76N:27.10E, h13km,1km,ML3.0

ISC 06 22:02:29.1±1.0,35.59N:0.02,26.77E:±0.02, h12km,8km, I107, r186/150, mb3.3/4, Create

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists station data for the third event.

6d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Nea Kammeni, Heraklion, Santorini-Thir, Bodrum, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Geres, Soneca Array, Torodi Ar, Beas, Kurbb, MKAR, ZALV, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TROQA, GO06, BOA06, BOAV, MG01, TXAR, etc.

Table with columns: CTA, Charters Tower, Time, Res, etc. Includes entries like MAKZ Makanchi, MKAR Makanchi Array, MKAR Keskin Array S, etc.

IDC 06 22:21:11.5-0.8, 31°01'N-41°45'W, h0km, mb3.9/16, mbmp3.9/16, MS3.6/40, Error ellipse: s-maj=25.3km, s-min=15.9km az=172.0

NEIC 06 22:21:12.8-0.5, 31°01'N-0.1-41°3'W-0.1, h10km, 1km, mb4.6/51, Error ellipse: s-maj=19.7km s-min=15.2km az=161.0

ISC 06 22:21:12.9-0.4, 30°39'N-0.09-41°31'W-0.07, h13km, n150, o595/111, mb4.4/60, MS3.6/40, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes entries like DRLN Deer Lake, LMN Caledonia Mon, MPMJ Morne Pits Mar, etc.

Table with columns: TORD, Torodi Ar. Bea, Time, Res, etc. Includes entries like TORD Torodi Ar. Bea, TORD WATA, WTAA Wattenberg, etc.

IDC 06 22:21:11.5-0.8, 31°01'N-41°45'W, h0km, mb3.9/16, mbmp3.9/16, MS3.6/40, Error ellipse: s-maj=25.3km, s-min=15.9km az=172.0

NEIC 06 22:21:12.8-0.5, 31°01'N-0.1-41°3'W-0.1, h10km, 1km, mb4.6/51, Error ellipse: s-maj=19.7km s-min=15.2km az=161.0

ISC 06 22:21:12.9-0.4, 30°39'N-0.09-41°31'W-0.07, h13km, n150, o595/111, mb4.4/60, MS3.6/40, Northern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes entries like TXAR Lajitas Array, TXAR Lajitas Ar. Si, TXAR Muntele Rosu, etc.

Table with columns: KVN, Mina Array Bea, Time, Res, etc. Includes entries like KVN Mina Array Bea, NVAR Mina Array Bea, NVAR Pionon Flats, etc.

IDC 06 22:22:58.8-2.7, 23°17'S-179°78'W, h545km, 42km, mb3.2/4, mbmtpl.1/5, Error ellipse: s-maj=58.0km, s-min=35.8km az=18.0, South of Fiji Islands

IDC 06 23:07:01.7-1.6, 19°35'S-70°81'W, h0km, mb3.7/3, mbmp3.5/5, ML3.2/2, Error ellipse: s-maj=50.7km, s-min=35.1km az=107.0

GUC 06 23:07:13.3-0.4, 18°51'S-70°70'W, h37km, 1km, ML3.3, ISC 06 23:07:11.3-1.4, 18°50'S-0.06-70°8'W-0.1, h35km, n23, o193/115, 2D, Near coast of northern Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Includes entries like MSVF Nonsau, STKA Stephens Creek, ASAR Alice Springs, etc.

6d 23h

Table with columns: YKA, Station Name, Time, Res, and other details for various stations like Yellowknife Ar, WAKE ISLAND Hy, etc.

ISC 06:23:12:54.8,0.6,16.69S;173.58W,h0km,mb4.3/13, mbmp4.3/14,ML4.1/1,MS3.6/19,Error ellipse: s-maj=25.0km s-min=15.9km az=131.0, NEIC 06:23:12:59.2,1.6,16.78S;0.06:173.28W;0.06,h35km,1km, mb4.0/36,Error ellipse: s-maj=13.7km s-min=2.9km az=222.0

ISC 06:23:13:01.4,16:51S;172:50W,h33km BGR 06:23:12:59.1,0.3,16.83S;0.06:173.29W;0.06,h35km,1n93,c1903/175,mb4.6/36,MS3.8/16,7C-16D, Tonga Islands

Main table listing station details for the Tonga Islands, including columns for Code, Station Name, Azimuth, Phase, ID, Time, and Res.

2020 JUN

Main table listing station details for the 2020 JUN period, including columns for Station Name, Time, Res, and other details.

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Table listing station details for the 362 period, including columns for Station Name, Time, Res, and other details.

ISC 06:23:39:19.5,2.6:9.8S;129:57E,h112km,19km,mb3.7/8, mbmp4.2/11,Error ellipse: s-maj=39.4km s-min=14.9km az=72.0, DJA 06:23:39:20.7,0.2,7.5S;2:13'00.0",h153km,4km,M4.5/20, mb3.9/19,mb5.1/8,ML4.6/20,MW(MB)4.5/8, NEIC 06:23:39:21.1,1.7,6.86S;0.07:129.8E;0.1,h135km,8km, mb4.1/13,Error ellipse: s-maj=17.7km s-min=9.4km az=74.0

ISC 06:23:39:21.4,0.5,6.94S;0.05:129.86E;0.07,h150km,n58,c1956/62,mb4.0/15, Banda Sea

Main table listing station details for the 362 period, including columns for Code, Station Name, Azimuth, Phase, ID, Time, and Res.

6d 23h

Table with columns: ERBR, Yerevizino-Bor, 66.06 320, eP, P, 00 01 20.7 -1.0, 00 01 31.1 -0.1, 00 10 03.4 -5.3, etc.

2020 JUN

Table with columns: TIRR, Tirusor, 73.73 316, P, P, 00 02 08.0 -0.9, 00 03 08.7, 00 02 08.0 -0.9, etc.

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Table with columns: BLY, MAUC, Maruska, 81.76 320, eP, P, 00 02 52.7 -0.9, 00 02 54.9 +1.0, 00 02 54.9 +1.0, etc.

7d 0h

Table with columns: Code, Station Name, Az, El, Az', El', Phase ID, Time, Res, ISC. Includes stations like R33M Jennings River, WRKLY Wrigley, WRAGL Wrangell Island, etc.

Table with columns: Code, Station Name, Az, El, Az', El', Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, C16K Lisburne Hills, MKAR Makanchi Array, etc.

Table with columns: Code, Station Name, Az, El, Az', El', Phase ID, Time, Res, ISC. Includes stations like FSK Fiskardo, MSL1 Messolongi, PLEV Plevrona-Mesol, etc.

IDC 07 00:26:32.2, 2.2, 35.69N; 140.87E, h34km; 16km, mb3.7/17, mbmp3.8/21, ML3.0/4, MS3.4/3, Error ellipse: s-maj=22.7km s-min=15.1km az=70.0

NAO 07 00:26:41.3, 34.141N, 23.90E, h33km, MB4.2, ATH 07 00:27:06.6, 37.13N, 20.64E, h99km, ML3.8/24, Latitude uncertainty: 1 km

SKO Skopje, VAE Valparnera, VAE 14nm, 0.3s, baz=126, slow=8.7, SNR=16

Table with columns: Code, Station Name, Az, El, Az', El', Phase ID, Time, Res, ISC. Includes stations like JCAJ Choshihishikaji, JSMT Sammumatsuo, JSMT Sammumatsuo, etc.

Table with columns: Code, Station Name, Az, El, Az', El', Phase ID, Time, Res, ISC. Includes stations like KIV Kislovodsk, AKASG Malin Array, HFS, NB2 NORSTAR Subarra, etc.

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

Table with columns: Code, Station Name, Az, El, Az', El', Phase ID, Time, Res, ISC. Includes stations like MJAR Matsuhiro Arr, MAJO Matsuhiro, MAJO Matsuhiro, etc.

Table with columns: Code, Station Name, Az, El, Az', El', Phase ID, Time, Res, ISC. Includes stations like LTHK Lithakia, LTHK Orthonies,Zaky, ORTH Orthonies,Zaky, etc.

Table with columns: Code, Station Name, Az, El, Az', El', Phase ID, Time, Res, ISC. Includes stations like PTL Penteli, PTL Penteli, KPRO Kipro, etc.

Table with columns: Code, Station Name, Az, El, Az', El', Phase ID, Time, Res, ISC. Includes stations like ENH Enshi, H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, El, Az', El', Phase ID, Time, Res, ISC. Includes stations like LTHK Lithakia, LTHK Orthonies,Zaky, ORTH Orthonies,Zaky, etc.

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

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PLNA, TREB, VTS, SGRAT, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MD01, HFS, EKA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PDGK, PDGK, SHLS, etc.

7d 1h

comp=Z,0.3nm,0.6s,baz=58,slow=3.9,SNR=2.3
HFS Hagfors 90.31 332 P P 02 01 14.1 -0.3

IDC 07 01:49:20.8:0.4,24:14N:121.80E,h0km,mb4.3/32,
mtbpm4.3/36,ML3.8/3,MS3.5/27,Error ellipse:
s-maj=14.7km s-min=10.9km az=63.0

BUI 07 01:49:22.9,24:11N:121.62E,h11km,mb4.5/13,mb4.4/40,
ML4.6/8,Ms4.3/43,Ms7.4/243
JMA 07 01:49:23.4:0.1,24:1N:02:121.7E:0.4,h11km,MD4.4/15,
MW4.4/15,TAIWAN REGION

NEIC 07 01:49:23.2:1.9,24:09N:0:06:121.66E:0.05,h10km,1km,
mb4.9/158,Error ellipse: s-maj=10.1km s-min=5.8km
az=333.0

NIED 07 01:49:23.4,24:11N:121.66E,h11km,MW4.5,Moment
Tensor Solution. s2 Moment tensor: Scale 10^15Nm;
Mn:2.98; Mw:2.52; Ms:0.46; Mb:2.3; Mw:2.25; Mw:0.22;
Fault plane solution: Mw:5.40000x10^15 NP1:
p2:212.00000°,s26.00000°,l44.00000°. NP2:s81.00000°,
s72.00000°,l110.00000°

TAP 07 01:49:23.3,24:13N:121.64E,h12km,ML5.0,B
ASIES 07 01:49:23.5,24:13N:121.65E,h12km,MW4.3,Fault plane
solution: NP1:p226.00000°,s37.00000°,l83.00000°
NP2:p255.00000°,s53.00000°,l85.00000°

ISC 07 01:49:23.2:0.6,24:12N:0:01:121.68E:0.02,h12km,3km,
m593,s1809/637,mb4.8/115,MS3.5/27,17C-45D,Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like ETL, Fush Village, ETI, Chiawan, etc.

2020 JUN

Main table listing stations and their coordinates. Columns include station name, coordinates, and other identifiers. Includes stations like WJZ Zhushan, WJS Taipei, WJY Hsinchu, etc.

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Table listing stations and their coordinates. Columns include station name, coordinates, and other identifiers. Includes stations like KNMB Chin-men Tao, JMW Miyako jima, JOW Kunigami, etc.

371	CMAR	Chiang Mai Arr	21.91 259	P	P	01 54 18.1 +1.6
		comp=Z,0.9nm,0.4s,baz=70,slow=10,SNR=17				
	CMAR	BinXian	22.07 11	P	P	01 58 15.2 -0.5
		comp=Z,1.2nm,0.3s,baz=61,slow=1.4,SNR=5.6				
	CMAR	Chiang Mai Arr	21.91 259	P	P	01 54 19.0 +2.5
		comp=Z,0.9nm,0.4s				
	BNX	BinXian	22.07 11	P	P	01 54 18.8 +0.9
		comp=Z,6.0nm,0.7s				
	JTM	Tenmabayashi	23.24 40	P	P	01 54 25.9 -4.4
		comp=Z,4.0nm,1.2s				
	GT2A	Goatai	24.03 315	eP	P	01 54 38.9 +0.6
		comp=Z,3.0nm,1.1s				
	GT2A			LR	LR	
		comp=Z,3.30nm,12.4s				
	GT2A			LR	LR	
		comp=Z,510nm,13.4s				
	HILR	Hailar Array B	25.44 357	P	P	01 54 51.2 +0.4
		comp=Z,1.0nm,0.3s,baz=187,slow=11,SNR=3.7				
	JKA	Kamikawa-asahi	26.29 36	P	P	01 54 56.2 -2.3
		comp=Z,2.7nm,1.5s				
	KLR	Kul'dur	26.29 15	LR	LR	
		comp=Z,9.7nm,19.1s,baz=247,slow=7,SNR=1.8				
	ULN	Ulanbaatar	26.40 338	P	P	01 54 59.3 -0.4
		comp=Z,3.4nm,0.8s				
	HEH	HeiHe	26.47 8	eP	P	01 55 00.3 +0.2
		comp=Z,1.6nm,0.9s				
	HEH			LR	LR	
		comp=Z,100nm,11.0s				
	HEH			LR	LR	
		comp=Z,230nm,12.1s				
	HEH			LR	LR	
		comp=Z,350nm,12.2s				
	SIJI	Sorong	26.52 158	P	P	01 55 00.6 -0.3
		comp=Z,4.5nm,0.7s,baz=247,slow=7,SNR=1.8				
	SIJI			LR	LR	
		comp=Z,1.6nm,21.5s,baz=227,slow=31				
	SOMM	Songino Array	26.61 337	P	P	01 55 01.7 +0.2
		comp=Z,3.8nm,0.8s,baz=150,slow=9.9,SNR=12				
	SOMM			LR	LR	
		comp=Z,11.8nm,21.6s,baz=234,slow=38				
	SOMM	Songino Array	26.61 337	P	P	01 55 01.9 +0.4
		comp=Z,3.8nm,0.8s				
	SHL	Shilong	27.06 279	P	P	01 55 05.0 -0.9
		comp=Z,2.9nm,1.1s				
	KAPI	Kappang	29.01 184	LR	LR	
		comp=Z,2.9nm,18.8s,baz=2,slow=42				
	TVL	Talaya	30.81 338	LR	LR	
		comp=Z,1.6nm,18.5s,baz=138,slow=39				
	ELY	Everest	31.50 285	P	P	01 55 45.7 -0.1
		comp=Z,1.2nm,0.7s,baz=247,slow=7,SNR=1.8				
	LEM	Lembang	33.68 206	LR	LR	
		comp=Z,1.2nm,19.1s,baz=142,slow=36				
	WMQ	Urumqi	34.03 314	eP	P	01 56 08.8 +1.6
		comp=Z,2.20nm,14.3s				
	WMQ			LR	LR	
		comp=Z,350nm,13.3s				
	WMQ			LR	LR	
		comp=Z,93nm,10.7s				
	MKAR	Makanchi Array	38.70 316	P	P	01 56 47.1 +0.1
		comp=Z,1.7nm,0.6s,baz=106,slow=11,SNR=14				
	MKAR			P	P	01 58 58.4 -0.4
		comp=Z,0.5nm,0.6s,baz=113,slow=3.4,SNR=2.6				
	MKAR	Makanchi Array	38.70 316	P	P	01 56 45.9 -1.1
		comp=Z,1.7nm,0.6s				
	MKAP	Makanchi	38.91 316	P	P	01 58 58.4 -0.4
		comp=Z,1.7nm,0.6s				
	MAKS	Petrovlovsk	39.67 34	P	P	01 56 52.7 -2.3
		comp=Z,0.9nm,0.7s,baz=240,slow=5.8,SNR=4.3				
	PETK			LR	LR	
		comp=Z,5.5nm,19.4s,baz=255,slow=37				
	ZAAO	Zalesovo Array	40.55 327	P	P	01 57 01.3 -0.9
		comp=Z,3.9nm,0.7s				
	ZALV	Zalesovo Beam	40.55 327	P	P	01 57 01.5 -0.7
		comp=Z,3.3nm,0.4s,baz=122,slow=9.6,SNR=21				
	ZALV			P	P	01 59 03.3 -1.1
		comp=Z,0.5nm,0.4s,baz=112,slow=1.6,SNR=2.0				
	ZALV			LR	LR	
		comp=Z,6.5nm,21.4s,baz=84,slow=38				
	MA2	Magadan	40.88 22	LR	LR	
		comp=Z,5.2nm,19.2s,baz=240,slow=38				
	H1S3	WAKE ISLAND Hy 42.17	89	T	T	02 43 13.5
		comp=Z,2.8nm,18.5s,baz=126,slow=39				
	H1S1	WAKE ISLAND Hy 42.17	89	T	T	02 43 14.4
		comp=Z,2.8nm,18.5s,baz=126,slow=39				
	H1S2	WAKE ISLAND Hy 42.18	89	T	T	02 43 14.9
		comp=Z,2.8nm,18.5s,baz=126,slow=39				
	KURK	Kurchatov	42.44 320	P	P	01 57 18.4 +0.7
		comp=Z,2.8nm,18.5s,baz=126,slow=39				
	KURB	Kurchatov Arra	42.45 320	P	P	01 59 08.8 -1.9
		comp=Z,1.8nm,0.7s,baz=111,slow=8.6,SNR=20				
	KURBB			P	P	01 59 08.8 -1.9
		comp=Z,0.3nm,0.5s,baz=121,slow=6,SNR=1.6				
	KURBB			LR	LR	
		comp=Z,4.4nm,19.0s,baz=168,slow=39				
	AAK	Ala-Archa	42.91 307	LR	LR	
		comp=Z,6.5nm,18.5s,baz=203,slow=36				
	WRA	Warramunga Arr	45.49 163	P	P	01 57 41.1 -1.4
		comp=Z,4.1nm,0.7s,baz=344,slow=8.1,SNR=25				
	WRA			P	P	01 59 19.5 -2.0
		comp=Z,0.8nm,0.7s,baz=354,slow=3.9,SNR=2.7				
	WRA	Warramunga Arr	45.49 163	P	P	01 57 41.2 -1.4
		comp=Z,4.1nm,0.7s				
	WRB	Warramunga Arr	45.55 163	P	P	01 57 42.2 -0.9
		comp=Z,4.1nm,0.7s				
	WRB			IAMB	IAMB	
		comp=Z,6.1nm,0.7s				
	KK31	Karatay Array	45.87 307	P	P	01 57 45.9 +0.4
		comp=Z,4.4nm,19.0s,baz=168,slow=39				
	KKAR	Karatay Array	45.87 307	P	P	01 57 46.3 +0.8
		comp=Z,4.4nm,19.0s,baz=168,slow=39				
	TIXI	Tiksi	47.74 3	LR	LR	
		comp=Z,8.4nm,19.2s,baz=203,slow=39				
	TIXI	Tiksi	47.74 3	P	P	01 57 58.2 -1.4
		comp=Z,8.4nm,19.2s,baz=203,slow=39				
	BVAR	Borovoye Array	48.01 321	P	P	01 58 02.5 +0.5
		comp=Z,2.0nm,0.6s,baz=110,slow=9.4,SNR=10				
	BVAR			P	P	01 59 29.7 -0.3
		comp=Z,0.8nm,0.5s,baz=96,slow=5.8,SNR=2.0				
	BORK	Borovoye	48.06 321	P	P	01 58 03.1 +0.8
		comp=Z,0.8nm,0.5s				
	AS31	Alice Springs	48.96 165	P	P	01 58 09.2 -0.4
		comp=Z,1.9nm,0.7s,baz=342,slow=8.6,SNR=18				
	ASAR	Alice Springs	48.96 165	P	P	01 58 07.7 -0.9
		comp=Z,1.9nm,0.7s,baz=342,slow=8.6,SNR=18				
	ASAR			P	P	01 59 31.8 -1.9
		comp=Z,0.5nm,0.7s,baz=353,slow=5.1,SNR=1.6				
	ASAR	Alice Springs	48.96 165	P	P	01 58 09.4 -0.2
		comp=Z,1.9nm,0.7s				
	ASAR			P	P	01 59 31.8 -1.9
		comp=Z,0.5nm,0.7s				
	NR1K	Noril'sk	49.59 345	LR	LR	
		comp=Z,4.0nm,19.2s,baz=4,slow=37				
	MORW	Morawa	53.16 186	P	P	01 58 39.6 -1.4
		comp=Z,6.5nm,18.5s,baz=203,slow=36				
	AB31	Abkulek array	53.81 314	P	P	01 58 36.2 +0.5
		comp=Z,3.4nm,0.6s,baz=341,slow=6.8,SNR=11				
	AKTO	Aktubinsk	55.14 316	P	P	01 58 55.5 +0.1
		comp=Z,0.8nm,0.4s,baz=86,slow=5.4,SNR=3.8				
	AKTO			LR	LR	
		comp=Z,5.5nm,20.5s,baz=330,slow=38				
	ARTI	Arti	55.53 323	P	P	01 58 56.6 -1.4
		comp=Z,2.5nm,0.7s,baz=90,slow=10,SNR=5.7				
	ARTI	Arti	55.53 323	P	P	01 58 58.4 +0.4
		comp=Z,2.5nm,0.7s				
	ARTI			IAMB	IAMB	
		comp=Z,1.3nm,1.4s				
	EIDS	Eidsvoild	56.84 148	P	P	01 59 07.4 -0.3
		comp=Z,1.6nm,1.2s				
	EIDS			IAMB	IAMB	
		comp=Z,1.6nm,1.2s				
	SP1A	Saint Paul Isl	58.22 36	P	P	01 59 16.4 -0.7
		comp=Z,2.5nm,0.7s,baz=90,slow=10,SNR=5.7				
	STKA	Stephens Creek	58.44 160	P	P	01 59 21.4 -0.4
		comp=Z,3.4nm,0.6s,baz=341,slow=6.8,SNR=11				
	TNA	Tin City	60.20 27	P	P	01 59 29.9 -0.7
		comp=Z,2.8nm,18.5s,baz=126,slow=39				
	UNV	Unalaska Valle	60.25 40	P	P	01 59 29.8 -1.4

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M11K	Mekoryuk	60.53 33	P	P	01 59 32.0 -1.0
	comp=Z,5.7nm,0.5s,baz=84,slow=5.5,SNR=3.5				
KIRV	<				

7d 2h

Table with columns: SEW, SEWARD, 68.86, 32, P, P, 02 00 26.5, -0.9, etc. Lists various stations and their associated data.

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Table with columns: MNK, MNK, MNK, MNK, MNK, MNK, etc. Lists various stations and their associated data.

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Table with columns: YKA, YKA, GERES, OPO, KMBO, DAVOX, BORG, EKA, LTY, NEW, FRB, FCC, FFC, ROSC, etc. Lists various stations and their associated data.

IDC 07 01:52:07.31, 9.23/46S:68.84E, h0km, mb3.7/4, mtbpm3.7/4, Error ellipse: s-maj=55.5km s-min=41.0km az=85.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists station data for IDC 07 01:52:07.31.

IDC 07 01:54:38.47, 1.18/49S:179.29W, h541km, 32km, mb2.8/2, mtbpm3.7/3, Error ellipse: s-maj=281.5km s-min=58.8km az=150.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists station data for IDC 07 01:54:38.47.

MEX 07 02:13:21.90, 7.14/67N:92.58W, h71km, 10km, MD4.0 GCG 07 02:13:22.44, 1.7, 14/72N:92.49W, h59km, 18km, ML3.9, Presumed earthquake

CATAC 07 02:13:22.44, 0.4, 15°N, 3°W, h40km, 5km, M3.6/16, ML3.6/16, Error ellipse: s-maj=7.8km s-min=3.2km az=41.0, confirmed

ISC 07 02:13:21.51, 3.14/67N:0.05:92.63W, s=0.05, h51km, 12km, n38, e227/67, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists station data for MEX 07 02:13:21.90.

Table with columns: SARH, Santa Rosa de, 3.75 88 P, Pn, 02 14 18.6 +1.7, etc.

IDC 07 02:18:08.9.6.3, 21.58N-143.29E, h312km, 63km, mb2.9/8, mbmp3.6/9, Error ellipse: s-maj=42.5km s-min=15.2km az=79.0

ISC 07 02:18:07.6.1.1, 21.61N-143.4E:0.3, h300km, n10, s106/10, mb3.2/7, Mariana Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

IDC 07 02:30:25.9.1.3, 16.06S-173.43W, h0km, mb3.6/3, mbmt3.6/4, ML3.2/1, Error ellipse: s-maj=53.8km s-min=28.6km az=136.0, Tonga Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

IDC 07 02:37:35.3.0.8, 11.90N-143.23E, h0km, mb3.8/9, mbmp3.8/10, ML4.2/1, MS2.9/6, Error ellipse: s-maj=28.3km s-min=17.5km az=110.0

NEIC 07 02:37:21.1.2, 11.90N-143.143E:0.1, h10km, mb4.4/8, Error ellipse: s-maj=14.1km s-min=9.3km az=210.0

ISC 07 02:37:39.8.0.7, 11.38N-143.2E:0.2, h31km, n35, s103/25, mb4.0/13, MS3.0/4, South of Mariana Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

Table with columns: ILAR, Eielson Array, 70.86 25 P, P, 02 48 51.5 -2.0, etc.

WEL 07 03:00:16.7.1.0, 32.5S-6.178W, h1.83km, M5.0/13, mb5.4/7, ML4.8/14, MLV5.1/13, Mw(MB)4.9/7, Error ellipse: s-maj=24.0km s-min=4.4km az=104.1, confirmed

NEIC 07 03:00:19.9.1.4, 31.57S-0.109-178.5W:0.2, h35km, mb4.7/18, Error ellipse: s-maj=26.6km s-min=14.1km az=99.0

IDC 07 03:00:23.2.2.0, 31.38S-178.52W, h71km, mb4.1/7, mbmp4.4/8, MS3.3/6, Error ellipse: s-maj=22.6km s-min=14.8km az=98.0

ISC 07 03:00:19.4.0.5, 31.73S-0.05-178.65W:0.10, h35km, n88, s164/83, mb4.7/17, MS3.4/4, 2C, Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc.

URZ Urewera 7.38 207 P Pn 03 02 03.0 -1.6

TOZ Tahuroa Road 7.68 217 Pn Pn 03 02 08.9 +0.3

RTZ Rutahatuna 7.47 206 P LR 03 02 01.1 +0.5

MSVF Natsunau 14.26 347 LR comp=2.1, 1.35nm, 20.4s, baz=180, slow=32

DZM Mont Dzumac 16.40 302 LR comp=2.7, 2nm, 21.4s, baz=150, slow=28

EIDS Eidsvold 27.28 276 P Iamb P 03 06 00.0 -0.6

PPT Papeete 29.84 69 LR comp=2.2, 2nm, 18.4s, baz=242, slow=35

CTA Toalangi 29.95 249 P LR 03 06 24.7 +0.4

STKA Stephens Creek 33.66 259 P P 03 06 58.8 +1.9

MGBR Mount Gribble 33.85 248 P P 03 06 58.8 +0.4

INKA Innaminka 35.34 266 P Iamb Iamb 03 07 13.5 +2.0

COEN Coen 39.13 288 P Iamb Iamb 03 07 45.9 +2.2

AS31 Alice Springs 42.50 269 P P 03 08 12.1 +0.6

ASAR Alice Springs 42.50 269 P comp=2.6, 2nm, 0.6s, baz=104, slow=7.5, SNR=114

ASAR Alice Springs 42.50 269 P P 03 08 11.9 +0.4

WRR Warramunga Arr 43.47 274 P Iamb Iamb 03 08 20.1 +0.7

WRA Warramunga Arr 43.61 274 P P 03 08 21.3 +0.8

WBO Warramunga Arr 43.64 274 P P 03 08 21.6 +0.8

FORT Forrest 45.18 257 P Iamb Iamb 03 08 35.1

VNDA Vanda 46.72 186 P P 03 08 40.8 +3.7

VNDA Vanda 46.72 186 P Iamb Iamb 03 08 46.5 +2.1

MTN Manton Dam 49.66 280 P P 03 09 08.1 +0.2

KNRA Kununurra 50.27 276 P Iamb Iamb 03 09 12.9 +0.4

FITZ Fitzroy Crossi 51.82 271 P LR 03 09 32.0

FITZ Fitzroy Crossi 51.82 271 P P 03 09 24.8 +0.7

CASY Casey 51.83 208 P Iamb Iamb 03 09 38.0

FAKI Fak Fak 54.29 292 P P 03 09 42.1 -0.3

QSPA South Pole Qui 58.38 180 P P 03 10 12.5 +1.5

comp=2.0, 8nm, 0.8s, baz=116, slow=5.5, SNR=3.3

PETK Petropavlovsk- 86.96 346 P P 03 12 60.0 -0.3

PETK Petropavlovsk- 86.96 346 P P 03 13 00.5 +0.1

ZALV Zalesovo Beam 118.65 318 PKP PKPdf 03 19 01.2 -2.0

KURKB Kurchatov Arr 121.56 313 PKP PKPdf 03 19 07.2 -1.6

BVAR Borovoye Array B 146.19 339 PKP PKPdf 03 19 08.2 -0.9

ARCES ARCESS Array B 139.74 347 PKP PKPrpe 03 19 34.6

ARCES ARCESS Array B 139.74 347 PKP PKPdf 03 19 41.5 -1.1

KBZ Khabz 145.37 302 PKP PKPdf 03 19 51.9 -1.4

FIAT FINESS Array S 146.19 339 PKP PKPdf 03 19 54.2 0.0

NOA NORARS Array B 149.97 350 PKP PKBc 03 20 03.7 -1.7

HFS Hagfors 150.43 347 PKP PKBc 03 20 05.3 -1.1

MMAI Mount Meron Arr 151.28 322 PKP PKBc 03 20 08.6 -0.8

PABE Paberze 151.39 333 PKP PKBc 03 20 08.2 -0.6

AKASO Malin Array Be 152.00 321 PKP PKBc 03 20 07.6 +3.9

BRTR Keskin Array B 152.71 296 PKP PKBc 03 20 09.7 -2.9

TORD Torodi Arr Be 161.50 181 PKP PKBc 03 21 00.5 -0.9

TRN 07 03:10:15.3, 17.47N-61.57W, h14km, MD3.8, Near South-west of Barbuda, Leeward Islands

ANWB Willy Bob 0.29 314 eP Sb 03 10 23.1 +0.9

MBWH Windy Hill 0.94 220 eP Sb 03 10 35.5 +1.5

SKJ Saint Kitts 1.13 263 eP Pg 03 10 50.4 +3.2

DHSZ Broadband at M 1.20 189 eP Pg 03 10 55.3 +3.6

MLML Guadeloupe Bro 1.42 184 eP Pg 03 10 56.5 +2.4

MAGL Barre de l'ile 1.53 170 eP Pg 03 11 04.1 +2.1

TBG Guadeloupe-3 1.61 183 eP Pg 03 11 04.3 -0.5

DSLB Salsbury 2.02 176 eP Sb 03 10 51.7 -0.1

IDC 07 03:15:30.2-1.9, 2.27N-127.76E, h0km, mb3.5/4, mbmt3.5/4, Error ellipse: s-maj=154.9km s-min=23.3km az=68.0, Northern Malokka Sea

WRA Warramunga Arr 23.00 164 P P 03 20 37.4 +0.5

ASAR Alice Springs 26.46 167 P P 03 21 08.3 -0.9

MKAR Makanchi Array 59.33 325 P P 03 25 34.9 +0.8

KURKB Kurchatov Arr 63.51 327 P P 03 26 02.0 -0.3

JMA 07 03:16:09.9.0.3, 28.2N-214.1E, h165km, MV3.7/16, NEAR CHICHUJIMA ISLAND, Bonin Islands region

CBJH Chichi jima 1.64 134 P Pn 03 16 42.3 +0.4

JHH2 Haha-jima-NKT2 1.98 144 P Pn 03 16 45.9 +0.1

BSO1 Boso 1 6.39 1 eP Pn 03 17 42.0 +0.7

BSO3 Boso 3 6.54 357 eP Sn 03 18 50.3 -2.9

BSO4 Boso 4 6.74 356 eP Pn 03 17 47.6 +1.3

JSD4 Odawara 2 1.76 348 eP Pn 03 17 53.4 +1.3

JHO Hitachi 8.35 358 eP Pn 03 18 06.5 -1.2

CNRM 07 03:18:09.2, 36.77N-3.75W, h109km, ML1.6

SFS 07 03:18:10.6, 36.39N-3.20W, h0km, ML2.6/10, ML2.6/10, ML2.6/8

MDD 07 03:18:12.0, 0.5, 36.54N-3.09W, h10km, mb_Lg2.5/16, Error ellipse: s-maj=4.9km s-min=2.1km az=170.0

ISC 07 03:18:11.4-1.1, 36.54N-0.02-3.08W:0.02, h20km, n5km, n36, s190/79, Strait of Gibraltar

ELGU Los Guajares, 0.55 307 P Pg 03 18 22.2 -0.1

ELGU Los Guajares, 0.55 307 P Pg 03 18 22.2 -0.1

EQUE Quentar 0.72 337 P Pg 03 18 28.9 -1.0

7d 4h

2020 JUN

Table with columns: ID, Name, Date, Time, Status, and Value. Rows include K16K Lisburne Hills, K15K Wolf Creek Mou, H16K Elm, SDPT Sand Point, M15K Kasigluk River, G16K Koyuk River, N15K Kwethluk River, O15K Ungalikthiuk R, J16K Anvik River, D17K Noatak River, I17K Unalakleet, S14K Fog Glacier, CHNA Chernabura Isl, RDOG Red Dog Mine, C17K DeLong Mountai, E17K Hotham Inlet, L16K Owhat River, L16K Owhat River, F17K Baldwin Pennin, G17K Kiwalik Mounta, M16K Timber Creek, N16K Nishlik Lake, H17K Granite Mounta, J17K VABM Dome, J17K VABM Dome, CHGN Chignik, E18K Tukpalearik C, O16K Kokwok River B, P16K Nushagak River, L17K Donlin, K17K Iditarod, C18K Utukok River, C19K Utukok River, F18K Selawik, M17K Holitna River, H18K Honhosa River, H18K Honhosa River, G18K Tagagawik, G18K Tagagawik, N17K Nushagak Hills, O17K Koliganek Bris, A19K Wainwright, L18K Granite Mounta, C19K Lookout Ridge, C19K Lookout Ridge, P17K Kvichak River, R17L Mt. Peulik Vol, F19K Shalerucik Mo, F19K Shalerucik Mo, GCSA Galena City Sc, G19K Purcell Mounta, N18K Kilae Creek, Q17K Contact Creek, D19K Kuna River, D19K Kuna River, D19K Kuna River, M18K Stony River, H19K Roundabout Mou, H19K Roundabout Mou, E19K Redstone River, E19K Redstone River, J19K Poorman, J19K Poorman, J19K Poorman, P18K Big Mountain, CHIR Chirikof Islan, O18K Koktuh Hills, Q18K Katmai Hardscr, L19K White Mountain, D20K Etivluk River, D20K Etivluk River, F20K Avaraat Lake, F20K Avaraat Lake, E20K Nigu River, N19K Bonanza Creek, B20K Meade River, B20K Meade River, M19K Big River Lodg, H20K Anotleneaga Mo, K20K Telida, J20K Nowinta River, J20K Nowinta River, J20K Nowinta River, SII Sitkinak Islan, Q19K Cape Douglas, A21K Barrow, P19K Oil Pt, M20K Styx River, C21K Knifeblade Rid

Table with columns: ID, Name, Date, Time, Status, and Value. Rows include G21K Allakaket, G21K Allakaket, OHAK Old Harbor, B21K Ikpikpuk River, E21K Killik River, E21K Killik River, F21K Alatina River, F21K Alatina River, O20K Slope Mountain, H21K Melozitna Rive, H21K Melozitna Rive, A22K Sinclair Lake, CHUM Lake Minchumin, PPLA Purkeypile, SPCR Spurr Chakacha, KDAK Kodiak Island, KDAK Kodiak Island, KDAK Kodiak Island, CAST Castle Rocks, I21K Tanana, I21K Tanana, B22K Teshekpuk Lake, B22K Teshekpuk Lake, JKT Skwentna, H22K Ishlaltina Cre, H22K Ishlaltina Cre, G22K Bettles, E22K Anaktuvuk Pass, E22K Anaktuvuk Pass, L22K Petersburg, MLY Manley, NRIK Noril'sk, NRIK Noril'sk, BRSE Bradley Lake S, TRF Thefare Moun, M22K Willow, G23K Bananza Creek, G23K Bananza Creek, C23K Itkillik River, C23K Itkillik River, C23K Itkillik River, RC01 Rabbit Creek A, H23K Yukon River, I23K Minto, Yukon-K, I23K Minto, Yukon-K, E23K Chandalar, E23K Chandalar, TOLK Toolik Lake Re, NEA2 Nenana, NEA2 Nenana, MCK McCreley, PMR Palmer, WAT1 Susitna Watana, D24K Happy Valley, D24K Happy Valley, E24K Your Creek, E24K Your Creek, C24K Franklin Bluff, KNK Knik Glacier, SML Sawmill, SML Sawmill, SML Sawmill, H24K Noodor Dome, H24K Noodor Dome, COLA College, COLA College, F24K Squaw Lake, F24K Squaw Lake, WAT6 Susitna Watana, G24K Hadweencz Riv, M23K Glacier View, DHY Denali Highway, DHY Denali Highway, PZH PanZhiHu, SCM Sheep Creek Mo, HDA Harding Lake, ILAR Eielson Array, P23K Montae Islan, GLI Glacier Island, D25K Kavik River, G25K Bearman Lake, ZALV Zalesov Beam, F25K Christian River, M24K Tolsona, Glenn

Table with columns: ID, Name, Date, Time, Status, and Value. Rows include E25K Arctic Village, PRP Porcupine Dome, PRP Porcupine Dome, J25K Salcha River, KLU Klutina, Q23K Middleton Isla, PAX Paxson, C26K Camden Bay, EYAK Cordova Ski Ar, HARP HAARP, RIDG Independent Ri, F26K Sheenjek River, C27K Jago River, G26K Porcupine Rive, G26K Porcupine Rive, N25K Chitina, Valde, SCRK Sand Creek, BMRM Bremner River, I26K Coal Creek Min, WMQ Urumqi, L26K Log Cabin Wild, M26K Nabesna, AK, E27K Coleen River, G27K Doy Strip, MCARA McCarthy VSAT, CRQM Cirque, CRQE Cirque, K27K Chicken, H27K Steamboat Moun, H27K Steamboat Moun, I27K Kandik River, D27M Malcolm River, L27K Beaver Creek, L27K Beaver Creek, BCAR Beaver Creek, M27K Edge Creek, AK, F28M Old Crow, F28M Old Crow, E28M Babbage River, E28M Babbage River, GRNC Granite Creek, GRNC Granite Creek, MESA MESA, I28M Miner Creek, I28M Miner Creek, D28M Stokes Point, YUK3 Moose Creek, E29M Blow River, E29M Blow River, H29M Whitestone, H29M Whitestone, G29M Pin Creek, O28M Mount Upton, I29M Ogilvie Camp, I29M Ogilvie Camp, YUK8 Steele Glacier, PINN Pinnacle, M29M Somme Creek, L29M L29M, L29M L29M, MK31 Makanchi Array, MKAR Makanchi Array, MKAR Makanchi Array, EPYK Eagle Plains, YUK4 Talbot Arm, G30M Atoh Zraii Nji, K29M Barlow Dome, F30M Barrier River, YUK6 Outpost Mounta, I30M Mount Dempster, O29M Mount Kennedy, J30M Hart River, M30M Minto, Yukon, HYT Haines Junctio, HYT Haines Junctio, N30M Aishkik Lake, G31M Satah River, G31M Satah River, KURK Kurchatov, KURK Kurchatov, KURK Kurchatov, KURK Kurchatov, INK Inuvik, INK Inuvik, P29B Windy Craggy, P29B Windy Craggy, KURRB Kurchatov Arra, KURRB Kurchatov Arra

0.4nm,0.5s,baz=135,slow=6.1,SNR=4-7
0.4nm,0.5s

RSNC 07:04:33.48.9.0.0, 7.1N:1.7x3W3, h145km,2km, M2.3, mb3.0, ML2.0
FUNV 07:04:33:50.8, 7.12N:73:23W, h14km, MW2.7, Presumed earthquake
ISC 07:04:33:46.5:1.5, 6.87N:0:03:73:12W:0.05, h157km,9km, n23, c1961/44, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Lists stations like BARC, PAMC, RUSC, etc.

KRNET 07:04:40:31.4.0.1, 41.58N:76:48E, h14km, mb3.2
SOME 07:04:40:31.8, 41.57N:76:50E, h15km
NCC 07:04:40:32.0.7.1, 41.58N:76:55E, h0km, mb3.7, mpv3.6
Error ellipse: s-maj=4.6km s-min=2.8km az=170.0
KNET 07:04:40:34.7.0.4, 41.58N:76:28E, h58km,3km, ml2.5, Error ellipse: s-maj=4.9km s-min=2.8km az=68.0
ISC 07:04:40:31.7.1.1, 41.59N:0:03:76:46E:0.02, h10km,12km, n56, c127/98,36C-16D, Kyrgyzstan-Xinjiang border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Lists stations like NRN, KDJ, BOOM, etc.

Table with columns: CHMS, Chumysh, Time, Residual. Lists seismic events with magnitudes and times.

MAN 07:05:00:18.0, 18.98N:121.99E, h8km, MS4.0
MAN INTENSITY III - CALAYAN CAGAYAN; INTENSITY II - SANTA ANA AND GONZAGA CAGAYAN.
NEIC 07:05:00:20.7:1.1, 18.98N:122.3E:0.1, h31km,5km, mb4.3/19, Error ellipse: s-maj=14.3km s-min=12.9km az=131.0
IDC 07:05:00:23.4:2.7, 18.83N:122.12E, h57km,27km, mb3.7/19, mbtmp:0.20,ML4.1/2,MS3.4/2, Error ellipse: s-maj=19.3km s-min=13.0km az=77.0
ISC 07:05:00:21.2.0.5, 18.99N:0:05:122:16E:0.06, h35km, n83, c150/70, mb4.1/29, MS3.5/16, Luzon

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Lists stations like CVP, PASUQUIN, etc.

Table with columns: SIJI, Ching Mai Arr, etc. Lists stations and seismic events with magnitudes and times.

SOME 07:05:07:44.5, 41.42N:84.48E, h5km
NCC 07:05:07:40.2.3.4, 41.20N:84.10E, h0km, mb4.3, mpv4.0
Error ellipse: s-maj=17.5km s-min=13.3km az=159.0
IDC 07:05:07:52.3:2.8, 41.46N:84.01E, h0km, mb3.6/3, mbtmp:3.78,ML3.0/5,MS2.9/7, Error ellipse: s-maj=35.8km s-min=20.0km az=107.0
ISC 07:05:07:51.7:0.8, 41.34N:0:06:84:12E:0.04, h10km, n39, c250/49, MS3.0/4, 8C-9D, Southern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Lists stations like WMQ, SHLS, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res, and various station codes (SHLS, PDGK, UZB, etc.). Includes station names like Podgornoye, Uzunbulak, Jarkent, and Kuram.

comp=E,1.8nm,0.8s,baz=90,slow=8.5,SNR=6.5
comp=E,1.8nm,0.8s

ASRS 07 05:10:28.0±1.0, 46°N±4.4, 86°E±1.9, h9km, MLh3.8/8, Error ellipse: s-maj=12.4km s-min=8.7km az=111.5, confirmed-Northern Xinjiang

NSPP 07 05:10:30.6, 38°48N-45°33E, h12km, Ms3.6
TEH 07 05:10:31.3, 38°39N-45°34E, h12km, 26km, ML3.1, Presumed earthquake

AZER 07 05:10:32.5±1.0, 38°46N±0.02, 45°46E±0.02, h18km, 7km, n55, r1956/94, 2D, Iran-Armenia-Azerbaijan border region

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, and various station codes (ISHB, IMRD, ITBZ, etc.). Includes station names like Shabestar, Marand, Tabriz, Ordubad, and others.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res, and various station codes (TKM2, TNSS, TNSS, etc.). Includes station names like Tokmak2, Tian-Shan, Maitube, Karagaybulak, Uchtor, Aral, Medeo, etc.

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

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like INCE Denizli-Bozkur, KARY Karystos, KARB Karabur, etc.

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Includes stations like VAO 07:05:27:18.4,3,3,9,61S, ATAH Athaualpa, CZSB Cruzeiro do Sul, etc.

Table with columns: WRA, comp-Z, 0.9nm, 0.7s, baz=128, slow=2.1, SNR=5.1, PKPK, pPKPdf, 05 46 58.4 +0.3

SJA 07 05:33:54.4-0.7, 27.80S:71.67W, h24km, 3km, ML3.2, MW3.6

GUC 07 05:33:56.9-0.8, 27.88S:71.67W, h25km, 1.3km, ML3.1

ISC 07 05:33:55.9-1.8, 27.87S:0.03:71.64W+0.09, h25km+1.6km, n22,+185Z, 1D, Near coast of northern Chile

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

IDC 07 05:58:15.8-2.1, 7.52S: 128.24E, h130km+20km, mb3.7/10, mbmp4.2/14, MS2.9/1, Error ellipse: s-maj=28.7km

NEIC 07 05:58:16.8-1.5, 7.44S:0.08:128.61E+0.08, h141km, 9km, mb4.0/11, Error ellipse: s-maj=12.7km s-min=10.8km

ISC 07 05:58:17.8-0.5, 7.56S:0.04:128.64E+0.05, h151km, n60, az=144.0

#208/66, mb3.9/16, Banda Sea

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

Table with columns: SONM, comp-Z, 0.4nm, 0.3s, 58.55 343 P, 06 07 57.3 -1.2

Table with columns: PETK, comp-Z, 1.1nm, 0.7s, baz=124, slow=7.3, SNR=2.9

Table with columns: MKAR, Makanchi Array, 67.96 328 P, 06 09 00.0 -0.4

Table with columns: MKAR, Makanchi Array, 67.96 328 P, 06 08 59.9 -0.5

Table with columns: ZALV, Zalesovo Beam, 71.49 334 P, 06 09 20.4 -1.5

Table with columns: VANDA, Vanda, 72.06 173 P, 06 09 26.6 +1.7

Table with columns: KURKB, Kurchatov Arra, 72.29 329 P, 06 09 25.7 -0.9

Table with columns: KURK, Kurchatov, 72.30 329 P, 06 09 25.8 -0.9

Table with columns: BVAR, Borovoye Array, 77.82 328 P, 06 09 57.1 -1.2

Table with columns: AB31, Akbulak array, 82.11 322 P, 06 10 20.4 -1.1

Table with columns: ABKAR, Akbulak array, 82.11 322 P, 06 10 20.3 -1.2

Table with columns: TXAR, Lajitas Array, 126.37 59 PKP, 06 17 04.6 +0.6

Table with columns: CPUP, Villa Florida, 145.82 170 PKPbc, 06 17 40.4 -0.2

Table with columns: LPAZ, La Paz, 151.07 145 PKP, 06 17 49.2 +0.4

SJA 07 06:16:28.5-0.8, 21.60S:68.51W, h142km, 5km, ML3.3, MW3.5

GUC 07 06:16:30.2-0.5, 21.62S:68.45W, h128km, 2km, ML3.5

ISC 07 06:16:29.8-1.4, 21.59S:0.03:68.56W+0.05, h109km, n33,+0.65/63, 10C, Chile-Bolivia border region

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

Table with columns: PB12, comp-Z, 4.9nm, 0.6s, 5.09 153 eP, 06 17 44.6 +0.2

Table with columns: FSA, Cafayete, 5.09 153 eP, 06 17 44.6 +0.2

Table with columns: IDC 07 06:18:57.0±10.0, 7.22S:128.00E, h291km, 119km, mb2.8/1, mbmp3.6/4, Error ellipse: s-maj=77.1km

Table with columns: FITZ, Fitzroy Crossi, 11.05 192 P, 06 21 26.8 -1.4

Table with columns: WRA, Warramunga Arr, 14.06 155 P, 06 22 05.3 +0.7

Table with columns: ASAR, Alice Springs, 17.31 162 P, 06 22 39.6 -0.2

Table with columns: MKAR, Makanchi Array, 67.34 328 P, 06 29 21.3 +0.3

TAP 07 06:24:42.3, 24.25N:122.42E, h44km, ML3.7, C

JMA 07 06:24:42.0, 24.24N:1.0:122.4E+0.3, h40km, 2km, MW2.9/19, NW OFF ISHIGAKUJIMA IS

ISC 07 06:24:43.0±1.2, 24.22N:0.02:122.44E+0.02, h43km, 6km, n137,+1820/234, Taiwan region

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

7d 7h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EYUL, TWFI, NUOH, LIOB, WHP, NSTT, etc.

CATAC 07:07:00:47.4+0.5, 9°N, 3°E, 8°3'W, h16km, 3km, M3.0/14, MLV3.0/14, Error ellipse: s-maj=5.6km s-min=2.4km az=17.0, confirmed

UPA 07:07:00:48.5+1.0, 9°24'N, 82°61'W, h4km, 2km, MW3.1, Presumed earthquake

ISC 07:07:00:47.0+1.3, 9.33N, 0.03-82.61W, 0.02, h9km, 10km, n37, r124/69, BD, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SCIRA, BRU2, LNBQ3, etc.

2020 JUN

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KKNTU, LOCO3, LESP3, etc.

NEIC 07:07:01:33.3+0.9, 16°54.0'E, 173°84W, 0.10, h124km, 6km, mb4.3/18, Error ellipse: s-maj=20.2km s-min=9.7km az=213.0

NOU 07:07:01:36.1, 16°54'S, 173°67'W, h126km, mb4.7/13, Tonga Islands

ISC 07:07:01:38.0+4.5, 16°61'S, 173°91'W, h170km, 3.7km, mb3.8/7, mbtmp4.3/9, MS3.4/2, Error ellipse: s-maj=32.0km s-min=22.1km az=124.0

ISC 07:07:01:31.7+0.6, 16°36'S, 173°84W, 0.07, h111km, n66, r192/71, mb4.3/15, Tonga Islands

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

WRA 07:07:56:01.9+3.8, 19°90'S, 176°00'W, h0km, mb3.8/5, mbtmp3.8/2, MS3.2/2, Error ellipse: s-maj=247.5km s-min=76.5km az=162.0, Tonga Islands

WRA 07:07:56:01.9+3.8, 19°90'S, 176°00'W, h0km, mb3.8/5, mbtmp3.8/2, MS3.2/2, Error ellipse: s-maj=247.5km s-min=76.5km az=162.0, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA, AS31, ASAR, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H08S1, H08S2, H08S3, etc.

IDC 07:07:51:28.8+1.9, 33°92'N, 25°53'E, h0km, mb3.6/3, mbtmp3.6/8, ML3.1/6, MS3.0/1, Error ellipse: s-maj=33.6km s-min=18.2km az=28.0

THE 07:07:51:32.5, 34°N, 16°2'6"E, h0km, 2.2km, M2.9/5, MLh2.9/5

ATH 07:07:51:37.2+1.1, 34°53'N, 25°60'E, h28km, 9km, ML2.8/7, Latitude uncertainty: 6 km; Longitude uncertainty: 2 km

ISC 07:07:51:36.1+2.1, 34.33N, 0.1-25.62E, 0.05, h32km, 12km, n33, r196/40, mb3.5/3, Crete

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

IDC 07:07:56:01.9+3.8, 19°90'S, 176°00'W, h0km, mb3.8/5, mbtmp3.8/2, MS3.2/2, Error ellipse: s-maj=247.5km s-min=76.5km az=162.0, Tonga Islands

IDC 07:07:56:01.9+3.8, 19°90'S, 176°00'W, h0km, mb3.8/5, mbtmp3.8/2, MS3.2/2, Error ellipse: s-maj=247.5km s-min=76.5km az=162.0, Tonga Islands

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

Table with columns: STZ, NPS, Neapolis, 0.96 253, S, Sg, 07 59 12.6 -0.5, comp=N, 160nm, 0.8s, IAML, 07 59 42.0, ARG, Arkhangelos, 1.31 59, Pn, Pp, 07 59 18.2 +0.3, ARG, Arkhangelos, 1.31 59, Pn, Pp, 07 59 17.9 -0.1, ARG, Arkhangelos, 1.31 59, Pn, Pp, 07 59 36.4 +1.2, ARG, Arkhangelos, 1.31 59, Pn, Pp, 07 59 17.4 -0.1, ARG, Ancient Thera, 1.31 309, Pn, Pp, 07 59 17.5 -0.1, ARG, Ancient Thera, 1.31 309, Pn, Pp, 07 59 17.2 -0.4, ARG, Ancient Thera, 1.31 309, Pn, Pp, 07 59 34.6 -0.8, ARG, Datca, 1.36 30, Pn, Pp, 07 59 19.1 -0.2, ARG, Datca, 1.36 30, Pn, Pp, 07 59 21.9 +2.7, ARG, Heraklion, 1.38 261, Pn, Pp, 07 59 19.7 +0.1, ARG, Heraklion, 1.38 261, Pn, Pp, 07 59 19.7 +2.7, ARG, Nea Kammeni, S, 1.39 309, Pn, Pp, 07 59 19.5 -0.2, ARG, Nea Kammeni, S, 1.39 309, Pn, Pp, 07 59 18.7 +0.1, ARG, Santorini-Thir, 1.44 309, Pn, Pp, 07 59 36.8 -0.2, ARG, Santorini-Thir, 1.44 309, Pn, Pp, 07 59 19.8 +0.5, ARG, Santorini-Thir, 1.44 309, Pn, Pp, 07 59 18.2 -0.9, ARG, Anoyia, 1.53 261, Pn, Pp, 07 59 43.6 +1.3, ARG, Anoyia, 1.53 261, Pn, Pp, 07 59 42.4 +0.1, ARG, Anoyia, 1.53 261, Pn, Pp, 07 59 42.9 +0.4, ARG, Anoyia, 1.53 261, Pn, Pp, 07 59 20.1 -0.6, ARG, Bodrum, 1.58 17, Pn, Pp, 07 59 22.2 -0.4, ARG, Bodrum, 1.58 17, Pn, Pp, 07 59 41.0 -1.0, ARG, Bodrum, 1.58 17, Pn, Pp, 07 59 23.5 0.0, ARG, Bodrum, 1.58 17, Pn, Pp, 07 59 44.5 +0.5, ARG, Sivas, 1.66 252, Pn, Pp, 07 59 24.9 -0.1, ARG, Sivas, 1.66 252, Pn, Pp, 07 59 49.6 +3.0, ARG, Sivas, 1.66 252, Pn, Pp, 07 59 23.4 +0.9, ARG, Turunc, 1.73 44, Pn, Pp, 07 59 24.3 -0.7, ARG, Turunc, 1.73 44, Pn, Pp, 07 59 23.2 -0.1, ARG, Turunc, 1.73 44, Pn, Pp, 07 59 45.3 -0.2, ARG, Turunc, 1.73 44, Pn, Pp, 07 59 52.0, ARG, Turunc, 1.73 44, Pn, Pp, 08 00 01.0, ARG, Naxos Island, 1.91 325, Pn, Pp, 07 59 25.9 +0.1, ARG, Milas, 1.94 25, Pn, Pp, 07 59 27.6 -1.0, ARG, Yerkis, 2.02 38, Pn, Pp, 07 59 27.8 +0.4, ARG, Yerkis, 2.02 38, Pn, Pp, 07 59 27.7 +0.4, ARG, Yerkis, 2.02 38, Pn, Pp, 07 59 33.7 +0.9, ARG, Yerkis, 2.02 38, Pn, Pp, 08 00 05.0, ARG, Yerkis, 2.02 38, Pn, Pp, 08 00 21.0, ARG, Varnos, 2.08 267, Pn, Pp, 07 59 31.1 +0.2, ARG, Varnos, 2.08 267, Pn, Pp, 07 59 27.0 -0.2, ARG, Mugla, Merkez, 2.13 36, S, Sb, 07 59 29.4 +0.4, ARG, Mugla, Merkez, 2.13 36, S, Sb, 07 59 58.2 -0.4, ARG, Mugla, Merkez, 2.13 36, S, Sb, 08 00 07.0, ARG, Samos, 2.16 2, P, Pn, 07 59 29.2 -0.1, ARG, Samos, 2.16 2, P, Pn, 07 59 28.6 -0.7, ARG, G?zelicami?, 2.19 10, Pn, Pp, 07 59 30.9 +1.2, ARG, G?zelicami?, 2.19 10, Pn, Pp, 07 59 34.0 -1.1, ARG, G?zelicami?, 2.19 10, Pn, Pp, 08 00 06.7 +3.3, ARG, G?zelicami?, 2.19 10, Pn, Pp, 08 00 18.0, ARG, Mula-Dalaman, 2.21 54, P, Pn, 07 59 31.4 +1.4, ARG, Mula-Dalaman, 2.21 54, P, Pn, 08 00 00.6 -0.1, ARG, Mula-Dalaman, 2.21 54, P, Pn, 08 00 13.0, ARG, Mula-Dalaman, 2.21 54, P, Pn, 08 00 15.0, ARG, Agia Marina, M, 2.21 302, P, Pn, 07 59 30.1 +0.1, ARG, Gavidhos, 2.28 253, Pn, Pp, 07 59 31.9 +0.9, ARG, Tasuluk, 2.33 23, S, Sb, 07 59 33.0 -1.9, ARG, Tasuluk, 2.33 23, S, Sb, 08 00 01.7 -1.7, ARG, Tasuluk, 2.33 23, S, Sb, 08 00 33.0, ARG, Kas, 2.43 73, Pn, Pp, 07 59 34.1 +1.0, ARG, Kas, 2.43 73, Pn, Pp, 07 59 34.0 +0.3, ARG, Kas, 2.43 73, Pn, Pp, 08 00 03.8 +0.9, ARG, Kas, 2.43 73, Pn, Pp, 08 00 19.0, ARG, Kas, 2.43 73, Pn, Pp, 08 00 24.0, ARG, Camel-Denizli, 2.50 55, Pn, Pn, 07 59 35.4 +1.3, ARG, zmir, 2.51 3, P, Sg, 07 59 33.5 -0.5, ARG, zmir, 2.51 3, P, Sg, 08 00 19.0 +5.4, ARG, zmir, 2.51 3, P, Sg, 08 00 22.0, ARG, zmir, 2.51 3, P, Sg, 08 00 22.0, ARG, Zeytinokoy-Aydi, 2.57 21, Pn, Pn, 07 59 36.3 +1.3, ARG, Aydn-Nazilli, 2.59 29, Pn, Pp, 07 59 36.2 +0.9, ARG, Aydn-Nazilli, 2.59 29, Pn, Pp, 08 00 32.0, ARG, Aydn-Nazilli, 2.59 29, Pn, Pp, 08 00 32.0, ARG, Demizli_Tavas, 2.60 42, P, Pn, 07 59 36.8 +1.5, ARG, Demizli_Tavas, 2.60 42, P, Pn, 08 00 08.6 +1.5, ARG, Demizli_Tavas, 2.60 42, P, Pn, 08 00 18.0, ARG, Mula-Seydikte, 2.63 60, P, S, 07 59 37.1 +1.2, ARG, Mula-Seydikte, 2.63 60, P, S, 08 00 32.0 -3.4, ARG, Mula-Seydikte, 2.63 60, P, S, 08 00 32.0, ARG, Antikythira Is, 2.82 278, P, Pn, 07 59 38.1 -0.2, ARG, Acipayam-Deniz, 2.82 46, Pn, Pp, 07 59 38.9 +1.4, ARG, Elmal, 2.83 64, Pn, Pp, 07 59 39.1 +0.9, ARG, Elmal, 2.83 64, Pn, Pp, 07 59 39.5 +0.9, ARG, Elmal, 2.83 64, Pn, Pp, 08 00 26.0, ARG, Elmal, 2.83 64, Pn, Pp, 08 00 27.9 +3.8, ARG, Elmal, 2.83 64, Pn, Pp, 08 01 01.0, ARG, Chios island, 2.89 349, Pn, Pp, 07 59 39.3 -0.1, ARG, Chios island, 2.89 349, Pn, Pp, 07 59 38.4 -1.0, ARG, Odemis-izmir, 2.93 21, Pn, Pp, 07 59 41.5 +1.6, ARG, zmir-Kiraz, 2.96 26, Pn, Pp, 07 59 42.4 +2.0, ARG, zmir-Kiraz, 2.96 26, Pn, Pp, 08 01 14.0 -1.8, ARG, zmir-Kiraz, 2.96 26, Pn, Pp, 08 01 10.0, ARG, Antalya-Kumlucluk, 3.03 74, P, Pn, 07 59 39.6 -1.6, ARG, Antalya-Kumlucluk, 3.03 74, P, Pn, 08 00 16.0 -1.5, ARG, Antalya-Kumlucluk, 3.03 74, P, Pn, 08 00 24.0, ARG, Antalya-Kumlucluk, 3.03 74, P, Pn, 08 00 31.0, ARG, Denizli-Bozkur, 3.14 46, P, S, 07 59 44.6 +1.8, ARG, Denizli-Bozkur, 3.14 46, P, S, 08 00 22.2 +1.6, ARG, Denizli-Bozkur, 3.14 46, P, S, 08 00 37.0

Table with columns: INCE, KORT, KORKUELLI, 3.26 62, Pn, P, 07 59 46.0 +1.5, comp=N, 45nm, 1.1s, IAML, 08 00 47.0, KORT, KORKUELLI, 3.26 62, Pn, P, 07 59 42.7 +2.7, KORT, KORKUELLI, 3.26 62, Pn, P, 07 59 22.8 -0.8, comp=E, 48nm, 0.7s, IAML, 08 00 49.0, KORT, KORKUELLI, 3.26 62, Pn, P, 08 01 07.0, MANT, Manisa, 3.28 26, P, Pn, 07 59 45.6 +0.6, MANT, Manisa, 3.28 26, P, Pn, 08 00 21.0 -3.1, MANT, Manisa, 3.28 26, P, Pn, 08 00 48.0, comp=N, 16nm, 0.3s, IAML, 08 00 49.0, MANT, Manisa, 3.28 26, P, Pn, 08 00 49.0, VLI, Velia, 3.29 292, P, Pn, 07 59 45.3 +0.4, VLI, Velia, 3.29 292, P, Pn, 07 59 46.0 +1.1, VLI, Velia, 3.29 292, P, Pn, 07 59 47.3 +1.7, VLI, Velia, 3.29 292, P, Pn, 07 59 47.0 +1.4, VLI, Velia, 3.29 292, P, Pn, 08 00 31.0, KULA, Kula-Manisa, 3.34 27, Pn, P, 07 59 47.0 +1.4, KULA, Kula-Manisa, 3.34 27, Pn, P, 08 00 31.0, KULA, Kula-Manisa, 3.34 27, Pn, P, 08 00 31.0, comp=N, 15nm, 0.6s, IAML, 08 00 50.0, KULA, Kula-Manisa, 3.34 27, Pn, P, 08 00 50.0, BRDR, BURDUR-Merkez, 3.43 50, P, Pn, 07 59 49.3 +2.5, BRDR, BURDUR-Merkez, 3.43 50, P, Pn, 08 00 46.4 +3.2, BRDR, BURDUR-Merkez, 3.43 50, P, Pn, 08 00 53.0, comp=E, 38nm, 1.0s, IAML, 08 00 59.0, BRDR, BURDUR-Merkez, 3.43 50, P, Pn, 08 00 59.0, USAK, Uak-Merkez, 3.65 29, P, Pn, 07 59 51.3 +1.5, USAK, Uak-Merkez, 3.65 29, P, Pn, 08 00 29.7 -3.4, USAK, Uak-Merkez, 3.65 29, P, Pn, 08 00 30.0, comp=N, 11nm, 1.6s, IAML, 08 01 06.4, USAK, Uak-Merkez, 3.65 29, P, Pn, 08 01 06.4, comp=E, 12nm, 1.0s, IAML, 08 00 34.3 +0.1, BR106, Keskin Array S, 6.88 50, P, Pn, 08 00 34.3 +0.1, BR106, Keskin Array S, 6.88 50, P, Pn, 08 00 36.7 +2.3, BR106, Keskin Array S, 6.88 50, P, Pn, 08 00 36.7 +2.3, comp=N, 0.5m, 0.8s, IAML, 08 01 58.0 0.0, KMPD, K-Podolskiy, 13.01 359, P, Pn, 08 01 58.0 0.0, KWP, Kalarwa Pacla, 14.38 349, P, Pn, 08 02 15.6 -1.2, KWP, Kalarwa Pacla, 14.38 349, P, Pn, 08 02 15.6 -1.2, LUBAR, Lubar, Ukraine, 14.39 3, P, Pn, 08 02 16.4 -0.5, GNI, Gari, 14.94 67, P, Pn, 08 02 23.8 -0.8, AK07, Malin Array Si, 15.11 6, P, Pn, 08 02 26.0 -0.6, AK17, Malin Array Si, 15.23 6, P, Pn, 08 02 27.8 -0.4, AKAS, Malin Array Be, 15.26 6, Pn, Pn, 08 02 30.7 +2.1, comp=N, 0.3s, baz=196, slow=12, SNR=7.0, IAML, 08 02 28.3 -0.4, AKB5, Malin Array Si, 15.25 6, P, Pn, 08 02 28.5 -0.4, AK20, Malin Array Si, 15.28 5, P, Pn, 08 02 29.1 -0.3, AK21, Malin Array Si, 15.32 6, P, Pn, 08 02 29.9 -0.5, MI28, Mi28, Pidylybu, 15.39 2, P, Pn, 08 02 35.1 -0.5, RNP88, Varash, 15.80 358, P, Pn, 08 02 46.0 -0.3, GERES, GERES Array B, 16.40 328, Pn, Pn, 08 02 46.0 -0.3, comp=N, 0.8m, 0.6s, IAML, 08 03 09.6 -0.9, CLL, Collim, 18.60 332, P, Pn, 08 03 09.6 -0.9, comp=N, 0.4m, 0.6s, IAML, 08 04 12.8 -0.9, ESDD, Eskadmir Array, 24.61 289, P, Pn, 08 04 12.8 -0.9, comp=N, 0.4m, 0.6s, IAML, 08 04 50.4 +2.0, EKA, Eskadmir Array, 24.61 289, P, Pn, 08 04 50.4 +2.0, comp=N, 0.9s, baz=126, slow=9.5, SNR=1.6, IAML, 08 05 16.8 -0.7, TORD, Torodi Ar. Bea, 31.73 232, P, Pn, 08 05 16.8 -0.7, comp=N, 0.2m, 0.3s, baz=34, slow=8.9, SNR=1.3, IAML, 08 25 39.1, AAK, Ala-Archa, 37.33 64, LR, LR, 08 25 39.1, MKAR, Makanchi Array, 42.48 57, P, Pn, 08 06 48.4 -0.2, comp=N, 0.3m, 0.5s, baz=272, slow=7.9, SNR=9.4, IAML, 08 47 05.6, KRSR, Kores Array, 77.02 53, LR, LR, 08 47 05.6, IDC 07 08 08 02 4.1.4.14.72Sx168.06E, h0km, mb4.0/6, mbmp4.0/7, ML4.2/1, MS3.2/1, Error ellipse: s-maj=42.3km, s-min=27.2km, az=122.0, h12km, g9km, ML1.8/5, ISC 07 08 07 7.1.4.14.8RS.0:161.8E.0:3, h35km, n8, s=15067, mb3.75, Vanuatu Islands, Code Station Name Az AzZ Phase ID Time Res h m s ISC, DZM, Mont Dzumac, 7.37 192, Op, ISC, 08 09 52.8 -0.2, DZM, Mont Dzumac, 7.37 192, Op, ISC, 08 11 14.9 -0.7, CTA, Charters Tower, 21.45 253, LR, LR, 08 20 11.4, STKA, Stephens Creek, 29.52 230, P, Pn, 08 14 10.6 +1.5, WRA, Warramunga Arr, 32.55 256, P, Pn, 08 14 34.9 -1.0, ASAR, Alice Springs, 33.36 249, P, Pn, 08 14 42.4 -0.6, GSPA, South Pole Qui, 75.21 180, P, Pn, 08 19 47.2 +0.5, ILAR, Eileison Array, 86.38 18, P, Pn, 08 20 45.5 -0.4, MKAR, Makanchi Array, 97.80 316, P, Pdf, 08 21 40.0 +0.5, SOF 07 08 31:37.2, 41.45N:0:02:23.45E:0:01, h11km, i1km, MD2.5/5, SKO 07 08 31:38.7, 41.50N:23.46E, h0km, ML 1.5, BEI 07 08 31:39.8, 41.41N:23.36E, h0km, ML 1.8/5, ISC 07 08 31:37.5, 41.41N:0:03:23.46E:0:04, h12km, g9km, n13, c=43/24, Greece-Bulgaria border region, Code Station Name Az AzZ Phase ID Time Res h m s ISC, MMB, Musomishta, 0.24 66, Op, ISC, 08 31 42.6 0.0, MMB, Musomishta, 0.24 66, Op, ISC, 08 31 45.9 -0.2, SRR, Serrai, 0.35 163, Op, Sg, 08 31 45.1 -0.7, SRR, Serrai, 0.35 163, Op, Sg, 08 31 51.0 -0.1, KKB, Krupnik, 0.46 328, Op, Pp, 08 31 46.6 -0.1, KKB, Krupnik, 0.46 328, Op, Pp, 08 31 52.8 -0.1, VAL, Valandovo, 0.68 259, Op, Pp, 08 31 52.9 0.0, VAL, Valandovo, 0.68 259, Op, Pp, 08 32 01.2 +0.6, VAL, Valandovo, 0.68 259, Op, Pp, 08 32 01.4, RZN, Rezen, 0.99 75, Op, Pp, 08 31 56.7 -0.1, PLNA, Plana, 1.03 359, Op, Pp, 08 31 57.7 -0.2, PLNA, Plana, 1.03 359, Op, Pp, 08 32 10.9 +0.1, VTS, Vitosh, 1.18 352, Op, Pp, 08 31 59.6 -0.3, VTS, Vitosh, 1.18 352, Op, Pp, 08 31 59.4 -0.5, PLO, Plovdiv, 1.19 54, Op, Pp, 08 32 14.5 -0.7, PLO, Plovdiv, 1.19 54, Op, Pp, 08 32 15.1 +0.7, BOSS, Bosilegrad, 1.27 325, Op, Pp, 08 32 16.0 -0.1, BOSS, Bosilegrad, 1.27 325, Op, Pp, 08 32 01.4 -0.1, BOSS, Bosilegrad, 1.27 325, Op, Pp, 08 32 17.9 -0.3, BLSH, Balsha, 1.41 355, Op, Pp, 08 32 04.5 -0.2, BLSH, Balsha, 1.41 355, Op, Pp, 08 32 23.7 +0.7, BARS, Barje, 1.83 319, Op, Pp, 08 32 10.5 -0.5, ZAPS, Zavoj, 1.92 342, Op, Pp, 08 32 31.7 +0.6, ZAPS, Zavoj, 1.92 342, Op, Pp, 08 32 39.6 +0.2, IDC 07 08 32:23.5, 2.3, 20.19Sx177.80W, h525km, 23km, mb3.1/7, mbmp4.0/9, Error ellipse: s-maj=27.0km, s-min=23.0km, ISC 07 08 32:25.1, 2.0, 20.1S:0:2:177.9W:0.2, h550km, n10, s=1531/11, mb3.6/7, Fiji Islands region, Code Station Name Az AzZ Phase ID Time Res h m s ISC, MSVF, Nonsavu, 4.54 301, P, Pn, 08 33 49.3 -2.0, URZ, Urewera, 18.59 192, P, Pn, 08 36 05.5 -2.7

Table with columns: STKA, Stephens Creek, 38.06 244, P, Pn, 08 38 58.1 +0.9, ASAR, Alice Springs, 44.72 256, P, Pn, 08 39 50.2 +0.2, ASAR, Alice Springs, 44.72 256, P, Pn, 08 41 21.9 +1.3, WRA, Warramunga Arr, 44.77 262, P, Pn, 08 39 50.4 0.0, FITZ, Fitzroy Crossi, 53.20 262, P, Pn, 08 40 53.5 +0.9, NWA0, Narrogin (SRO), 58.64 243, P, Pn, 08 41 30.6 +0.4, GSPA, South Pole Qui, 69.94 180, P, Pn, 08 42 42.0 +0.8, ILAR, Eileison Array, 87.92 13, P, Pn, 08 44 17.0 +0.9, AKAS, Malin Array Be, 142.75 31, PKP, PKP, 08 50 54.3 -1.6, IDC 07 08 41:18.5, 1.0, 11.16Sx117.61E, h0km, mb4.0/7, mbmp4.0/10, ML4.1/3, MS2.7/1, Error ellipse: s-maj=45.7km, s-min=18.0km, az=61.0, DJA 07 08 41:21.0, 1.7, 12.3Sx117.7E, h22km, 15km, M4.9/23, M4.7/19, mB5.6/10, MLv4.8/23, Mw(mB)5.1/10, ISC 07 08 41:21.8, 1.0, 11.54S:0:06:117.61E:0:06, h34km, n34, s=230/33, mb4.0/7, South of Sumbawa, Code Station Name Az AzZ Phase ID Time Res h m s ISC, WBSI, Waikabubak, Su, 2.58 43, Op, ISC, 08 42 02.7 +1.5, PLAI, Plampang, 2.70 4, P, Pn, 08 42 03.1 +0.2, TWSI, Taliwang, Sumb, 2.88 346, P, Pn, 08 42 04.7 -0.6, BASH, Baitan, Sumba, 3.10 13, P, Pn, 08 42 09.5 +1.2, WSI, Waingapu, 3.23 55, P, Pn, 08 42 10.5 +0.1, IGBI, Denpasar, 3.63 318, P, Pn, 08 42 14.3 -1.4, KHKI, Kahang-Kahang, 3.72 328, P, Pn, 08 42 17.7 +0.8, RTBI, Rangob, Negare, 4.03 319, P, Pn, 08 42 20.2 -1.0, JAGI, Jaling, Banyuw, 4.16 319, P, Pn, 08 42 26.3 -2.3, MMRI, Maumere, 5.40 58, P, Pn, 08 42 40.9 +1.0, BSSI, Bau Bau, Buton, 6.07 28, P, Pn, 08 42 50.1 +1.8, SOEI, Sombu, 6.78 75, P, Pn, 08 43 01.8 +2.7, KAPI, Kappang, 6.82 18, Pn, Pn, 08 43 00.9 +1.3, KAPI, Kappang, 6.82 18, Pn, Pn, 08 44 11.3 -4.8, KAPI, Kappang, 6.82 18, Pn, Pn, 08 43 01.4 +1.9, SNJI, Sawahan-Nganju, 6.87 302, P, Pn, 08 43 00.0 -0.3, SPSI, Sidrap Palu, 7.83 16, P, Pn, 08 43 15.3 +2.0, UMSI, Wanagana, 7.86 297, P, Pn, 08 43 14.2 +0.4, PMSI, Majene, 8.09 9, P, Pn, 08 43 19.1 +2.1, MMSI, Mamuju, 8.89 8, P, Pn, 08 43 29.9 +2.0, KPUI, Karang Pucung, 9.53 295, P, Pn, 08 43 36.2 -0.4, FITZ, Fitzroy Crossi, 10.14 313, Pn, Pn, 08 43 47.1 +2.1, FITZ, Fitzroy Crossi, 10.14 313, Pn, Pn, 08 45 33.2 -4.4, FITZ, Fitzroy Crossi, 10.14 313, Pn, Pn, 08 47 30.2, WRA, Warramunga Arr, 18.13 119, P, Pn, 08 45 33.7 +2.6, WRA, Warramunga Arr, 18.13 119, P, Pn, 08 48 43.0 -1.0, MWPI, Manolanyi, Pap, 19.42 58, P, Pn, 08 45 46.6 +1.2, PPSI, Pulau Pagai, 19.50 295, P, Pn, 08 45 46.2 -1.5, ASAR, Alice Springs, 19.64 310, P, Pn, 08 45 51.9 +2.6, ASAR, Alice Springs, 19.64 310, P, Pn, 08 49 23.1 -4.5, NWA0, Narrogin (SRO), 21.29 181, P, Pn, 08 46 11.5 +6.0, NWA0, Narrogin (SRO), 21.29 181, P, Pn, 08 49 55.8 -4.4, LHMI, Lake Samawe, 25.46 308, P, Pn, 08 46 55.5 -0.4, SONM, Sonmou Array, 59.95 351, P, Pn, 08 51 24.7 0.0, MKAR, Makanchi Array, 66.11 334, P, Pn, 08 52 04.4 -1.2, KURBB, Kurchatov Arra, 70.65 335, P, Pn, 08 52 33.9 +0.1, ZALV, Zalesovo Beam, 70.93 340, P, Pn, 08 52 34.9 -0.6, PETK, Petropavlovsk, 72.94 24, P, Pn, 08 52 48.6 +1.0, BVAR, Borovoye Array, 75.90 333, P, Pn, 08 53 05.1 +0.3, IDC 07 08 43:18.2, 1.6, 23.17Sx70.19E, h0km, mb3.8/5, mbmp3.8/5, Error ellipse: s-maj=55.6km, s-min=27.9km, az=24.0, Mid-Indian Ridge, Code Station Name Az AzZ Phase ID Time Res h m s ISC, H08S1, Diego Garcia H, 15.59 8, T, T, 09 03 32.2, H08S2, Diego Garcia H, 15.60 9, T, T, 09 03 33.3, H08S3, Diego Garcia H, 15.61 8, T, T, 09 03 34.0, OPO, Ambohitrampoto, 21.97 278, P, Pn, 08 48 14.2 +0.2, H04N2, CROZET ISLANDS, 27.35 209, T, T, 09 16 41.6, H04N1, CROZET ISLANDS, 27.35 209, T, T, 09 16 42.5, H04N3, CROZET ISLANDS, 27.36 209, T, T, 09 16 44.4, H01W2, Cape Leeuwin H, 39.87 117, T, T, 09 33 46.4, H01W3, Cape Leeuwin H, 39.87 117, T, T, 09 33 37.1, H01W1, Cape Leeuwin H, 39.88 117, T, T, 09 33 42.2, ASAR, Alice Springs, 58.00 104, P, Pn, 08 53 13.7 +0.5, WRA, Warramunga Arr, 59.32 100, P, Pn, 08 53 21.8 -0.6, MKAR, Makanchi Array, 70.49 9, P, Pn, 08 54 34.6 +0.5, KURBB, Kurchatov Arra, 73.84 6, P, Pn, 08 54 54.0 -0.4, IDC 07 08 53:47.6, 2.9, 18.34Sx176.39W, h0km, mb3.6/3, mbmp3.6/3, Error ellipse: s-maj=31.7km, s-min=24.4km, az=159.0, Fiji Islands region, Code Station Name Az AzZ Phase ID Time Res h m s ISC, WRA, Warramunga Arr, 46.44 260, P, Pn, 09 02 15.7 -0.9, ASAR, Alice Springs, 46.52 255, P, Pn, 09 02 17.8 +0.5

1.7nm,0.5s,baz=89,slow=7.8,SNR=53
TXAR Lajitas Array 84.61 57 P
0.1nm,0.5s,baz=239,slow=5.0,SNR=2.6

HEL 07 08:55:52.9:0.1,67.18N:20:65E,h1km,ML2.2,
ML3.1(UPP),ML2.5(BER),Confirmed Induced event
UPP 07 08:55:52.0:0.0,67.19N:20:64E,h0km,ML2.1,Confirmed
Induced event
IDC 07 08:55:52.5:0.7,67.14N:20:94E,h0km,mbtmp3.5/6,
bz=112.0
DNK 07 08:55:52.5:2.2,67.19N:20:62E,h0km,ML3.1(UPP),
Suspected explosion
NAO 07 08:55:53.0:0.3,67.18N:20:71E,ML3.1,
BER 07 08:55:54.3:4.1,67.16N:20:78E,h0km,ML2.5,
ML3.1(NAO),Confirmed Induced event
ISC 07 08:55:50.7:0.6,67.18N:01:20.77E,0.01,h0km,n101,
c1941/184,17D,Sweden

Table with columns: Code, Station Name, Az, Phase ID, Time Res, h m s, ISC. Lists various stations like DUNDRET, MASUGNSBYN, KURRAVAARA, etc.

Table with columns: TRO Tromso, GILDE Gildeskaal, MORH Moi Rana, LOF Lofoten, ARAO ARCESS Array S, OUL Oulu, FIAO FINESS Array S, NB2 NORARS Subarra, NOA NOARS Subarra, NRAO NORESS Array S, NFAO NORESS Array S, HFS Hagfors, SPAO Spitsbergen Ar, AKASO Malin Array B, NEIC 07 08:56:16.9:0.9,41.13N:01:115:96W, REN 07 08:56:17.4:2.6,41.20N:01:115:97W, ISC 07 08:56:18.2:0.8,41.18N:01:115:93W, CODE Station Name, ELK Elko, BGU Big Grassy Mou, MFID Camas Ranch, WVOR Wild Horse Val, FSV Fish Springs, HVU Hansel Valley.

Table with columns: Q09A Carvers, DUG Dugway, SPUT South Promont, HLID Hailey, KVN Kaiserville, J08A Circle Bar Ran, PAHR Pah Rah Range, PSUT Pine Spring, CTU Camp Tracy, TPH Tonopah, NVAR Mina Array Be, HWUT Hardware Ranch, PEAR Peavine Moun, LPU Maple Canyon, MHV Little Huntton, BEKR Beckworth, MPK Maris Peak, TCRU Three Creeks R, WAKR Walker, DONR Donner Summit, K05A Summer Lake, CCUT Cedar City, HATO Hat Creek Radi, SZCU Shurtz Canyon, TPNV Topopah Spring, MTPU Mount Pierson, MCMT McKenzie Canyo, Q16A Castle Valley, P17A Butcher Ranch, ICU Indian Springs, FXWY Fox Creek, WCT Wildcat Moun, WCT Wildcat Moun, J05D Fort Rock, SDH Striped Hills, CMB Columbia Colle, AMDN Amargosa, KNB Kanab, PDAR Pinedale Array, YBH Yreka Blue Hor, NEW Newport, PFO Pinyon Flats, ANMO Albuquerque, TXAR Lajitas Array, YKA Yellowknife Ar, LPAZ L Pag, KRSC 07 09:00:01.8:1.0,56.94N:163:07E,h44km,13km,Mc5.2, IDC 07 09:00:01.8:0.4,56.71N:162:79E,h0km,mb4.1/44, BJJ 07 09:00:02.6:56.82N:163:35E,h30km,mb4.4/8,mb4.5/18.

M4.4/1.1, Ms7.4/2.9
NEIC 07 09:00:04.3r.1.1, 56:87N, 162:83E, h42km, 1.4km
mb4.5/27, Error ellipse: s-maj=13.7km s-min=12.4km
az=189.0

MOS 07 09:00:05.6:1.1, 56:85N, 162:83E, h42km, 1.4km, 6/14,
MS3.7/6, Error ellipse: s-maj=8.1km s-min=3.6km az=71.8
ISC 07 09:00:05.7:0.6, 56:90N, 162:87E, 0.03, h24km, 4km,
n496, c1952/487, mb4.4/67, MS3.8/52, 15C-5D, Near east
coast of Kamchatka Peninsula

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

Table with columns: BILL, BILBINO, TYV, ATKA, SPIA, YSS, TNA, GRNR, F14K, K13K, ANM, YAK, YAK, YAK, YAK, YAK, UNV, F15K, F15K, J14K, G15K, M13K, ASAJ, ASAJ, L14K, L14K, L14K, C16K, C16K, M14K, M14K, H16K, G16K, K15K, K15K, L15K, N14K, D17K, FALS, O14K, I17K, J16K, M15K, C17K, E17K, F17K, G17K, N15K, N15K, H17K, L16K, E18K, E18K, O15K, J17K, J17K, C18K, F18K, M16K, N16K, K17K, K17K, L17K, G18K. Lists seismic events with magnitude, time, and station data.

Table with columns: H18K, SDPT, ZEA, ZEA, ZEA, A19K, TIXI, TIXI, TIXI, TIXI, O16K, C19K, C19K, S14K, M17K, M17K, M17K, F19K, P16K, GCSA, N17K, G19K, D19K, L18K, E19K, O17K, CHNA, H19K, R16K, J19K, M18K, P17K, Q16K, N18K, D20K, F20K, E20K, B20K, H20K, L19K, I20K, R17L, HEH, HEH, HEH, HEH, HEH, K15K, O18K, Q17K, J20K, P18K, K20K, K20K, N19K, C21K, Q18K, O19K, G21K, E21K, F21K, H21K, M20K, A22K, CHIR, CHUM, Q19K, I21K, PPLA, CAST, P19K, E22K, G22K, O20K, USRK, H22K, SII, SKT, MLY, OHAK, L22K. Lists seismic events with magnitude, time, and station data.

7d 9h

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like D23K Nanushuk River, G23K Bananza Creek, etc.

2020 JUN

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like L27K Beaver Creek, CRQE Cirque, F28M Old Crow, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like HHC comp=Z,220nm,17.6s, HHC comp=Z,190nm,16.0s, etc.

7d 10h

Table with columns for call sign, name, frequency, and status. Includes stations like FCC Fort Churchill, NLWA Neilton Lookout, MACI Morro de la Ar, etc.

2020 JUN

Table with columns for call sign, name, frequency, and status. Includes stations like PCVE Monteror, R33M Jennings River, PVAQ Vaqueiros, etc.

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Table with columns for call sign, name, frequency, and status. Includes stations like BORG Borgarnes, N30M Aishnik Lake, O29M Mott Kennedy, etc.

BMRM	Bremner River	82.84	333	P	P	10 43 30.7 +0.7
TROLL	Troll, Antarti	82.97	162	J	P	10 43 31.0 +0.4
TROLL	comp=Z,92nm,0.8s				PKKPKb	11 01 52.1 -3.7
WIM	Isle of Man	82.98	34	eP	P	10 43 31.6 +0.8
N25K	Chitina, Valde	83.08	334	P	P	10 43 31.8 +0.5
L26K	Log Cabin Wild	83.08	335	P	P	10 43 31.8 +0.6
Q23K	Middleton Isla	83.11	331	P	P	10 43 31.7 +0.4
GAL1	Galloyay	83.17	34	eP	Iamb	10 43 32.3 +0.6
GAL1	comp=Z,40nm,0.9s				Iamb	10 43 34.1
MENT	Mentasta	83.20	335	P	P	10 43 31.9 +0.1
LAW6	Loch Awe, Argy	83.21	332	eP	Iamb	10 43 32.4 +0.5
LAW6	comp=Z,20nm,0.9s				Iamb	10 43 33.7
EYAK	Cordova Ski Ar	83.22	332	P	P	10 43 32.6 +0.8
EYAK	Cordova Ski Ar	83.22	332	P	P	10 43 32.3 +0.5
MCH1	Michaechurch	83.36	37	eP	Iamb	10 43 32.5 -0.3
MCH1	comp=Z,25nm,0.7s				Iamb	10 43 34.0
E29M	Blow River	83.39	341	P	P	10 43 33.0 +0.4
KPL	Plockton	83.41	31	eP	Iamb	10 43 33.4 +0.5
KPL	comp=Z,68nm,0.8s				Iamb	10 43 34.6
I27K	Kandik River	83.44	338	P	P	10 43 33.3 +0.3
MONM	Monmouth	83.44	37	eP	Iamb	10 43 33.9 +0.7
MONM	comp=Z,29nm,0.8s				Iamb	10 43 34.7
FOEL	Foel Wyifa	83.48	36	eP	Iamb	10 43 33.9 +0.5
FOEL	comp=Z,37nm,0.9s				Iamb	10 43 35.1
EPF	Esparras	83.49	46	eP	P	10 43 34.1 +0.3
EPF	comp=Z,143nm,1.4s				Pmax	
NEWG	New Galloyay	83.51	34	eP	Iamb	10 43 34.1 +0.7
NEWG	comp=Z,55nm,0.9s				Iamb	10 43 35.4
HLM1	Long Mynd	83.57	36	eP	Iamb	10 43 34.4 +0.5
HLM1	comp=Z,36nm,0.9s				Iamb	10 43 35.7
HARP	HAARP	83.61	334	P	P	10 43 34.4 +0.5
H27K	Steamboat Moun	83.67	338	P	P	10 43 34.3 +0.2
F28M	Old Crow	83.69	340	P	P	10 43 34.1 0.0
SCRK	Sand Creek	83.71	336	P	P	10 43 34.9 +0.4
EAB	Aberfoyle	83.75	32	eP	Iamb	10 43 34.9 +0.2
EAB	comp=Z,37nm,0.9s				Iamb	10 43 36.4
P23K	Montague Islan	83.80	332	P	P	10 43 34.8 0.0
GRR	Gorron	83.82	41	eP	Pmax	10 43 34.9 -0.3
GRR	comp=Z,192nm,1.2s				Pmax	
MFF	Saint Martin d	83.90	42	P	Pmax	10 43 36.5 +0.9
MFF	comp=Z,30nm,1.2s				Pmax	
GLI	Glacier Island	83.95	332	P	P	10 43 35.3 -0.4
PAX	Paxson	83.95	335	P	P	10 43 35.7 0.0
G27K	Doyon Strip	83.96	339	P	P	10 43 35.4 -0.2
RIDG	Independent Ri	83.97	336	P	Iamb	10 43 36.5 +0.8
RIDG	comp=Z,126nm,1.0s				Iamb	10 43 37.5
RIDG	Independent Ri	83.97	336	P	P	10 43 36.1 +0.4
INVG	Invergelde, C	83.98	32	eP	Iamb	10 43 36.3 +0.4
INVG	comp=Z,20nm,0.9s				Iamb	10 43 37.5
E28M	Babbage River	84.02	341	P	P	10 43 35.6 -0.3
D28M	Stokes Point	84.11	342	P	P	10 43 36.1 -0.1
ESK	Eskdalemuir	84.13	33	eP	Iamb	10 43 37.0 +0.4
ESK	comp=Z,30nm,0.9s				Iamb	10 43 38.4
ESK	Eskdalemuir	84.13	33	eP	Iamb	10 43 37.6 +1.0
FLN	La Foliniere	84.14	40	eP	Pmax	10 43 36.7 -0.1
EKA	Eskdalemuir Ar	84.16	33	P	P	10 43 36.6 -0.1
EKA	comp=Z,37nm,0.9s, baz=240,slow=5.6,SNR=34				LR	11 20 08.1
LFF	La Frestale	84.16	44	eP	Pmax	10 43 36.8 -0.2
LFF	comp=Z,43nm,19.4s, baz=198,slow=35				Pmax	
LDF	La Druitiere	84.34	41	eP	Pmax	10 43 37.6 -0.3
LDF	comp=Z,169nm,1.0s				Pmax	
SCM	Sheep Creek Mo	84.37	333	P	P	10 43 38.2 +0.4
LBWR	Ladybowyer, Pea	84.47	36	eP	Iamb	10 43 39.4 +1.0
LBWR	comp=Z,56nm,0.8s				Iamb	10 43 40.6
J25K	Salcha River	84.51	336	P	P	10 43 38.7 +0.2
E27K	Coleen River	84.53	340	P	P	10 43 38.7 +0.3
M23K	Glacier View	84.54	333	P	P	10 43 38.9 +0.3
CWF	Charnwood Fore	84.55	36	eP	Iamb	10 43 39.0 +0.2
CWF	comp=Z,17nm,0.9s				Iamb	10 43 40.8
TAM	Tamanrasset	84.64	67	P	Iamb	10 43 40.8 +0.7
TAM	comp=Z,106nm,0.9s				Iamb	10 43 42.6
TAM	Tamanrasset	84.64	67	P	Pmax	10 43 40.8 +0.7
TAM	comp=Z,106nm,0.9s				Pmax	
TAM	Tamanrasset	84.64	67	P	P	10 43 41.1 +1.3
EDMD	Edmundbyers	84.69	34	eP	Iamb	10 43 40.2 +0.7
EDMD	comp=Z,28nm,0.9s				Iamb	10 43 41.4
MCD	Coleburn Disti	84.72	31	eP	Iamb	10 43 40.1 +0.6
MCD	comp=Z,52nm,0.8s				Iamb	10 43 41.4
KNK	Knik Glacier	84.75	333	P	P	10 43 39.9 +0.3
RJF	Les Rejaudoux	84.77	44	eP	Pmax	10 43 39.8 -0.3
D27M	Malcolm River	84.77	341	P	P	10 43 40.1 +0.5
G26K	Porcupine Rive	84.79	339	P	P	10 43 39.8 +0.1
WAT6	Susitna Watana	84.80	334	P	P	10 43 40.2 +0.2
DHY	Denali Highway	84.81	334	P	P	10 43 39.9 -0.2
SEW	Seward	84.81	331	P	P	10 43 39.8 -0.1
SML	Sawmill	84.81	333	P	P	10 43 40.1 +0.1
PRP	Porcupine DOME	84.90	337	P	P	10 43 40.5 0.0
MTLF	Montoliu	84.90	46	eP	Pmax	10 43 41.6 +0.8
MTLF	comp=Z,103nm,1.6s				Pmax	
O22K	Cooper Landing	85.05	332	P	P	10 43 41.1 -0.1
HDA	Harding Lake	85.08	336	P	Iamb	10 43 40.8 -0.4
HDA	comp=Z,52nm,0.9s				Iamb	10 43 42.4
HDA	Harding Lake	85.08	336	P	P	10 43 41.0 -0.2
CAF	Calvica	85.08	44	eP	Pmax	10 43 41.4 -0.3
CAF	comp=Z,86nm,1.3s				Pmax	
PMR	Palmer	85.11	333	P	P	10 43 41.3 -0.1
PMR	comp=Z,108,SNR=16				P	10 43 41.6 +0.2

ILAR	Eielson Array	85.17	336	P	P	10 43 41.4 -0.3
ILAR	comp=Z,1.8nm,0.9s, baz=127,slow=3.5,SNR=151				P	10 44 06.2 -3.0
ILAR	comp=Z,6.7nm,1.0s, baz=85,slow=1.3,SNR=3.8				P	10 47 01.4 +0.9
ILAR	comp=Z,7.8nm,1.0s, baz=108,slow=6.6,SNR=8.8				PKKPKb	11 01 45.6 +3.2
ILAR	comp=Z,0.5nm,0.8s, baz=318,slow=3.6,SNR=5.5				LR	11 23 56.2
F26K	Sheenjek River	85.20	339	P	P	10 43 42.4 +0.6
WAT1	Susitna Watana	85.23	334	P	P	10 43 42.1 0.0
RC01	Rabbit Creek A	85.24	332	P	P	10 43 42.2 +0.1
DBG	Daneborg	85.30	13	P	Iamb	10 43 42.3 +0.2
DBG	comp=Z,54nm,1.1s				Iamb	10 43 44.1
BRSE	Bradley Lake S	85.33	331	P	P	10 43 42.8 +0.2
G25K	Bearman Lake	85.57	338	P	P	10 43 44.8 +1.2
COLA	College	85.60	336	P	P	10 43 43.7 0.0
COLA	comp=Z,29nm,0.9s				Pmax	10 43 43.4 -0.3
COLA	College	85.60	336	P	P	10 43 43.9 +0.2
M22K	Willow	85.61	333	P	P	10 43 44.0 +0.2
MCK	McKinley	85.68	335	P	P	10 43 44.5 +0.2
F25K	Christian Rive	85.70	339	P	P	10 43 45.1 +0.8
KDAK	Kodiak Island	85.74	329	LR	LR	11 23 36.6
KDAK	comp=Z,86nm,18.3s, baz=104,slow=37				P	10 43 43.7 -0.9
KDAK	Kodiak Island	85.74	329	P	Pmax	
KDAK	comp=Z,13nm,0.9s				Pmax	
KDAK	Kodiak Island	85.74	329	P	P	10 43 44.6 0.0
HOM	Homer	85.75	331	P	P	10 43 45.0 +0.4
ELMS	Elmest, Ipswi	85.78	37	eP	Iamb	10 43 45.7 +0.8
ELMS	comp=Z,95nm,0.9s				Iamb	10 43 47.3
CLF	Chambon-Forêt	85.78	41	P	P	10 43 45.9 +0.8
CLF	comp=Z,13nm,0.9s				P	10 44 15.4 +2.8
CAPN	Captain Cook N	85.81	332	P	P	10 43 45.8 +0.9
C27K	Jago River	85.82	341	P	P	10 43 45.7 -0.9
NVL	Nazarevskaya	85.85	161	eP	P	10 43 44.3 -0.6
NVL	comp=Z,55nm,0.7s				eP	10 44 14.8 +2.3
NVL	Chulitna	85.86	333	P	P	10 50 01.3 +0.6
NVL	comp=Z,13nm,0.9s				Pmax	
CUT	Chulitna	85.86	333	P	P	10 43 45.4 +0.3
E25K	Arctic Village	85.86	340	P	P	10 43 46.0 +1.0
BGF	Bois d'Agland	85.91	43	eP	Pmax	10 43 45.3 -0.5
BGF	comp=Z,76nm,1.2s				Pmax	
H24K	Noodor Dome	85.92	337	P	P	10 43 46.2 +0.7
OHAK	Old Harbor	85.98	328	P	P	10 43 46.3 +0.5
OHAK	comp=Z,107,SNR=17				P	10 43 45.9 +0.1
NEA2	Nenana	86.00	336	P	P	10 43 46.0 +0.2
G24K	Hadweenzic Riv	86.06	338	P	P	10 43 47.0 +1.0
QSPA	South Pole Qui	86.07	180	P	P	10 43 45.5 -0.8
QSPA	comp=Z,116nm,1.0s, baz=155,slow=2.3,SNR=147				P	10 44 10.5 -3.4
QSPA	comp=Z,44nm,1.2s, baz=178,slow=4.5,SNR=2.5				P	
QSPA	South Pole Qui	86.07	180	P	P	10 43 46.9 +0.6
L22K	Petersville	86.12	333	P	P	10 43 46.5 +0.1
TRF	Theodore Moun	86.17	334	P	P	10 43 47.0 +0.1
I23K	Minto, Yukon-K	86.29	336	P	P	10 43 47.6 +0.5
SII	Sitkinak Islan	86.30	327	P	P	10 43 47.7 +0.3
C26K	Camden Bay	86.31	341	P	P	10 43 48.3 +1.1
SKT	Skwentna	86.31	333	P	P	10 43 47.6 +0.2
O20K	Slope Mountain	86.34	331	P	P	10 43 48.0 +0.4
SPCR	Spurr Chakacha	86.42	332	P	P	10 43 48.1 +0.1
F24K	Squaw Lake	86.46	339	P	P	10 43 49.2 +1.1
P19K	Oil Pt	86.53	330	P	P	10 43 48.3 -0.2
Q19K	Cape Douglas,	86.56	330	P	P	10 43 48.5 -0.2
H23K	Yukon River	86.57	337	P	P	10 43 49.0 +0.4
D25K	Kavik River	86.57	341	P	P	10 43 49.2 +0.6
SMF	Signal de Mont	86.60	43	eP	P	10 43 48.3 -0.9
LOR	Lormes	86.72	42	P	Pmax	10 43 50.0 +0.3
LOR	comp=Z,97nm,1.6s				Pmax	
MLY	Manley	86.82	336	P	P	10 43 50.1 +0.2
PLA	Porcupine	86.85	334	P	P	10 43 50.5 +0.3
SSB	Saint Sauveur	86.87	44	P	P	10 43 50.5 0.0
E24K	Your Creek	86.88	339	P	P	10 43 51.2 +1.1
JMIC	Jan Mayen	86.89	18	LR	LR	11 21 55.0
VIVF	Saint-Julien-I	86.90	45	eP	Pmax	10 43 50.4 -0.3
CAST	Castle Rocks	86.94	334	P	P	10 43 50.4 0.0
DAG	Danmarks Havn	86.96	11	P	Pmax	10 43 50.6 +0.4
DAG	comp=Z,122nm,1.3s				Pmax	
G23K	Bananza Creek	87.02	338	P	P	10 43 51.8 +1.0
M20K	Styx River	87.02	333	P	P	10 43 51.0 0.0
Q19K	Port Alsworth	87.19	331	P	P	10 43 51.2 -0.5
Q18K	Katmai Hardscr	87.19	329	P	P	10 43 51.8 -0.1
E23K	Chandler	87.28	339	P	P	10 43 52.8 +0.7
H22K	Ishaitina Cre	87.31	337	P	P	10 43 52.2 0.0
D24K	Happy Valley	87.34	340	P	P	10 43 52.6 +0.4
I21K	Tana	87.36	336	P	P	10 43 52.2 -0.2
BAIF	Baives	87.40	40	eP	Pmax	10 43 52.4 -0.5
BAIF	comp=Z,40nm,1.4s				Pmax	
N19K	Eda	87.41	331	P	P	10 43 52.5 -0.4
EDA	Eda	87.41	86	P	P	10 43 53.7 0.0
EDA	Eda	87.41	86	P	P	10 43 55.0 +1.3
EDA	Eda	87.41	86	P	P	10 44 25.5 +4.1
TOLK	Toolik Lake Re	87.44	340	P	P	10 43 53.2 +0.4
P18K	Big Mountain,	87.46	330			

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like RNPFS, BURAR, BUBAR, NACGM, APA, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like IUG, IUG, IUG, DZA, DZA, HILR, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like GNAUR, JHJR, HNS, HNS, HNS, etc.

IDC 07 10:40:15.3z.5.1.67.83N.34.48E, hOkm, mbmp3.1/2, ML1.8/2, Error ellipse: s-maj=64.4km s-min=18.0km az=69.0

KOLA 07 10:40:15.0z.0.3.67.67N.0.02z.34.22E.0.06, hOkm, M2.4(MOS). The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

HEL 07 10:40:16.4z.0.1.67.86N.34.04E, hOkm, ML1.9, Explosion ISC 07 10:40:15.3z.1.0.67.66N.0.03z.34.29E.0.04, hOkm, m24, e1939/41, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Azimuth, Elevation, and other technical details. Includes stations like LVZ, LVZ, LVZ, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like YONG, YONG, E052, YONAGUNI, etc.

IDC 07 12:29:53.5, 1.3, 8:30N, 127.60E, h0km, mb3.5/6, mbtmp3.6/7, ML4.1/1, MS2.6/1, Error ellipse: s-maj=33.2km s-min=20.5km az=73.0

MAN 07 12:29:59.0, 8.23N, 127.14E, h11km, MS3.8, ISC 07 12:29:55.0, 2.9, 8.33N, 127.36E, 0.10, h8km, 16km, n17, r193/24, mb3.6/4, Philippine Islands region

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

IDC 07 12:37:50.4, 1.6, 34.09N, 25.64E, h0km, mb3.4/3, mbtmp3.3/5, ML3.1/2, MS3.4/2, Error ellipse: s-maj=28.0km s-min=24.6km az=53.0

ISC 07 12:37:52.7, 1.3, 34.22N, 0.1, 25.7E, 0.2, h17km, n8, c052/7, Crete

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

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

NNC 07 12:41:34.5, 4.3, 39.81N, 77.10E, h0km, mb3.5, mpv3.3, Error ellipse: s-maj=30.1km s-min=19.7km az=165.0

SOME 07 12:41:35.9, 39.87N, 77.15E, h5km, KRNET 07 12:41:36.0, 0.1, 39.75N, 77.03E, mb3.0, ISC 07 12:41:39.0, 2.2, 39.94N, 0.10, 77.08E, 0.05, h10km, n24, c171/40, 23C-3D, Southern Xinjiang

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JANY-KUCH, NARYN, TARAGAY, etc.

IDC 07 12:44:02.4, 1.1, 36.07N, 141.15E, h0km, mb3.5/6, mbtmp3.6/9, ML3.2/2, MS2.6/4, Error ellipse: s-maj=22.9km s-min=15.7km az=93.0

NIED 07 12:44:04.9, 36.01N, 141.24E, h26km, MW3.6, Moment Tensor Solution, s3, Moment tensor: Scale 10^14N, Min: 1.03, Mns: 0.45, Mss: 1.48, Mw: 1.31, Mw2: 2.64, Mw3: 0.05, Fault plane solution: Ms3, 19000x10^14, NP1: c=353.00000, s=611.00000, t=165.00000, NP2: c=255.00000, s=677.00000, t=30.00000

JMA 07 12:44:04.9, 0.2, 36.0N, 0.5, 141.2E, 1.0, h26km, 2km, MD4.2/39, MV4.2/39, FAR E OFF IBARAKI PREF

JMA Felt II J1 at FAR E OFF IBARAKI PREF, ISC 07 12:44:04.7, 2.0, 36.07N, 0.05, 141.10E, 0.08, h14km, 13km, n24, c081/26, mb3.5/6, 4D, Near east coast of eastern Honshu

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like JCJ, KSRS, JOW, CMAR, ZALV, MKAR, etc.

IDC 07 13:01:39.7, 1.1, 6.38S, 147.88E, h0km, mb3.8/6, mbtmp3.9/10, ML4.0/4, MS3.1/9, Error ellipse: s-maj=34.8km s-min=19.7km az=93.0

ISC 07 13:01:49.1, 0.9, 6.31S, 0.07, 147.6E, 0.2, h63km, n27, c224/24, mb3.6/6, Eastern New Guinea region

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

IDC 07 13:11:33.4, 2.0, 6.56S, 104.46E, h0km, mb3.4/5, mbtmp3.4/6, ML3.9/1, MS3.0/2, Error ellipse: s-maj=82.8km s-min=22.8km az=47.0

NEIC 07 13:11:36.7, 1.7, 6.35S, 0.3, 104.7E, 0.2, h14km, 7km, mb4.0/6, Error ellipse: s-maj=50.8km s-min=3.7km az=208.0

DJA 07 13:11:37.9, 0.3, 6.3S, 2.1, 105.8E, h10km, M4.0/21, ML4.0/21

ISC 07 13:11:35.1, 1.6, 6.48S, 0.07, 104.76E, 0.06, h8km, 10km, n40, c113/33, mb3.3/7, Sunda Strait

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

CADR		IAML	13 47 12.3		
LSP	comp=N,214nm,1.1s				
Las Mesas	1.67 141	Pg	13 46 23.0 +0.7		
LSP		Sg	13 46 45.0 +1.0		
LSP	Las Mesas	Pb	13 46 23.0 +0.7		
LSP		Sb	13 46 45.0 +1.0		
AOPR	Arecibo Observ	Pg	13 46 23.2 +0.2		
AOPR		Sb	13 46 47.9 +0.8		
AOPR		Sb	13 46 50.2		
AOPR	comp=N,190nm,0.5s	IAML			
AOPR	Arecibo Observ	Pg	13 46 23.7 -0.4		
AOPR		IAML	13 46 50.1		
AOPR	comp=N,165nm,0.3s				
AOPR	Arecibo Observ	Pg	13 46 23.8 -0.4		
CRPR	Cabo Rojo, PR	Pb	13 46 23.7 +0.3		
CRPR		Sb	13 46 45.1 +0.9		
CRPR		Sb	13 46 52.3		
CRPR	comp=N,171nm,0.6s	IAML			
CRPR	Cabo Rojo, PR	Pg	13 46 24.2 -0.4		
CRPR		Sb	13 46 46.0 -0.2		
CRPR		Sb	13 46 54.0		
CRPR	comp=Z,133nm,0.7s				
CRPR	Cabo Rojo, PR	Pg	13 46 24.6 +0.1		
DR08	Loma La Naviza	Pg	13 46 24.4 -0.5		
DR08		IAML	13 46 53.5		
UUPR	Utatodo, UPR, P	Pb	13 46 23.8 -0.7		
UUPR		Sb	13 46 49.6 -0.3		
UUPR	Utatodo, UPR, P	Pg	13 46 25.3 -0.5		
MLPR	Magueyes Islan	Pb	13 46 24.2 -0.3		
MLPR		Sg	13 46 45.1 +0.1		
MLPR		Sb	13 46 52.9		
MLPR	comp=N,129nm,0.4s	IAML			
MLPR	Magueyes Islan	Pg	13 46 25.7 -0.2		
MLPR		IAML	13 46 57.5		
MLPR	comp=N,23nm,0.4s				
MLPR	Magueyes Islan	Pg	13 46 25.7 -0.2		
EMPR	Esperanza - Ma	Pg	13 46 26.0 0.0		
EMPR		Sb	13 46 49.2 +1.0		
EMPR	Esperanza - Ma	Pg	13 46 25.4 -0.3		
SDD	Santo Domingo	Pb	13 46 55.4		
SDD		IAML	13 46 58.0		
SDD	comp=N,204nm,0.9s	IAML			
GBPR	Guanica, Bosqu	Pg	13 46 27.5 -0.1		
GBPR		Sg	13 46 52.4 -0.5		
GBPR	Guanica, Bosqu	Pg	13 46 27.5 -0.1		
GBPR		Sb	13 46 52.4 -0.5		
CELP	Cerrillos	Pb	13 46 27.5 -0.7		
CELP		Sb	13 46 49.9 +0.7		
CELP		Sb	13 46 55.7		
CELP	comp=E,108nm,0.5s	IAML			
CELP	Cerrillos	Pg	13 46 29.4 -0.6		
CELP		IAML	13 47 02.3		
CELP	comp=N,33nm,0.3s				
CELP	Cerrillos	Pb	13 46 28.7 +0.5		
OBIP	Obispo Ponce	Pb	13 46 28.6 +0.3		
OBIP		Sb	13 46 52.2 +0.9		
OBIP	Obispo Ponce	Pb	13 46 28.3 0.0		
OBIP		Sb	13 46 52.8 -1.6		
OBIP		Sb	13 46 57.1		
OBIP	comp=Z,365nm,0.3s	IAML			
OBIP	Obispo Ponce	Pb	13 46 28.6 +0.3		
OBIP		Sb	13 46 55.2 +0.9		
ECPR	Experimental S	Pb	13 46 26.9 -1.5		
ECPR		Sb	13 46 54.9 -0.4		
ECPR		Sb	13 47 05.5		
ECPR	comp=Z,167nm,0.2s				
ECPR	Experimental S	Pb	13 46 27.1 -1.3		
SODR	Sosua Marina B	Pb	13 46 29.8 -1.7		
SODR		IAML	13 47 44.5		
SODR	comp=N,92nm,0.6s				
BANI	BANI	Pb	13 46 31.2 -1.4		
BANI		Pb	13 46 32.7 +0.1		
BANI		IAML	13 47 13.1		
SJG	San Juan	Pb	13 46 31.8 -1.4		
SJG		IAML	13 47 10.8		
SJG	comp=N,68nm,0.4s				
SJG	San Juan	Pb	13 46 32.6 -0.7		
SJG		Pb	13 46 32.5 -0.7		
SJG		Sb	13 47 00.2 +1.3		
SJG		IAML	13 47 07.8		
SJG	comp=Z,951nm,0.2s				
SJG	San Juan	Pb	13 46 32.5 -0.7		
IGPR	InterUniversit	Pb	13 46 34.0 -1.2		
IGPR		Sb	13 47 03.6 +1.7		
IGPR		Sb	13 48 01.2 -1.2		
PDPR	Patillas Dam,	Pn	13 46 34.0 -1.9		
PDPR		Sb	13 47 05.0 -2.0		
PDPR	Patillas Dam,	Pb	13 46 35.0 -0.9		
HUMP	Col San Antoni	Pb	13 46 34.8 -2.2		
HUMP		Pb	13 46 35.3 -1.7		
SDDR	Presa de Saban	Pb	13 46 41.4 -2.2		
SDDR		IAML	13 47 33.5		
SDDR	comp=Z,39nm,0.7s				
SDDR	Presa de Saban	Pb	13 46 42.0 -1.6		
SDDR		IAML	13 47 37.2		
SDDR	comp=N,30nm,0.6s				
SDDR	Presa de Saban	Pb	13 46 42.3 -1.3		
SDDR		Sb	13 47 14.4 +0.4		
CUPR	Culebra, Puert	Pn	13 46 38.9 +0.8		
PODR	Polo	Pb	13 46 44.0 -3.7		
PODR		IAML	13 48 10.7		
GRTK	Grand Turk	Pb	13 46 48.0 -3.1		
GRTK		Sb	13 47 25.3 +0.4		
GRTK		IAML	13 47 59.8		
GRTK	comp=N,43nm,1.4s				

GIMEL	St. Georges /	6.11 118	Pn	Pn	13 49 40.0 0.0	
OGSM	Saint Maurice	6.37 127	Pn	Pn	13 49 43.4 -0.2	
OSSF	Osses	6.41 178	Pn	Pn	13 49 42.9 -1.3	
EALK	Alkuruntz	6.45 180	Pn	Pn	13 49 43.8 -0.9	
IDC 07 13:49:56.5:7.4, 45:58S, 79:34W, h0km, mb3.7/3, mbtmp3.7/4, ML3.6/1, MS3.3/3, Error ellipse: s-maj=175.0km s-min=46.5km az=173.0, Off coast of southern Chile						
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	
PLCA	Paso Flores	8.05 56	Pn	13 51 55.2 +0.5		
PLCA	baz=183,slow=234,slow=14,SNR=1		LR	13 54 44.6		
H03S1	Juan Fernandez	11.73 2 T	T	14 03 37.6		
H03S2	Juan Fernandez	11.73 2 T	T	14 03 36.4		
H03S3	Juan Fernandez	11.75 2 T	T	14 03 37.6		
CPUP	Villa Florida	26.06 50 P	P	13 55 31.1 -0.4		
CPUP	1.8nm,0.8s,baz=229,slow=10,SNR=4.3		LR	14 05 59.7		
LPAZ	La Paz	30.68 21 P	P	13 56 13.8 +0.2		
RCBR	Riachuelo	54.61 57 LR	LR	14 20 48.9		
TXAR	Lajitas Array	77.77 33R P	P	14 01 55.4 +0.1		
IDC 07 13:56:22.6:1.1, 21:91N:121:39E, h0km, mb3.5/5, mbtmp3.5/5, Error ellipse: s-maj=44.5km s-min=21.4km az=68.0						
NIED 07 13:56:25.6, 22:32N:121:57E, h2km, MW3.7, Moment Tensor Solution, s2 Moment tensor: Scale 10 ¹⁴ Nm; Mn1:2.7; Mm2:0.3; Mm3:3.30; Mm4:1.49; Mm5:0.44; Mm6:1.34; Fault plane solution: M3.53000x10 ¹⁴ NP1: φ=316.00000°, δ=1.00000°, λ=20.00000°; NP2: φ=213.00000°, δ=3.00000°, λ=139.00000°; JMA 07 13:56:25.6:0.4, 22:4N:0.9:121.6E:0.7, h2km, 3km, MV4.4/19, TAIWAN REGION						
TAP 07 13:56:26.0, 22:23N:121:37E, h20km, ML3.8, C						
ISC 07 13:56:25.5:0.8, 22:22N:121:43E:0.02, h17km, 6gkm, n154, t1545/228, mb3.5/4, 4D, Taiwan region						
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC	
LAY	Lan-yu	0.21 147	Op	13 56 35.3 +1.3		
LAY		Sg	13 56 35.3 +1.3			
LYUB	Lan-yu	0.26 145	Op	13 56 31.4 +0.1		
LYUB		Sg	13 56 35.0 -0.2			
LDUT	Ludao	0.46 5	Op	13 56 35.2 +0.2		
LDUT		Sb	13 56 42.1 +0.6			
TAW	Tawu	0.51 286	Op	13 56 38.2 -0.7		
TAW		Sb	13 56 41.6 -0.9			
TAWH	Dawu Township	0.51 284	Op	13 56 35.4 -0.4		
TAWH		Sg	13 56 42.0 -0.7			
EAST	Anshuo	0.56 287	Op	13 56 36.1 -0.6		
EAST		Sg	13 56 43.0 -1.2			
ECL	Taimali	0.58 311	Op	13 56 36.2 -0.7		
ECL		Sb	13 56 40.0 -0.7			
SMST	Manzhou Townsh	0.58 250	Op	13 56 36.7 -0.3		
SMST		Sb	13 56 40.0 -0.7			
SLIU	Shizi	0.58 270	Op	13 56 36.4 -0.7		
SLIU		Sb	13 56 43.4 -1.4			
TSEB	Hengchun, Pin	0.58 237	Op	13 56 37.4 +0.3		
TSEB		Sb	13 56 45.4 +0.3			
TTN	Taitung	0.59 334	Op	13 56 38.4 +1.0		
TTN		Sb	13 56 47.4 +1.8			
TWKBT	Hengchun	0.63 244	Op	13 56 37.5 -0.4		
TWKBT		Sb	13 56 45.5 -0.4			
TWK1	Hengchun	0.64 245	Op	13 56 37.5 -0.6		
TWK1		Sb	13 56 45.0 -1.5			
HEN	Hengchun	0.67 252	Op	13 56 38.3 -0.4		
HEN		Sb	13 56 47.2 -0.4			
TWGBT	Beinan	0.68 332	Op	13 56 38.7 -0.7		
TWGBT		Sb	13 56 42.7 -0.7			
TWG	Pinlang	0.68 332	Op	13 56 38.1 -0.8		
TWG		Sb	13 56 46.7 -1.4			
LONT	Longtian	0.74 338	Op	13 56 39.4 -0.6		
LONT		Sb	13 56 49.3 -1.1			
SCPT	Fangliang	0.76 282	Op	13 56 39.3 -1.1		
SCPT		Sb	13 56 46.5 +2.4			
MSBT	Mashibuluo	0.83 298	Op	13 56 38.2 -0.7		
SCPT	Xinbi	0.84 289	Op	13 56 41.3 -0.5		
TSMG	Majia	0.87 304	Op	13 56 41.4 -1.0		
CHKT	Chengkung	0.88 356	Op	13 56 42.1 -0.5		
CHKT		Sb	13 56 53.4 -0.9			
ECS	Chishang	0.90 348	Op	13 56 43.0 +0.4		
ECS		Sb	13 56 56.5 +2.4			
SSD	Sandimen	0.90 306	Op	13 56 41.4 -1.7		
EHD	Haiduan	0.95 348	Op	13 56 43.9 +0.4		
CHKH	Chengsong	0.97 358	Op	13 56 43.8 -0.5		
CHKH		Sb	13 56 55.9 -1.2			
FULB	Fuli	0.98 373	Op	13 56 44.1 -0.5		
FULB		Sb	13 56 57.2 -0.4			
TWP	Hsiaoliuchiu	0.99 258	Op	13 56 40.0 +1.4		
SGLT	Jiouru	1.00 301	Op	13 56 40.0 +1.3		
ELDTW	Lidau	1.04 339	Op	13 56 44.3 -1.4		
ECST	Cishan	1.09 308	Op	13 56 45.9 -0.7		
ECST	Changbin	1.09 1 P	P	13 56 55.1 -1.4		
SCBN	Shoushan	1.11 303	Op	13 56 48.0 +1.8		
STYH	Taoyuan	1.12 328	Op	13 56 47.2 +0.7		
WFYU	Yuli	1.13 355	Op	13 56 46.9 -0.5		
WFYU		Sb	13 56 46.5 -1.0			
MSST	Yushan	1.16 318	Op	13 57 02.4 -0.4		
SGST	Yushan	1.18 354	Op	13 56 47.6 -0.7		
YULB	Yu-pi	1.18 354	Op	13 56 45.9 -2.4		
WTP	Ta-pu	1.12 324	Op	13 56 49.0 -1.0		
WTP		Sb	13 57 06.5 +1.4			
CHN1	Nanshi	1.27 319	Op	13 57 05.1 +0.5		
CHN1		Sb	13 57 06.5 +1.4			
EHYH	Wanrong	1.27 357	Op	13 56 49.0 -1.1		
EHYH	Hungye	1.29 356	Op	13 56 48.2 -2.2		
CHN3	Shinpu	1.30 311	Op	13 56 51.0 +2.2		
CHN3		Sb	13 56 57.2 -0.4			
TPUB	Ta-pu	1.30 326	Op	13 56 50.1 -0.6		
TPUB		Sb	13 56 49.7 -1.0			
TPUB		Sb	13 57 07.7 +1.7			
TAI1	Yung-k'ang	1.38 307	Op	13 56 49.1 -0.7		
TAI1		Sb	13 57 09.4 +1.7			
SSHA	Shanhuia	1.39 311	Op	13 56 50.5 +0.4		
SSHA		Sb	13 57 10.0 +1.9			
ALS	Alishan	1.41 336	Op	13 56 51.3 -1.4		
ALS		Sb	13 57 11.6 +2.6			
SCLT	Jiali	1.48 310	Op	13 56 52.4 +1.0		
SCLT		Sb	13 57 12.0 +0.8			
TEC1	Jichi Village	1.49 4	Op	13 56 51.8 +0.3		
WARBT	Pengpin Townsh	1.50 359	Op	13 56 53.6 +1.4		
CHNS	Tsauling	1.54 334	Op	13 56 53.6 +1.4		
TSCK	Chigu Township	1.54 307	Op	13 56 53.1 +0.9		
TSCK		Sb	13 57 10.0 +1.1			
ICHU	Yijhu	1.55 317	Op	13 57 14.4 -1.3		
ICHU		Sb	13 57 14.4 -1.3			
WHYT	Xinyi Township	1.56 340	Op	13 56 54.5 +0.5		
SHUL	Shoufeng	1.57 5	Op	13 56 52.7 +0.2		
SHUL		Sb	13 57 11.6 -0.9			
CHY	Chiayi	1.57 324	Op	13 56 53.9 +1.3		
CHY		Sb	13 56 50.5 +0.4			

7d 14h

mbmp4.5/34, MS4.1/26, Error ellipse: s-maj=17.9km s-min=9.4km az=76.0
ISC 07 14:09:29.2+0.5, 9.17N,0.03E,126.63E,0.04,h28km,3km, h28km:pp-P,n405,c305/331,m4.8/88,MS4.1/31,1C-1D,

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, and various station codes like TSSP, SCPH, CGP, DAV, etc.

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Table with columns: DL2, eS, S, and various station codes like WARRMUNGA, HONGSHAN, BEIJING, etc.

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Table with columns: LHI, YAKUTSK, MAKANCHI, etc., and various station codes like KARATAY, BOROVYOE, etc.

L18K	Granite Mounta	75.74	28	I	Amb	14 21 21.6
L18K	Granite Mounta	75.74	28	P	P	14 21 08.3 -3.8
N18K	Kilae Creek	75.93	30	P	P	14 21 08.5 -4.8
F19K	Shalercukik Mo	75.97	23	P	P	14 21 08.5 -4.8
GCSA	Galena City Sc	76.05	25	P	P	14 21 09.4 -4.1
M18K	Stony River	76.05	29	P	P	14 21 09.8 -4.2
P18K	Big Mountain,	76.12	31	P	P	14 21 10.6 -3.8
G19K	Purcell Mounta	76.12	24	P	P	14 21 09.8 -4.5
D19K	Kuna River	76.13	22	P	P	14 21 10.9 -3.3
CASY	Casey	76.17	187	P	P	14 21 15.8 +1.5
CASY				I	Amb	14 21 37.3
Q18K	Katmai Hardscr	76.17	32	P	P	14 21 11.1 -3.7
O18K	Koktuh Hills	76.18	31	P	P	14 21 10.3 -4.5
E19K	Redstone River	76.28	23	P	P	14 21 10.6 -4.6
H19K	Roundabout Mou	76.29	25	I	Amb	14 21 34.7
H19K	Roundabout Mou	76.29	25	P	P	14 21 11.2 -4.0
J19K	Pooman	76.44	26	P	P	14 21 12.2 -3.9
SII	Sitkinak Islan	76.44	34	P	P	14 21 12.4 -3.9
L19K	White Mountain	76.58	28	P	P	14 21 12.8 -4.2
N19K	Bonanza Creek	76.63	30	P	P	14 21 12.7 -4.7
D20K	Etiwuk River	76.71	21	P	P	14 21 12.9 -4.7
B20K	Meade River	76.73	20	I	Amb	14 21 21.9
B20K	Meade River	76.73	20	P	P	14 21 14.3 -3.3
E20K	Nigu River	76.79	22	P	P	14 21 13.6 -4.5
F20K	Avaraart Lake	76.80	23	P	P	14 21 14.1 -4.0
H20K	Anotleneega Mo	76.94	25	P	P	14 21 14.3 -4.6
I20K	Naaghdeneel	77.03	26	P	P	14 21 15.0 -4.3
K20K	Telida	77.06	27	P	P	14 21 15.7 -4.0
J20K	Nowinta River	77.11	26	P	P	14 21 15.3 -4.6
P19K	Oil Pt	77.16	31	P	P	14 21 16.8 -3.4
M20K	Styx River	77.27	29	P	P	14 21 17.4 -4.1
KDAK	Kodiak Island	77.39	33	P	P	14 21 22.9 +1.4
KDAK	Kodiak Island	77.39	33	P	P	14 21 19.1 -2.4
KDAK	Kodiak Island	77.39	33	P	P	14 21 17.2 -4.3
C21K	Knifeflade Rid	77.43	21	P	P	14 21 17.5 -4.1
B21K	Ikpikpuk River	77.55	21	I	Amb	14 21 26.5
B21K	Ikpikpuk River	77.55	21	P	P	14 21 18.2 -4.0
G21K	Allakaket	77.61	24	P	P	14 21 18.4 -4.2
A21K	Sinclair Lake	77.61	19	P	P	14 21 18.5 -4.0
E22K	Killik River	77.63	22	P	P	14 21 18.1 -4.7
H21K	Melozitna	77.81	25	I	Amb	14 21 45.1
H21K	Melozitna	77.81	25	P	P	14 21 19.8 -4.0
PPLA	Purkeypile	77.88	28	P	P	14 21 19.8 -4.6
CHUM	Lake Minchumin	77.89	27	P	P	14 21 20.5 -3.7
CAST	Castle Rocks	77.96	27	P	P	14 21 20.9 -3.7
B22K	Teshhepuk Lake	78.04	20	I	Amb	14 21 29.0
B22K	Teshhepuk Lake	78.04	20	P	P	14 21 20.8 -4.1
I21K	Tanana	78.12	25	P	P	14 21 21.1 -4.3
SKT	Skwentna	78.13	29	P	P	14 21 21.3 -4.3
RAYN	Ar Rayn	78.31	292	P	P	14 21 25.8 -1.6
RAYN				I	Amb	14 21 28.7
E22K	Anaktuvuk Pass	78.40	22	I	Amb	14 21 31.6
E22K	Anaktuvuk Pass	78.40	22	P	P	14 21 22.4 -4.7
H22K	Ishlaltina Cre	78.42	25	P	P	14 21 23.4 -3.8
BRSE	Bradley Lake S	78.43	31	P	P	14 21 22.5 -4.8
G22K	Bettles	78.43	23	P	P	14 21 22.6 -4.5
L22K	Petersville	78.51	28	P	P	14 21 23.8 -4.0
MLY	Manley	78.64	25	P	P	14 21 25.0 -3.4
CUT	Chulitna	78.74	28	P	P	14 21 25.5 -3.4
TRF	Thorofare Moun	78.77	27	P	P	14 21 25.4 -3.9
M22K	Willow	78.79	29	P	P	14 21 26.0 -3.2
D23K	Nanushuk River	78.88	21	I	Amb	14 21 48.8
D23K	Nanushuk River	78.88	21	P	P	14 21 26.0 -3.6
C23K	Itliklik River	78.95	21	P	P	14 21 26.4 -3.6
RC01	Rabbit Creek A	78.96	29	P	P	14 21 26.6 -3.6
G23K	Bananza Creek	79.01	24	I	Amb	14 21 35.1
G23K	Bananza Creek	79.01	24	P	P	14 21 27.1 -3.4
SEW	Seward	79.08	30	P	P	14 21 26.8 -4.0
H23K	Yukon River	79.17	25	P	P	14 21 26.8 -4.5
KBZ	Khabaz	79.22	313	P	P	14 21 31.9 -0.1
E23K	Chandler	79.22	22	I	Amb	14 21 36.3
E23K	Chandler	79.22	22	P	P	14 21 27.3 -4.3
I23K	Minto, Yukon-K	79.22	25	P	P	14 21 27.9 -3.6
PMR	Palmer	79.26	29	P	P	14 21 28.4 -3.4
TOLK	Toonik Lake Re	79.26	22	P	P	14 21 27.8 -4.0
NEA2	Nenana	79.33	26	P	P	14 21 29.0 -3.2
MCK	McKinley	79.38	27	P	P	14 21 29.0 -3.5
WAT1	Susitna Watana	79.54	28	P	P	14 21 30.6 -2.8
D24K	Happy Valley	79.55	21	P	P	14 21 30.8 -2.4
KNK	Knik Glacier	79.58	29	P	P	14 21 29.9 -3.7
C24K	Franklin Bluff	79.61	21	P	P	14 21 30.5 -3.1
SML	Sawmill	79.64	29	P	P	14 21 30.1 -3.9
E24K	Your Creek	79.64	22	P	P	14 21 30.4 -3.5
H24K	Noodor Dome	79.85	25	P	P	14 21 31.5 -3.6
COLA	College	79.86	26	P	P	14 21 31.3 -3.7

F24K	Squaw Lake	79.86	23	P	P	14 21 30.3 -4.8
CCB	Clear Creek Bu	79.88	26	I	Amb	14 21 40.2
WAT6	Susitna Watana	79.92	28	P	P	14 21 30.9 -4.7
M23K	Glacier View	79.93	29	P	P	14 21 31.6 -3.9
G24K	Hadweenciz Riv	80.02	24	P	P	14 21 31.1 -4.8
DHY	Denali Highway	80.08	27	P	P	14 21 32.0 -4.4
P23K	Montague Islan	80.11	31	P	P	14 21 32.2 -4.3
SCM	Sheep Creek Mo	80.12	29	P	P	14 21 32.9 -3.7
GLI	Glacier Island	80.25	30	P	P	14 21 33.7 -3.5
HDA	Harding Lake	80.25	26	P	P	14 21 33.5 -3.7
ILAR	Eielson Array	80.27	26	P	P	14 21 38.5 +1.2
ILAR	Eielson Array	80.27	26	P	P	14 21 35.4 -1.9
D25K	Kavik River	80.43	21	P	P	14 21 34.2 -3.9
G25K	Bearman Lake	80.56	24	P	P	14 21 36.1 -2.7
M24K	Tolsona, Glenn	80.65	28	P	P	14 21 35.8 -3.6
Q23K	Midleton Isla	80.66	31	P	P	14 21 36.1 -3.3
F25K	Christian River	80.72	23	P	P	14 21 36.5 -3.2
E25K	Arctic Village	80.74	22	P	P	14 21 36.6 -3.2
KLU	Klutina	80.80	29	P	P	14 21 36.9 -3.3
PRP	Porcupine Dome	80.83	25	P	P	14 21 37.1 -3.4
J25K	Salcha River,	80.93	26	P	P	14 21 37.6 -3.3
PAX	Paxson	80.95	28	P	P	14 21 37.6 -3.4
RIDG	Independent Ri	81.20	27	P	P	14 21 37.9 -4.4
F26K	Sheenjek River	81.29	23	P	P	14 21 39.0 -3.8
C27K	Jag River	81.36	21	P	P	14 21 39.2 -3.8
N25K	Chitina, Valde	81.42	29	P	P	14 21 39.6 -4.0
BMRM	Bremner River	81.46	30	P	P	14 21 40.3 -3.4
G26K	Porcupine Rive	81.47	23	P	P	14 21 40.4 -3.2
SCRK	Sand Creek	81.56	26	I	Amb	14 22 03.9
SCRK	Sand Creek	81.56	26	P	P	14 21 40.5 -3.8
L26K	Log Cabin Wild	81.91	27	P	P	14 21 42.6 -3.5
M26K	Nabesna, AK	82.12	28	P	P	14 21 44.3 -2.9
MCARA	McCarthy VSAT	82.19	29	P	P	14 21 43.9 -3.7
E27K	Golden River	82.22	22	I	Amb	14 22 06.8
E27K	Coleen River	82.22	22	P	P	14 21 44.9 -2.7
G27K	Doyon Strip	82.32	24	P	P	14 21 44.5 -3.7
D27M	Malcolm River	82.35	21	P	P	14 21 44.5 -3.8
H27K	Steamboat Moun	82.43	24	P	P	14 21 46.0 -2.8
I27K	Kandik River	82.45	25	I	Amb	14 22 08.7
I27K	Kandik River	82.45	25	P	P	14 21 45.6 -3.2
L27K	Beaver Creek,	82.60	27	P	P	14 21 46.1 -3.6
BCAR	Beaver Creek A	82.62	27	P	P	14 21 45.9 -3.9
M27K	Edge Creek, AK	82.64	28	P	P	14 21 46.3 -3.7
MESA	MESA	82.83	30	P	P	14 21 48.2 -2.9
GRNC	Granite Creek	82.87	30	I	Amb	14 22 22.4
F28M	Old Crow	82.93	23	I	Amb	14 21 55.1
F28M	Old Crow	82.93	23	P	P	14 21 48.5 -2.8
E28M	Babbage River	82.94	22	P	P	14 21 49.1 -2.2
BVCY	Beaver Creek	83.11	28	P	P	14 21 49.7 -2.7
I28M	Miner Creek	83.16	25	P	P	14 21 49.7 -2.9
E29M	Blow River	83.56	22	P	P	14 21 50.8 -3.7
DAWY	Dawson	83.57	26	P	P	14 21 52.0 -2.7
Q28M	Mount Upton	83.63	30	P	P	14 21 50.4 -4.9
PINM	Pinnacle	83.68	30	P	P	14 21 51.9 -3.5
H29M	Whitestone	83.70	24	P	P	14 21 52.5 -2.8
G29M	Pine Creek	83.73	23	P	P	14 21 52.9 -2.6
YUK8	Steg Glacier	83.77	29	P	P	14 21 52.3 -3.7
I29M	Ogilvie Camp,	83.85	25	P	P	14 21 54.5 -1.6
BRWY	Burwash Landin	84.10	29	P	P	14 21 54.6 -2.9
M29M	Somme Creek	84.21	28	I	Amb	14 22 03.2
M29M	Somme Creek	84.21	28	P	P	14 21 56.6 -1.5
L29M	L29M	84.26	27	P	P	14 21 55.4 -2.9
YUK4	Talbot Arm	84.29	29	P	P	14 21 54.2 -4.4
EPYK	Eagle Plains	84.33	24	P	P	14 21 53.7 -4.8
K29M	Barlow Dome	84.42	26	I	Amb	14 22 03.8
K29M	Barlow Dome	84.42	26	P	P	14 21 54.2 -4.9
G30M	TaoH Zraii Nji	84.42	23	P	P	14 21 53.9 -5.0
F30M	Barrier River	84.48	22	P	P	14 21 53.7 -5.5
O29M	Mount Kennedy	84.48	30	P	P	14 21 53.8 -5.7
YUK6	Outpost Mounta	84.49	29	P	P	14 21 54.8 -4.9
I30M	Mount Dempster	84.67	25	I	Amb	14 22 06.5
I30M	Mount Dempster	84.67	25	P	P	14 21 55.2 -5.2
J30M	Hart River	84.81	25	I	Amb	14 22 07.5
J30M	Hart River	84.81	25	P	P	14 21 55.9 -5.2
HYT	Haines Junctio	84.92	29	I	Amb	14 22 06.3
HYT	Haines Junctio	84.92	29	P	P	14 21 56.7 -5.0
BNN	Bunyan	84.94	308	I	Amb	14 22 05.4
M30M	Minto, Yukon	84.96	28	P	P	14 21 55.9 -5.8
P29M	Windy Craggy	85.00	31	P	P	14 21 57.4 -4.6
N30M	Aishikik Lake	85.01	29	P	P	14 21 57.0 -5.1
SPITS	Spitsbergen Ar	85.16	349	P	P	14 22 03.3 +0.9
INIK	Inuvik	85.17	22	P	P	14 22 04.2 +1.5
INIK	Inuvik	85.17	22	I	Amb	14 22 06.2
INIK	Inuvik	85.17	22	P	P	14 21 57.7 -4.9

G31M	Satah River	85.19	23	P	P	14 21 57.6 -5.2
F31M	Tsilgitchent	85.28	22	P	P	14 21 58.3 -4.9
P30M	Million Dollar	85.31	30	P	P	14 21 58.7 -4.9
ARCES	ARCES Array B	85.35	340	P	P	14 22 04.5 +0.9
ARCES				I	Amb	14 25 25.5 +4.2
H31M	Peel River	85.39	24	P	P	14 22 00.5 -3.4
H31M	Peel River	85.39	24	P	P	14 22 00.3 -3.6
O30N	Mendenhall	85.61	29	P	P	14 22 00.2 -4.9
N31M	Braeburn, Yuko	85.63	28	I	Amb	14 22 10.4
N31M	Braeburn, Yuko	85.63	28	P	P	14 21 59.5 -5.6
PLBC	Pleasant Camp	85.72	31	P	P	14 22 01.5 -4.1
S31K	Pellanc	86.07	32	P	P	14 22 02.5 -4.8
M31M	Drury Creek, Y	86.13	28	P	P	14 22 03.2 -4.3
WHY	Whitehorse	86.22	29	P	P	14 22 03.7 -4.5
BRTR	Keskin Array B	86.50	310	P		

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BRSE	Bradley Lake S	78.14	21	P	P	14 48 54.4	-1.2
L18K	Granite Mounta	78.16	17	IAMS_20	IAMS_20	15 21 51.2	
L18K	Granite Mounta	78.16	17	P	P	14 48 55.3	-0.3
TNA	Tin City	78.40	11	P	P	14 48 56.5	-0.3
J17K	VABM Dome	78.47	15	IAMB	IAMB	14 49 05.2	
J17K	VABM Dome	78.47	15	P	P	14 48 57.2	-0.1
I17K	Unalakleet	78.47	14	P	P	14 48 57.1	-0.1
BILL	Bilibino	78.49	0	P	P	14 48 55.5	-1.8
BILL	Bilibino	78.49	0	P	P	14 48 55.8	-1.5
F14K	Arctic Creek	78.62	11	P	P	14 48 57.5	-0.6
SOMN	Songino Array	78.64	324	P	P	14 48 58.2	-0.6
SOMN	Songino Array	78.64	324	P	P	14 48 58.2	-0.6
L19K	White Mountain	78.66	17	IAMS_20	IAMS_20	15 22 54.5	
L19K	White Mountain	78.66	17	P	P	14 48 58.2	-0.2
G15K	Niukluk	78.66	12	P	P	14 48 57.8	-0.5
MOKO	MOKOCHONG	78.72	300	eP	IAMB	14 49 01.7	+2.0
MOKO	MOKOCHONG	78.72	300	eP	IAMB	14 49 26.2	
SPCR	Spurr Chakacha	78.73	19	P	P	14 48 58.6	-0.2
H16K	Elim	78.75	13	P	P	14 48 57.8	-0.9
CAPN	Captain Cook N	78.75	20	P	P	14 48 58.1	-0.7
IMP	Imphal	78.76	298	eP	P	14 49 01.8	+2.0
SEW	Seward	78.85	21	P	P	14 48 58.1	-1.3
SLKM	Skilak Lake	78.88	20	IAMS_20	IAMS_20	15 22 24.4	
KOHI	KOHIMA	78.89	299	eP	IAMB	14 49 01.4	+0.8
KOHI	KOHIMA	78.89	299	eP	IAMB	14 49 12.4	
O22K	Styx River	78.95	18	P	P	14 48 58.9	-1.1
M20K	Cooper Landing	79.03	21	IAMB	IAMB	14 49 14.4	
O22K	Cooper Landing	79.03	21	P	P	14 48 59.4	-1.0
JORH	JORHAT	79.08	300	eP	P	14 49 03.2	+1.8
F15K	North Star Dit	79.16	12	IAMS_20	IAMS_20	15 18 17.4	
F15K	North Star Dit	79.16	12	P	P	14 48 59.9	-1.2
GTA2	Gaotai	79.21	314	eP	P	14 49 02.4	+0.3
GTA2	Gaotai	79.21	314	eP	P	14 49 10.5	+0.2
GTA2	Gaotai	79.21	314	eP	P	14 49 00.9	+0.8
GTA2	Gaotai	79.21	314	eP	P	14 49 10.9	+0.1
GTA2	Gaotai	79.21	314	eP	P	14 49 06.7	-0.6
GTA2	Gaotai	79.21	314	eP	P	14 49 02.4	+0.3
GTA2	Gaotai	79.21	314	eP	P	14 49 10.5	+0.2
GTA2	Gaotai	79.21	314	eP	P	14 49 00.9	+0.8
GTA2	Gaotai	79.21	314	eP	P	14 49 10.9	+0.1
GTA2	Gaotai	79.21	314	eP	P	14 49 06.7	-0.6
GTA2	Gaotai	79.21	314	eP	P	14 49 02.4	+0.3
GTA2	Gaotai	79.21	314	eP	P	14 49 10.5	+0.2
GTA2	Gaotai	79.21	314	eP	P	14 49 00.9	+0.8
GTA2	Gaotai	79.21	314	eP	P	14 49 10.9	+0.1
GTA2	Gaotai	79.21	314	eP	P	14 49 06.7	-0.6
GTA2	Gaotai	79.21	314	eP	P	14 49 02.4	+0.3
GTA2	Gaotai	79.21	314	eP	P	14 49 10.5	+0.2
GTA2	Gaotai	79.21	314	eP	P	14 49 00.9	+0.8
GTA2	Gaotai	79.21	314	eP	P	14 49 10.9	+0.1
GTA2	Gaotai	79.21	314	eP	P	14 49 06.7	-0.6
GTA2	Gaotai	79.21	314	eP	P	14 49 02.4	+0.3
GTA2	Gaotai	79.21	314	eP	P	14 49 10.5	+0.2
GTA2	Gaotai	79.21	314	eP	P	14 49 00.9	+0.8
GTA2	Gaotai	79.21	314	eP	P	14 49 10.9	+0.1
GTA2	Gaotai	79.21	314	eP	P	14 49 06.7	-0.6
GTA2	Gaotai	79.21	314	eP	P	14 49 02.4	+0.3
GTA2	Gaotai	79.21	314	eP	P	14 49 10.5	+0.2
GTA2	Gaotai	79.21	314	eP	P	14 49 00.9	+0.8
GTA2	Gaotai	79.21	314	eP	P	14 49 10.9	+0.1
GTA2	Gaotai	79.21	314	eP	P	14 49 06.7	-0.6
GTA2	Gaotai	79.21	314	eP	P	14 49 02.4	+0.3
GTA2	Gaotai	79.21	314	eP	P	14 49 10.5	+0.2
GTA2	Gaotai	79.21	314	eP	P	14 49 00.9	+0.8
GTA2	Gaotai	79.21	314	eP	P	14 49 10.9	+0.1
GTA2	Gaotai	79.21	314	eP	P	14 49 06.7	-0.6
GTA2	Gaotai	79.21	314	eP	P	14 49 02.4	+0.3
GTA2	Gaotai	79.21	314	eP	P	14 49 10.5	+0.2
GTA2	Gaotai	79.21	314	eP	P	14 49 00.9	+0.8
GTA2	Gaotai	79.21	314	eP	P	14 49 10.9	+0.1
GTA2	Gaotai	79.21	314	eP	P	14 49 06.7	-0.6
GTA2	Gaotai	79.21	314	eP	P	14 49 02.4	+0.3
GTA2	Gaotai	79.21	314	eP	P	14 49 10.5	+0.2
GTA2	Gaotai	79.21	314	eP	P	14 49 00.9	+0.8
GTA2	Gaotai	79.21	314	eP	P	14 49 10.9	+0.1
GTA2	Gaotai	79.21	314	eP	P	14 49 06.7	-0.6
GTA2	Gaotai	79.21	314	eP	P	14 49 02.4	+0.3
GTA2	Gaotai	79.21	314	eP	P	14 49 10.5	+0.2
GTA2	Gaotai	79.21	314	eP	P	14 49 00.9	+0.8
GTA2	Gaotai	79.21	314	eP	P	14 49 10.9	+0.1
GTA2	Gaotai	79.21	314	eP	P	14 49 06.7	-0.6
GTA2	Gaotai	79.21	314	eP	P	14 49 02.4	+0.3
GTA2	Gaotai	79.21	314	eP	P	14 49 10.5	+0.2
GTA2	Gaotai	79.21	314	eP	P	14 49 00.9	+0.8
GTA2	Gaotai	79.21	314	eP	P	14 49 10.9	+0.1
GTA2	Gaotai	79.21	314	eP	P	14 49 06.7	-0.6
GTA2	Gaotai	79.21	314	eP	P	14 49 02.4	+0.3
GTA2	Gaotai	79.21	314	eP	P	14 49 10.5	+0.2
GTA2	Gaotai	79.21	314	eP	P	14 49 00.9	+0.8
GTA2	Gaotai	79.21	314	eP	P	14 49 10.9	+0.1
GTA2	Gaotai	79.21	314	eP	P	14 49 06.7	-0.6
GTA2	Gaotai	79.21	314	eP	P	14 49 02.4	+0.3
GTA2	Gaotai	79.21	314	eP	P	14 49 10.5	+0.2
GTA2	Gaotai	79.21	314	eP	P	14 49 00.9	+0.8
GTA2	Gaotai	79.21	314	eP	P	14 49 10.9	+0.1
GTA2	Gaotai	79.21	314	eP	P	14 49 06.7	-0.6
GTA2	Gaotai	79.21	314	eP	P	14 49 02.4	+0.3
GTA2	Gaotai	79.21	314	eP	P	14 49 10.5	+0.2
GTA2	Gaotai	79.21	314	eP	P	14 49 00.9	+0.8
GTA2	Gaotai	79.21	314	eP	P	14 49 10.9	+0.1
GTA2	Gaotai	79.21	314	eP	P	14 49 06.7	-0.6
GTA2	Gaotai	79.21	314	eP	P	14 49 02.4	+0.3
GTA2	Gaotai	79.21	314	eP	P	14 49 10.5	+0.2
GTA2	Gaotai	79.21	314	eP	P	14 49 00.9	+0.8
GTA2	Gaotai	79.21	314	eP	P	14 49 10.9	+0.1
GTA2	Gaotai	79.21	314	eP	P	14 49 06.7	-0.6
GTA2	Gaotai	79.21	314	eP	P	14 49 02.4	+0.3
GTA2	Gaotai	79.21	314	eP	P	14 49 10.5	+0.2
GTA2	Gaotai	79.21	314	eP	P	14 49 00.9	+0.8
GTA2	Gaotai	79.21	314	eP	P	14 49 10.9	+0.1
GTA2	Gaotai	79.21	314	eP	P	14 49 06.7	-0.6
GTA2	Gaotai	79.21	314	eP	P	14 49 02.4	+0.3
GTA2	Gaotai	79.21	314	eP	P	14 49 10.5	+0.2
GTA2	Gaotai	79.21	314	eP	P	14 49 00.9	+0.8
GTA2	Gaotai	79.21	314	eP	P	14 49 10.9	+0.1
GTA2	Gaotai	79.21	314	eP	P	14 49 06.7	-0.6
GTA2	Gaotai	79.21	314	eP	P	14 49 02.4	+0.3
GTA2	Gaotai	79.21	314	eP	P	14 49 10.5	+0.2
GTA2	Gaotai	79.21	314	eP	P	14 49 00.9	+0.8
GTA2	Gaotai	79.21	314	eP	P	14 49 10.9	+0.1
GTA2	Gaotai	79.21	314	eP	P	14 49 06.7	-0.6
GTA2	Gaotai	79.21	314	eP	P	14 49 02.4	+0.3
GTA2	Gaotai	79.21	314	eP	P	14 49 10.5	+0.2
GTA2	Gaotai	79.21	314	eP	P	14 49 00.9	+0.8
GTA2	Gaotai	79.21	314	eP	P	14 49 10.9	+0.1
GTA2	Gaotai	79.21	314	eP	P	14 49 06.7	-0.6
GTA2	Gaotai	79.21	314	eP	P	14 49 02.4	+0.3
GTA2	Gaotai	79.21	314	eP	P	14 49 10.5	+0.2
GTA2	Gaotai	79.21	314	eP	P	14 49 00.9	+0.8
GTA2	Gaotai	79.21	314	eP	P	14 49 10.9	+0.1
GTA2	Gaotai	79.21	314	eP	P	14 49 06.7	-0.6
GTA2	Gaotai	79.21	314	eP	P	14 49 02.4	+0.3
GTA2	Gaotai	79.21	314	eP	P	14 49 10.5	+0.2
GTA2	Gaotai	79.21	314	eP	P	14 49 00.9	+0.8
GTA2	Gaotai	79.21	314	eP	P	14 49 10.9	+0.1
GTA2	Gaotai	79.21	314	eP	P	14 49 06.7	-0.6
GTA2	Gaotai	79.21	314	eP	P	14 49 02.4	+0.3
GTA2	Gaotai	79.21	314	eP	P	14 49 10.5	+0.2
GTA2	Gaotai	79.21	314	eP	P	14 49 00.9	+0.8
GTA2	Gaotai	79.21	314	eP	P	14 49 10.9	+0.1
GTA2	Gaotai	79.21	314	eP	P	14 49 06.7	-0.6
GTA2	Gaotai	79.21	314	eP	P	14 49 02.4	+0.3
GTA2	Gaotai	79.21	314	eP	P	14 49 10.5	+0.2
GTA2	Gaotai	79.21	314	eP	P	14 49 00.9	+0.8
GTA2	Gaotai	79.21	314	eP	P	14 49 10.9	+0.1
GTA2	Gaotai	79.21	314	eP	P	14 49 06.7	-0.6
GTA2	Gaotai	79.21	314	eP	P	14 49 02.4	+0.3
GTA2	Gaotai	79.21	314	eP	P	14 49 10.5	+0.2
GTA2	Gaotai	79.21	314	eP	P	14 49 00.9	+0.8
GTA2	Gaotai	79.21	314	eP	P	14 49 10.9	+0.1
GTA2	Gaotai	79.21	314	eP</			

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U33K	Whale Pass comp=Z,3um,19.0s	83.24	29	IAMS_20	IAMS_20	15 24 59.2
U33K	Whale Pass bazz=240	83.24	29	P	P	14 49 21.8 -1.1
S32K	Killisnoo comp=Z,3um,20.0s	83.25	28	IAMS_20	IAMS_20	15 24 41.5
S32K	Killisnoo bazz=238	83.25	28	P	P	14 49 21.9 -1.0
YB8	Yreka Blue Hor comp=Z,18nm,1.8s	83.27	45	IAMB	IAMB	14 49 36.2
J25K	Salcha River, comp=Z,36nm,0.9s	83.36	19	IAMB	IAMB	14 49 46.7
J25K	comp=Z,2um,21.0s			IAMS_20	IAMS_20	15 22 08.8
J25K	Salcha River, bazz=228,SNR=35	83.36	19	P	P	14 49 22.2 -1.2
SCRK	Sand Creek comp=Z,2um,20.0s	83.39	20	IAMS_20	IAMS_20	15 25 18.5
SCRK	Sand Creek bazz=229,SNR=26	83.39	20	P	P	14 49 22.7 -1.0
D20K	Etiwuk River comp=Z,2um,20.0s	83.39	13	IAMS_20	IAMS_20	15 26 39.2
D20K	Etiwuk River bazz=217	83.39	13	P	P	14 49 22.4 -1.0
O03E	Paynes Creek comp=Z,82nm,1.3s	83.42	47	IAMB	IAMB	14 49 33.4
H24K	Noodor Dome comp=Z,2um,22.0s	83.44	17	IAMS_20	IAMS_20	15 25 20.8
H24K	Noodor Dome bazz=225	83.44	17	P	P	14 49 23.2 -0.7
G23K	Bananza Creek comp=Z,3um,22.0s	83.46	16	IAMS_20	IAMS_20	15 24 57.3
G23K	Bananza Creek bazz=223,SNR=19	83.46	16	P	P	14 49 23.2 -0.7
BLVC	Beaver Creek bazz=232	83.49	22	P	P	14 49 23.4 -0.7
PVOC	Pleasant Camp bazz=236,SNR=6.6	83.54	26	P	P	14 49 23.2 -1.2
L27K	Beaver Creek, comp=Z,3um,22.0s	83.54	21	IAMS_20	IAMS_20	15 25 06.7
L27K	Beaver Creek bazz=231,SNR=17	83.54	21	P	P	14 49 23.6 -0.8
BRWY	Burwash Landin bazz=234,SNR=20	83.55	23	P	P	14 49 23.9 -0.5
YU6K	Outpost Mounta bazz=235	83.56	24	P	P	14 49 23.4 -1.3
AFDK	Forest Hills D comp=Z,57nm,1.4s	83.58	49	IAMB	IAMB	14 49 35.6
V35K	Ketchikan comp=Z,2um,22.0s	83.59	31	IAMS_20	IAMS_20	15 22 30.2
V35K	Ketchikan bazz=241	83.59	31	P	P	14 49 23.4 -1.2
WELL	Weller Preserv comp=Z,2um,19.0s	83.60	49	IAMS_20	IAMS_20	15 22 56.1
P30M	Million Dollar bazz=236	83.66	25	P	P	14 49 24.0 -1.0
YUK4	Talbot Arm bazz=234,SNR=8.9	83.68	23	P	P	14 49 24.6 -0.7
R32K	Eaglecrest bazz=238	83.70	27	P	P	14 49 24.2 -1.1
CMB	Columbia Colle comp=Z,98nm,1.9s	83.72	50	IAMB	IAMB	14 49 34.1
CMB	comp=Z,3um,19.0s			IAMS_20	IAMS_20	15 26 21.4
L04D	Klamath Falls comp=Z,64nm,1.3s	83.73	45	IAMB	IAMB	14 49 35.1
A19K	Wainwright bazz=212	83.73	11	P	P	14 49 24.1 -1.0
WRAK	Wrangell Islan comp=Z,3um,19.0s	83.76	29	IAMS_20	IAMS_20	15 25 15.1
WRAK	Wrangell Islan bazz=210	83.76	29	P	P	14 49 24.2 -1.3
JIS	Juneau Island	83.77	27	P	P	14 49 33.1 +7.6
E21K	Killik River bazz=219	83.77	14	P	P	14 49 24.3 -1.2
FY7	Haines Junctio bazz=235,SNR=7.3	83.83	24	P	P	14 49 24.9 -1.1
COR	Corvallis comp=Z,2um,19.0s	83.89	43	IAMS_20	IAMS_20	15 25 11.3
PRP	Porcupine Dome comp=Z,2um,19.0s	83.92	18	IAMS_20	IAMS_20	15 26 44.6
PRP	Porcupine Dome bazz=228	83.92	18	P	P	14 49 24.8 -1.6
OSI	Osito Audit: C comp=Z,3um,19.0s	83.94	53	IAMS_20	IAMS_20	15 25 33.6
SKAG	Skagway comp=Z,7,2nm,1.6s	83.98	26	P	P	14 49 34.4 +7.8
SKAG	Skagway bazz=237	83.98	26	P	P	14 49 25.8 -0.8
VES	Vestal, Richgr comp=Z,3um,21.0s	84.03	52	IAMS_20	IAMS_20	15 23 10.8
E22K	Anaktuvuk Pass comp=Z,106nm,1.9s	84.06	15	IAMB	IAMB	14 49 34.8
E22K	comp=Z,3um,21.0s			IAMS_20	IAMS_20	15 26 53.0
E22K	Anaktuvuk Pass bazz=221,SNR=9.0	84.06	15	P	P	14 49 26.1 -0.8
C21K	Knifeblade Rid bazz=218,SNR=20	84.15	13	P	P	14 49 26.7 -0.6
G24K	Hadwezniv Riv bazz=226,SNR=18	84.17	17	P	P	14 49 26.5 -1.0
I04A	Tendick Farm, comp=Z,95nm,1.7s	84.20	44	IAMB	IAMB	14 49 36.2
PASC	Pasadena Art C comp=Z,2um,21.0s	84.24	54	IAMS_20	IAMS_20	15 21 44.5
B20K	Meade River comp=Z,111nm,1.8s	84.32	12	IAMB	IAMB	14 49 35.9
B20K	comp=Z,2um,20.0s			IAMS_20	IAMS_20	15 27 54.8
B20K	Meade River bazz=216,SNR=7.8	84.32	12	P	P	14 49 27.3 -0.8
MWC	Mount Wilson comp=Z,2um,19.0s	84.36	54	IAMS_20	IAMS_20	15 21 46.6
N30M	Aishkik Lake bazz=236,SNR=5.6	84.36	24	P	P	14 49 27.1 -1.5
O30N	Mendenhall comp=Z,55nm,1.9s	84.38	25	IAMB	IAMB	14 49 35.9
O30N	Mendenhall bazz=237	84.38	25	P	P	14 49 27.1 -1.6
M29M	Somme Creek comp=Z,108nm,1.9s	84.40	23	IAMB	IAMB	14 49 36.5
M29M	comp=Z,2um,20.0s			IAMS_20	IAMS_20	15 24 50.4
M29M	Somme Creek bazz=234,SNR=6.0	84.40	23	P	P	14 49 27.6 -1.3
ISA	Isabella Lake comp=Z,3um,21.0s	84.45	52	IAMS_20	IAMS_20	15 23 22.9
B21K	Ikkipuk River comp=Z,2um,21.0s	84.55	13	IAMS_20	IAMS_20	15 25 44.9
B21K	Ikkipuk River bazz=219,SNR=28	84.55	13	P	P	14 49 28.6 -0.6
E23K	Chandalar comp=Z,105nm,1.8s	84.56	15	IAMB	IAMB	14 49 38.8
E23K	comp=Z,2um,22.0s			IAMS_20	IAMS_20	15 26 09.2
E23K	Chandalar bazz=224	84.56	15	P	P	14 49 28.4 -1.1
NLWA	Neilton Lookou comp=Z,2um,18.0s	84.56	40	IAMS_20	IAMS_20	15 27 20.5
G25K	Bearman Lake bazz=227	84.60	17	P	P	14 49 28.6 -1.0
F24K	Squaw Lake comp=Z,75nm,1.8s	84.63	16	IAMB	IAMB	14 49 40.6
F24K	comp=Z,2um,20.0s			IAMS_20	IAMS_20	15 25 33.1
F24K	Squaw Lake bazz=225,SNR=16	84.63	16	P	P	14 49 28.9 -0.9
PNTR	Pine Nut comp=Z,40nm,1.1s	84.64	49	IAMB	IAMB	14 49 39.3
CBB	Campbell River comp=Z,62nm,1.3s	84.66	37	IAMB	IAMB	14 49 39.3
H04A	Detroit Lake comp=Z,92nm,1.4s	84.67	43	IAMB	IAMB	14 49 39.2
BFSC	Mount Baldy Ra comp=Z,92nm,1.5s	84.68	54	IAMB	IAMB	14 49 40.1
BFSC	comp=Z,2um,19.0s			IAMS_20	IAMS_20	15 23 57.1
ELS	Elsinore Mount comp=Z,117nm,1.9s	84.69	54	IAMB	IAMB	14 49 41.5
WIFE	Three Sisters- comp=Z,104nm,1.7s	84.70	44	IAMB	IAMB	14 49 39.2
P32M	Atlin comp=Z,51nm,1.5s	84.75	26	IAMB	IAMB	14 49 39.1
P32M	Atlin bazz=239	84.75	26	P	P	14 49 29.3 -1.3
WHY	Whitehorse comp=Z,87nm,1.6s	84.82	25	IAMB	IAMB	14 49 39.2

WHY	Whitehorse bazz=238	84.82	25	P	P	14 49 29.5 -1.5
E24K	Your Creek comp=Z,2um,21.0s	84.86	16	IAMS_20	IAMS_20	15 23 52.3
E24K	Your Creek bazz=225	84.86	16	P	P	14 49 30.2 -0.8
K05A	Summer Lake comp=Z,108nm,1.5s	84.88	45	IAMB	IAMB	14 49 42.8
N31M	Braeburn, Yuko comp=Z,111nm,1.4s	84.90	24	IAMB	IAMB	14 49 39.7
N31M	Braeburn, Yuko bazz=237	84.90	24	P	P	14 49 30.2 -1.1
L29M	L29M comp=Z,2um,22.0s	84.91	22	IAMS_20	IAMS_20	15 24 07.0
L29M	L29M bazz=235,SNR=12	84.91	22	P	P	14 49 30.8 -0.6
D23K	Nanushuk River comp=Z,3um,20.0s	84.96	14	IAMS_20	IAMS_20	15 27 31.7
D23K	Nanushuk River bazz=222	84.96	14	P	P	14 49 30.9 -0.5
PAHR	Pah Rah Range comp=Z,63nm,1.4s	84.99	48	IAMB	IAMB	14 49 40.9
TOLK	Toolik Lake Re bazz=224,SNR=5.8	84.99	15	P	P	14 49 31.8 +0.1
DAWY	Dawson comp=Z,113nm,1.6s	85.02	21	IAMB	IAMB	14 49 40.5
DAWY	Dawson bazz=231,SNR=11	85.02	21	P	P	14 49 31.1 -0.8
BAR	Barrett comp=Z,88nm,1.8s	85.03	56	IAMB	IAMB	14 49 43.1
BAR	comp=Z,3um,21.0s			IAMS_20	IAMS_20	15 22 34.7
T35M	Bob Quinn comp=Z,3um,21.0s	85.05	29	IAMS_20	IAMS_20	15 23 17.1
T35M	Bob Quinn bazz=232	85.05	29	P	P	14 49 31.4 -0.8
TIN	Tinemaha, Big comp=Z,3um,22.0s	85.05	51	IAMS_20	IAMS_20	15 23 11.7
Q32M	Nakina River bazz=240	85.07	27	P	P	14 49 31.5 -0.9
S34M	Telegraph Cree comp=Z,3um,22.0s	85.07	28	IAMS_20	IAMS_20	15 24 19.7
S34M	Telegraph Cree bazz=241	85.07	28	P	P	14 49 30.9 -1.3
M30M	Minto, Yukon comp=Z,44nm,1.4s	85.11	23	IAMB	IAMB	14 49 40.8
M30M	comp=Z,3um,20.0s			IAMS_20	IAMS_20	15 26 57.3
M30M	Minto, Yukon bazz=231,SNR=18	85.11	23	P	P	14 49 31.1 -1.2
CLC	China Lake comp=Z,50nm,1.2s	85.18	52	IAMB	IAMB	14 49 42.0
LHV	Little Huntoon comp=Z,111nm,1.3s	85.20	50	IAMB	IAMB	14 49 43.0
PINE	Pine Mountain comp=Z,118nm,1.7s	85.20	44	IAMB	IAMB	14 49 44.3
I27K	Kandik River comp=Z,3um,21.0s	85.21	19	IAMS_20	IAMS_20	15 26 26.8
I27K	Kandik River bazz=231,SNR=19	85.21	19	P	P	14 49 32.2 -0.6
MAW	Mawson comp=Z,5,1nm,1.2s	85.26	202	P	P	14 49 33.0 -0.1
MAW	Mawson comp=Z,5nm,0.9s,bazz=103,slow=9.4,SNR=12	85.26	202	P	P	14 49 31.9 -1.1
MAW	Mawson bazz=232	85.26	202	P	P	14 49 31.2 -1.8
MAW	MAW bazz=232	85.26	202	P	P	14 49 31.2 -1.8
GNW	Green Mountain comp=Z,6,0nm,1.2s	85.28	40	IAMB	IAMB	14 49 41.7
PGC	Sidney comp=Z,47nm,1.4s	85.29	39	IAMB	IAMB	14 49 42.2
F25K	Christian River comp=Z,109nm,1.6s	85.30	17	IAMB	IAMB	14 49 42.9
F25K	comp=Z,2um,20.0s			IAMS_20	IAMS_20	15 28 22.0
F25K	Christian River bazz=227,SNR=8.0	85.30	17	P	P	14 49 32.6 -0.6
MPMC	Manual Prospec comp=Z,56nm,1.6s	85.33	52	IAMB	IAMB	14 49 42.8
MPMC	comp=Z,3um,21.0s			IAMS_20	IAMS_20	15 24 01.2
DSP	Deep Springs comp=Z,38nm,1.1s	85.34	51	IAMB	IAMB	14 49 50.0
B22K	Teshekpuk Lake comp=Z,2um,21.0s	85.37	13	IAMS_20	IAMS_20	15 23 01.5
B22K	Teshekpuk Lake bazz=220,SNR=14	85.37	13	P	P	14 49 32.8 -0.6
BORC	Borrego Spring comp=Z,111nm,1.4s	85.40	55	IAMB	IAMB	14 49 43.1
NVAR	Mina Array Bea comp=Z,10nm,0.8s,bazz=231,slow=8.4,SNR=40	85.40	50	P	P	14 49 34.2 -0.4
NVAR	comp=Z,10nm,0.8s			IAMS_20	IAMS_20	15 24 33.2 -1.3
G26K	Porcupine Riv comp=Z,2um,22.0s	85.41	18	P	P	14 49 33.4 -0.3
G26K	Porcupine Riv bazz=229,SNR=16	85.41	18	P	P	14 49 33.0 -1.1
P33M	Teshekpuk Lake bazz=240	85.46	26	P	P	14 49 33.0 -1.1
PFO	Pinyon Flats O comp=Z,2um,19.1s,bazz=250,slow=31	85.46	55	LR	LR	15 21 24.4
PFO	Pinyon Flats O bazz=250	85.46	55	P	P	14 49 33.6 -1.2
PFO	Pinyon Flats O comp=Z,45nm,1.4s	85.46	55	IAMB	IAMB	14 49 43.4
PFO	Pinyon Flats O comp=Z,2um,19.0s	85.46	55	P	P	15 21 04.0
PFO	Pinyon Flats O bazz=					

KOTAN	Kotaneleele Air	89.33	28	P	P	14 49 50.3	-2.5
INK	Inuvik	89.38	19	P	P	14 49 50.9	-1.9
INK	Inuvik	89.38	19	P	P	14 49 50.9	-1.9
INK	comp=Z,47nm,1.8s						
INK	Inuvik	89.38	19	P	P	14 49 50.6	-2.1
HLID	Halley	89.66	46	I	Amb	14 50 03.6	
X16A	Lo Mia Camp, P	89.70	55	Amb	Amb	14 50 06.8	
TUC	Tucson	89.77	57	P	P	14 49 53.6	-1.9
TUC	Tucson	89.77	57	P	P	14 49 53.6	-1.9
DUG	Dugway, Tooele	89.98	49	I	Amb	14 50 05.0	
DUG	comp=Z,74nm,1.4s						
BGU	Big Grassy Mts	89.98	46	I	Amb	14 50 05.8	
WUAZ	Wupakti	90.00	54	I	Amb	15 24 54.0	
WRGLY	Wrigley	90.79	25	P	P	14 49 57.2	-2.3
MSO	Missoula	90.82	43	I	Amb	15 26 28.6	
HYB	Hyderabad	90.96	287	eP	eP	14 50 00.1	
HYB	Hyderabad			eP	eP	14 50 01.0	
HYB	Hyderabad			eP	eP	14 53 36.0	
HYB	Hyderabad			eP	eP	14 54 53.5	
HYB	Hyderabad			eP	eP	15 00 31.1	
HYB	Hyderabad			eP	eP	15 00 45.4	
TMUT	Trail Mountain	90.97	50	I	Amb	14 50 11.7	
HMU	Henry Mountain	91.03	52	I	Amb	14 50 10.9	
HWU	Hardwe Ranch	91.23	48	I	Amb	14 50 10.3	
DLMT	Dillon	91.36	44	I	Amb	15 29 46.3	
P17A	comp=Z,21m,19.0s						
P17A	Butcher Ranch	91.37	50	I	Amb	14 50 11.7	
BSUT	Blindstream Ca	91.58	49	I	Amb	14 50 13.4	
ZSN	Zaisan	92.00	318	eP	eP	14 50 05.5	0.0
ZSN	Zaisan			eP	eP	14 50 05.5	0.0
ZSN	comp=Z,38nm,2.1s						
ZSN	Zaisan	92.00	318	eP	eP	14 50 05.6	0.0
ZSN	Zaisan			eP	eP	15 27 36.6	
FOX	Fox Creek	92.06	46	I	Amb	15 20 18.2	
BOZ	Bozeman (W)	92.08	44	I	Amb	14 50 18.2	
YHB	Horse Butte	92.19	45	I	Amb	14 50 16.4	
MOOV	Moose Ponds	92.29	46	I	Amb	14 50 15.5	
MOOV	Moose Ponds			I	Amb	15 27 40.9	
121A	Cookes Peak, D	92.29	57	I	Amb	14 50 16.5	
LOHW	Long Hollow	92.36	46	I	Amb	15 27 30.4	
FLWY	Flag Ranch	92.39	46	I	Amb	15 27 45.2	
H17A	Grant Village	92.55	45	I	Amb	14 50 18.6	
MVCO	Mesa Verde	92.62	53	I	Amb	15 26 06.4	
PV22	Blue Mesa, Par	92.66	51	I	Amb	14 50 17.4	
C36M	Paulatuk	92.91	19	P	P	14 50 06.6	-2.5
BW06	Boulder Array	92.93	47	I	Amb	14 50 17.9	
PD31	Pinedale Array	92.93	47	I	Amb	14 50 18.0	
PDAR	Pinedale Array	92.93	47	P	P	14 50 09.4	-0.8
PDAR	Pinedale Array			P	P	14 50 08.7	-1.6
O20A	White Ranch	93.39	50	I	Amb	15 28 26.3	
ZAAO	Zalesovo Array	93.53	324	I	Amb	14 50 20.7	
ZALV	Zalesovo Beam	93.53	324	P	P	14 50 09.3	-3.0
ZALV	Zalesovo Beam			P	P	14 50 10.0	-2.4
ZALV	Zalesovo Beam			P	P	14 50 10.0	-2.4
MK31	Makanchi Array	93.57	317	eP	eP	14 50 09.5	-3.3
MKAR	Makanchi Array	93.57	317	eP	eP	14 50 09.5	-3.3
MKAR	Makanchi Array			eP	eP	15 07 24.8	+4.7
MKAR	Makanchi Array			eP	eP	14 50 13.6	+0.8
A36M	Sachs Harbour	93.59	17	I	Amb	14 50 20.1	
A36M	Sachs Harbour			I	Amb	15 32 06.9	
AL3M	Sachs Harbour	93.59	17	P	P	14 50 10.5	-1.7
R36T	Red Lodge	93.61	45	I	Amb	15 29 32.7	
TASM	ASL Pad, Albuq	93.82	55	I	Amb	15 27 31.8	
TASM	ASL Pad, Albuq	93.82	55	I	Amb	15 27 31.8	
TASM	ASL Pad, Albuq	93.82	55	I	Amb	15 27 31.8	
ALQ	Albuquerque	93.83	55	I	Amb	15 27 31.8	
ALQ	Albuquerque	93.83	55	I	Amb	15 27 32.4	
ANMO	Albuquerque	93.83	55	P	P	14 50 13.1	-1.3
ANMO	Albuquerque	93.83	55	I	Amb	15 27 32.5	
ANMO	Albuquerque	93.83	55	I	Amb	15 27 32.4	
ANMO	Albuquerque	93.83	55	eP	eP	14 50 13.3	-1.2
ELIB	Princess Elisa	94.01	191	eP	eP	14 50 15.8	+1.3
S22A	4UR Ranch, Cre	94.03	53	I	Amb	15 29 13.0	
HAYD	Hayden	94.19	50	I	Amb	15 28 52.6	
VHRN	Van Horn	94.33	60	I	Amb	14 50 25.0	
YKA	Yellowknife Ar	94.41	27	P	P	14 50 13.6	-2.6
SHLS	Shalkode	94.87	313	eP	eP	14 50 17.4	-1.5
SHLS	Shalkode			eP	eP	14 50 17.5	-1.5
UZZ	Uzzybulak	95.18	313	eP	eP	14 50 20.3	-0.1
UZZ	Uzzybulak			eP	eP	14 50 20.4	-0.1
TX31	Lajitas Ar, Si	95.22	61	I	Amb	14 50 31.6	
TXAR	Lajitas Array	95.22	61	P	P	14 50 19.8	-1.0
TXAR	Lajitas Array			P	P	14 50 14.0	-0.9
TXAR	Lajitas Array			P	P	15 29 09.3	
TXAR	Lajitas Array			P	P	14 50 18.8	-2.1
TXAR	Lajitas Array			P	P	14 50 18.8	-2.1
SATY	Saty	95.61	313	eP	eP	14 50 22.3	-0.1
T25A	Trinidad	95.83	53	I	Amb	15 29 20.2	
TDK	Taldyqorghon	95.92	315	eP	eP	14 50 23.6	0.0
TDK	Taldyqorghon	95.92	315	eP	eP	14 50 23.6	0.0

NR1K	Noril'sk	95.93	340	P	P	14 50 22.4	-0.6
NR1K	Noril'sk			P	P	14 50 23.0	0.0
NR1K	Noril'sk			eP	eP	14 50 23.0	0.0
NR1K	Noril'sk			eP	eP	14 50 23.0	0.0
LAO	LASA Array	95.98	44	I	Amb	15 32 49.3	
MDOK	Medeo	96.61	313	eP	eP	14 50 26.7	-0.2
MDOK	Medeo	96.61	313	eP	eP	14 50 26.8	-0.2
KURK	Kurchatov	96.66	320	P	P	14 50 24.3	-2.4
KURK	Kurchatov	96.66	320	I	Amb	15 38 04.6	
KURK	Kurchatov	96.66	320	eP	eP	14 50 24.1	-2.6
KURK	Kurchatov			eP	eP	14 50 24.3	-2.6
KURKB	Kurchatov Ar	96.70	320	P	P	14 50 24.3	-2.6
KURKB	Kurchatov Ar			P	P	14 50 23.3	+1.3
AAA	Alma-Ata	96.71	313	eP	eP	14 50 27.3	0.0
AAA	Alma-Ata	96.71	313	eP	eP	14 50 27.3	0.0
TROLL	Troll, Antarti	96.81	185	eP	eP	14 50 28.4	+1.1
NVL	N'lazarevskaya	96.92	188	eS	eS	14 50 22.8	-4.8
NVL	N'lazarevskaya			eS	eS	15 00 56.0	-6.0
NVL	comp=Z,4.0nm,0.6s			eS	eS	15 00 56.0	-6.0
NVL	comp=Z,2.1m,17.0s			MLR	MLR	15 30 22.9	
RSSD	Black Hills	97.12	47	I	Amb	15 30 22.9	
KSCO	Kaye Shedlock	97.49	52	I	Amb	15 32 60.0	
UNM	Universidad Na	97.73	72	I	Amb	15 33 28.0	
VNA3	Neumayer Olymp	98.24	181	eP	eP	14 50 30.6	-3.0
SGDS	Sogindny	98.40	313	eP	eP	14 50 34.6	-0.3
AAK	Ala-Archa	98.40	312	I	Amb	15 35 50.2	
BTLs	Baital	98.99	314	eP	eP	14 50 37.2	-0.2
BTLs	Baital	98.99	314	eP	eP	14 50 37.3	-0.2
CBKs	Cedar Bluff	99.70	52	I	Amb	15 31 38.2	
K30B	Basse	100.16	48	I	Amb	15 35 42.5	
OK038	West end E0370	100.25	55	I	Amb	15 33 20.5	
R32A	Long Quarter	100.46	53	I	Amb	15 28 47.9	
SUSD	Miller	100.79	47	I	Amb	15 31 17.8	
BGNE	Belgrade	101.15	50	I	Amb	15 32 21.6	
OK052	Battle Ridge R	101.77	55	I	Amb	15 35 35.8	
BVAR	Borovoye Array	101.94	322	P	P	14 50 48.6	-1.8
BORK	Borovoye Array			P	P	15 42 06.5	
T35A	Sooner Cattle	102.08	54	I	Amb	15 31 36.8	
KSU1	Kansas State U	102.16	52	I	Amb	15 31 31.6	
L34A	Svensden Farm	102.51	49	I	Amb	15 30 08.7	
F33A	5 Mile Ranch	102.75	45	I	Amb	14 50 35.6	
AGMN	Agassiz Nation	103.12	43	I	Amb	15 33 58.1	
U38A	Gravette	103.75	55	I	Amb	15 35 30.2	
P38A	Dawn	104.56	52	I	Amb	15 34 30.3	
S39A	Bolivar	104.66	54	I	Amb	15 40 34.1	
I37A	comp=Z,21m,19.0s						
I37A	Lenora, Wasco	104.76	47	I	Amb	15 37 53.0	
SCIA	State Center	104.86	49	I	Amb	15 34 39.5	
SPMN	Marine on St.	105.19	46	I	Amb	15 37 05.2	
R40A	Maddies Statio	105.51	53	I	Amb	15 32 06.1	
P40A	Paris	105.71	52	I	Amb	15 35 03.6	
E38A	The Farm, Brul	106.04	45	I	Amb	15 36 06.7	
EYMN	Ely	106.04	43	I	Amb	15 40 27.2	
M33A	Cathedral Cave	106.31	53	I	Amb	15 37 57.8	
G40A	Rib Lake	107.03	46	I	Amb	15 36 38.8	
JFWS	Jewell Farm	107.06	48	I	Amb	15 41 52.0	
Y45A	Yeager Farm, C	107.62	58	I	Amb	15 35 25.3	
Q44A	Meyer Farm, Va	108.06	53	I	Amb	15 39 23.0	
F42A	Maple Grove Fa	108.45	45	I	Amb	15 37 51.1	
K43A	Burlington	108.47	49	I	Amb	15 39 03.5	
ARTI	Arti	108.68	326	I	Amb	15 44 59.4	
H43A	Windswept, Lux	108.79	47	I	Amb	15 37 43.6	
A46A	Rosedale	109.45	52	I	Amb	15 38 03.6	
T47A	Sharon Grove	109.61	55	I	Amb	15 45 52.2	
I45A	comp=Z,21m,18.0s						
I45A	countdown	109.92	47	I	Amb	15 39 22.6	
JTS	Las Juntas de	110.15	83	I	Amb	15 33 49.4	
250A	Grady	110.36	60	I	Amb	15 34 33.5	
N47A	Alum Creek Sta	110.54	50	I	Amb	15 38 58.4	
HDC	Heredia	110.93	83	I	Amb	15 30 00.2	
J47A	Summer	111.01	48	I	Amb	15 44 40.0	
X51A	Calhoun	111.50	57	I	Amb	15 41 23.5	
352A	Blakely	111.50	60	I	Amb	15 42 06.9	
I49A	Point Hope	112.38	47	I	Amb	15 41 09.2	
ACSO	Alum Creek Sta	112.65	51	I	Amb	15 40 01.3	
K50A	Casco	112.66	48	I	Amb	15 44 12.8	
656A	Willston	113.59	63	I	Amb	15 40 56.9	
456A	Hilliard	114.01	61	I	Amb	15 35 54.3	
SS4A	Dingess, Beckl	114.17	53	I	Amb	15 42 11.7	
DWPF	Disney Wildern	114.58	64	I	Amb	15 44 48.1	
LVZ	Loverozo	114.64	342	I	Amb	15 51 13.2	
ERPA	Erie	114.68	49	I	Amb	15 39 34.6	
257A	Skiway Islan	114.81	60	I	Amb	15 44 10.9	
OTAV	Otavallo	114.89	95	I	Amb	15 35 37.2	
R55A	Marlinton	115.06	53	I	Amb	15 40 13.2	
APA	Apacity	115.22	342	eP	eP	14 50 45.0	+3.0
APA	Apacity			eP	eP	14 56 38.7	
APA	comp=Z,9.0nm,1.2s			MLR	MLR	15 39 17.4	
060A	Indianotun	115.55	65	I	Amb	15 39 17.4	
KEV	Kevo	115.56	345	I	Amb	15 51 26.2	
ARCS	ARCSS Array B	116.08	346	PKP	PKP	14 55 39.	

7d 14h

TNA	comp=Z,46nm,1.2s Tin City	78.45	11	P	P	14 55 24.1 +0.8
J17K	VABM Dome baz=206,SNR=10.0	78.52	15	P	P	14 55 25.2 +1.4
BILL	Bilibino	78.53	0	P	P	14 55 22.8 -0.9
BILL	Bilibino	78.53	0	P	P	14 55 22.8 -0.9
BILL						
I17K	Unalakleet comp=Z,169nm,1.3s	78.53	14	Iamb	Iamb	14 55 33.7
I17K	Unalakleet comp=Z,135nm,1.4s	78.53	14	P	P	14 55 25.1 +1.4
SOMM	Songino Array comp=Z,3.9nm,0.8s,baz=138,slow=6.3,SNR=7.8	78.63	324	P	P	14 55 24.1 -0.8
SOMM						15 27 54.3
SOMM	comp=Z,2.2um,21.2s,baz=117,slow=34 comp=Z,3.9nm,0.8s	78.63	324	P	P	14 55 24.1 -0.8
F14K	Arctic Creek baz=208,SNR=6.0	78.67	11	P	P	14 55 25.4 +0.8
G15K	Niukluk baz=216	78.72	12	P	P	14 55 25.9 +1.2
L19K	White Mountain baz=219,SNR=10	78.72	18	P	P	14 55 26.2 +1.3
SPCR	Spurr Chakacha baz=222	78.79	19	P	P	14 55 26.6 +1.3
H16K	Elm baz=212	78.80	13	P	P	14 55 26.3 +1.0
CAPN	Captain Cook N baz=223	78.81	20	P	P	14 55 26.6 +1.3
SEW	Seward baz=224	78.91	21	P	P	14 55 27.3 +1.4
SLM	Skilak Lake comp=Z,141nm,1.3s	79.01	18	P	P	14 55 26.7 +0.1
M20K	Styx River baz=221,SNR=8.0	79.18	314	eP	P	14 55 28.8 +0.7
GT2A	Gaotai			pP	pP	14 55 36.4 0.0
GT2A				PP	PP	14 58 29.8 +1.8
GT2A				S	S	15 05 30.4 +4.4
GT2A				SS	SS	15 10 29.8 -3.3
GT2A	comp=Z,5.0nm,1.1s					
GT2A	comp=Z,390nm,7.6s					
GT2A	comp=Z,2um,16.8s					
GT2A	comp=Z,2um,17.5s					
GT2A	comp=Z,3um,19.6s					
F15K	North Star Dit baz=209,SNR=7.7	79.21	12	P	P	14 55 28.5 +1.0
QSPA	South Pole Qui comp=Z,7.7nm,1.1s,baz=272,slow=0.4,SNR=17	79.31	180	P	P	14 55 27.4 -0.9
QSPA						15 29 16.8
QSPA	comp=Z,2um,18.1s,baz=32,slow=35					
QSPA	South Pole Qui comp=Z,7.7nm,1.1s	79.31	180	P	P	14 55 28.0 -0.4
G16K	Koyuk River comp=Z,65nm,0.9s	79.42	13	Iamb	Iamb	14 55 38.2
G16K	Koyuk River baz=211	79.42	13	P	P	14 55 29.7 +1.0
RC01	Rabbit Creek A baz=224,SNR=9.1	79.52	20	P	P	14 55 30.3 +1.0
P23K	Montague Island baz=226	79.57	22	P	P	14 55 30.2 +0.6
Q23K	Middleton Isla baz=227	79.57	23	P	P	14 55 29.4 -0.1
SKT	Skwentna baz=222	79.58	19	P	P	14 55 30.8 +1.2
H17K	Granite Moun comp=Z,10nm,1.5s	79.59	14	Iamb	Iamb	14 55 39.7
H17K	Granite Moun baz=214	79.59	14	P	P	14 55 30.2 +0.6
K20K	Telida comp=Z,106nm,1.4s	79.86	17	Iamb	Iamb	14 55 41.1
K20K	Telida baz=220,SNR=13	79.86	17	P	P	14 55 31.7 +0.5
M22K	Willow baz=224,SNR=8.8	79.87	20	P	P	14 55 31.9 +0.7
G17K	Kiwalik Moun baz=213,SNR=24	79.89	13	P	P	14 55 32.5 +1.3
J19K	Poorman comp=Z,126nm,1.5s	79.92	16	Iamb	Iamb	14 55 41.7
J19K	Poorman baz=218	79.92	16	P	P	14 55 32.5 +1.0
PPLA	Purkeypile baz=222,SNR=6.3	80.06	18	P	P	14 55 32.9 +0.5
PMR	Palmer baz=225,SNR=7.9	80.09	20	P	P	14 55 32.2 -0.1
H18K	Honhosa River baz=215	80.15	14	P	P	14 55 32.4 -0.2
HIN	Hinchinbrook I comp=Z,110nm,1.3s	80.17	22	Iamb	Iamb	14 55 42.2
KNK	Knik Glacier comp=Z,168nm,1.8s	80.19	20	Iamb	Iamb	14 55 40.9
KNK	Knik Glacier baz=225	80.19	20	P	P	14 55 32.7 -0.2
GCSA	Galena City Sc baz=217,SNR=7.8	80.19	15	P	P	14 55 32.6 -0.1
L22K	Petersville baz=223,SNR=7.7	80.23	19	P	P	14 55 32.8 -0.3
GLI	Glacier Island baz=226,SNR=8.3	80.29	21	P	P	14 55 33.5 0.0
CUT	Chulitna baz=223	80.30	19	P	P	14 55 33.0 -0.5
J20K	Nowinta River comp=Z,12m,1.4s	80.47	16	Iamb	Iamb	14 55 43.6
J20K	Nowinta River baz=220,SNR=19	80.47	16	P	P	14 55 33.8 -0.6
CAST	Castle Rocks baz=222,SNR=23	80.49	18	P	P	14 55 34.2 -0.3
SML	Sawmill comp=Z,109nm,1.5s	80.51	20	Iamb	Iamb	14 55 42.5
SML	Sawmill baz=225,SNR=10	80.51	20	P	P	14 55 34.0 -0.7
EYAK	Cordova Ski A comp=Z,60nm,1.2s	80.55	22	Iamb	Iamb	14 55 43.6
EYAK	Cordova Ski A baz=228	80.55	22	P	P	14 55 34.5 -0.3
F17K	Baldwin Pennin baz=212	80.56	13	P	P	14 55 34.6 -0.1
KAIM	Kayak Island comp=Z,98nm,1.0s	80.63	23	Iamb	Iamb	14 55 45.2
KAIM	Kayak Island baz=229	80.63	23	P	P	14 55 35.1 -0.2
G18K	Tagagawik comp=Z,98nm,1.4s	80.69	14	P	P	14 55 35.5 0.0
G18K	Tagagawik baz=215,SNR=19	80.69	14	P	P	14 55 35.5 0.0
M23K	Glacier View baz=226	80.70	20	P	P	14 55 35.9 +0.2
CHUM	Lake Minchum baz=221,SNR=9.0	80.77	17	P	P	14 55 36.2 +0.2
RAGM	Ragged Moun comp=Z,89nm,1.4s	80.84	22	Iamb	Iamb	14 55 46.1
I20K	Naaghdeneel baz=219,SNR=8.8	80.86	16	P	P	14 55 36.8 +0.4
SCM	Sheep Creek Mo comp=Z,64nm,1.1s	80.87	20	Iamb	Iamb	14 55 43.9
SCM	Sheep Creek Mo baz=226,SNR=9.9	80.87	20	P	P	14 55 36.6 0.0
H19K	Roundabout Mou comp=Z,117nm,1.4s	80.92	15	Iamb	Iamb	14 55 46.9
H19K	Roundabout Mou baz=217,SNR=1.7	80.92	15	P	P	14 55 36.8 +0.1
DIV	Divide comp=Z,146nm,1.5s	80.93	21	Iamb	Iamb	14 55 46.3
E17K	Hotham Inlet baz=212,SNR=14	80.98	12	P	P	14 55 37.3 +0.3
F18K	Selawik baz=214	81.04	13	P	P	14 55 37.4 +0.1
TRF	Thorofare Moun baz=223,SNR=15	81.06	18	P	P	14 55 37.3 -0.4
KLU	Klutina baz=228,SNR=7.9	81.12	21	P	P	14 55 37.8 -0.2
BERG	Berg Lake comp=Z,111nm,1.0s	81.21	23	Iamb	Iamb	14 55 46.5
BMRM	Bremner River baz=229,SNR=16	81.25	22	P	P	14 55 38.6 -0.1
WAT6	Susitna Moun baz=226,SNR=11	81.25	20	P	P	14 55 38.9 +0.2
D17K	Noatak River baz=210,SNR=8.4	81.26	11	P	P	14 55 38.7 +0.2
G19K	Purcell Moun comp=Z,100nm,1.1s	81.26	14	Iamb	Iamb	14 55 48.0

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G19K	Purcell Moun baz=216,SNR=17	81.26	14	P	P	14 55 38.7 +0.1
H20K	Antoleneega Mo baz=219,SNR=15	81.30	15	P	P	14 55 39.0 +0.2
C16K	Lisborne Hills baz=208	81.34	10	P	P	14 55 39.2 +0.3
M24K	Tolsona, Glenn baz=227,SNR=20	81.45	21	P	P	14 55 39.6 -0.1
RND	Reindeer comp=Z,151nm,1.5s	81.47	19	Iamb	Iamb	14 55 48.9
E18K	Tukpehlearik C baz=213	81.52	12	P	P	14 55 39.8 -0.1
RDOG	Red Dog Mine comp=Z,117nm,1.2s	81.60	11	Iamb	Iamb	14 55 50.4
RDOG	Red Dog Mine baz=211,SNR=6.1	81.60	11	P	P	14 55 40.6 +0.3
GOMU	GeErMu	81.61	309	P	P	14 55 41.8 +0.2
GOMU				SS	SS	15 11 10.4 +0.4
GOMU	comp=Z,3.0nm,0.7s					
GOMU	comp=Z,720nm,17.7s					
GOMU	comp=Z,1um,17.9s					
GOMU	comp=Z,2um,18.8s					
ZAK	Zakamensk	81.65	325	eP	pmax	14 55 40.6 -0.5
F19K	Shalerucik Mo baz=216,SNR=40	81.66	14	P	P	14 55 40.7 0.0
CRQE	Cirque baz=230,SNR=7.0	81.67	23	P	P	14 55 40.9 -0.1
N25K	Chitina, Valde baz=229,SNR=7.8	81.67	21	P	P	14 55 40.9 0.0
MCK	McKinley delong,SNR=8.2	81.68	19	P	P	14 55 41.0 +0.1
DHY	Denali Highway comp=Z,70nm,1.2s	81.72	19	Iamb	Iamb	14 55 51.3
DHY	Denali Highway baz=226,SNR=9.9	81.72	19	P	P	14 55 41.7 +0.5
MESA	Mesa baz=231,SNR=8.5	81.84	17	P	P	14 55 42.1 +0.4
I21K	Tanana baz=222	81.91	11	P	P	14 55 41.5 -0.4
C17K	Delong Moun baz=210	81.98	16	Iamb	Iamb	14 55 51.8
H21K	Melozitna Rive comp=Z,62nm,1.2s	81.98	16	P	P	14 55 42.3 -0.1
H21K	Melozitna Rive baz=221,SNR=12	81.98	16	P	P	14 55 42.3 -0.1
IRK	Irkutsk	81.99	327	eP	pmax	14 55 30.5 -1.2
IRK						
HARP	HAARP comp=Z,36nm,3.3s	82.00	21	Iamb	Iamb	14 56 02.0
HARP	HAARP baz=228,SNR=6.0	82.00	21	P	P	14 55 42.5 0.0
MLY	Manley comp=Z,102nm,1.6s	82.08	17	Iamb	Iamb	14 55 51.4
MLY	Manley baz=223,SNR=14	82.08	17	P	P	14 55 42.8 -0.1
KMRA	McCarthy VSAT baz=229,SNR=6.9	82.10	22	P	P	14 55 43.0 -0.1
CMR	Mail Ridge comp=Z,89nm,1.2s	82.11	47	Iamb	Iamb	14 55 52.4
NEA2	Nenana comp=Z,137nm,1.6s	82.16	18	P	P	14 55 52.5
NEA2	Nenana baz=224,SNR=24	82.16	18	P	P	14 55 43.4 -0.4
PAX	Paxson baz=228,SNR=6.2	82.28	20	P	P	14 55 43.5 -0.6
E19K	Redstone River baz=216	82.29	13	P	P	14 55 43.6 -0.4
F20K	Avaraart Lake comp=Z,58nm,1.2s	82.32	14	Iamb	Iamb	14 55 53.5
F20K	Avaraart Lake baz=219,SNR=22	82.32	14	P	P	14 55 44.2 +0.1
P1NM	Pinnacle baz=233,SNR=7.3	82.37	24	P	P	14 55 44.2 -0.4
C18K	Utukok River comp=Z,12nm,1.3s	82.44	11	P	P	14 55 44.5 -0.3
G21K	Allakaket baz=220	82.45	15	P	P	14 55 44.5 -0.4
LOGN	Logan Glacier comp=Z,51nm,1.2s	82.52	23	Iamb	Iamb	14 55 52.9
H22K	Ishliina Cre comp=Z,152nm,1.9s	82.55	16	Iamb	Iamb	14 55 55.3
H22K	Ishliina Cre baz=222,SNR=20	82.55	16	P	P	14 55 45.4 0.0
I23K	Mirny Yukon-K baz=224,SNR=8.3	82.57	17	P	P	14 55 45.5 +0.1
KHBM	Hayfork Bally comp=Z,60nm,1.4s	82.62	46	Iamb	Iamb	14 55 56.3
MHC	Mount Hamilton comp=Z,59nm,1.3s	82.63	50	Iamb	Iamb	14 55 55.5
O02D	Mt. Diablo Mer comp=Z,73nm,1.1s	82.75	47	Iamb	Iamb	14 55 57.4
SIT	Sitka baz=238	82.75	28	P	P	14 55 45.7 -0.8
M26K	Nabesna, AK baz=230,SNR=16	82.77	21	P	P	14 55 45.9 -0.7
HDA	Harding Lake baz=226,SNR=27	82.78	19	P	P	14 55 45.2 -1.4
O28M	Mount Upton comp=Z,74nm,1.1s	82.80	23	Iamb	Iamb	14 55 57.0
O28M	Mount Upton baz=233,SNR=16	82.80	23	P	P	14 55 46.3 -0.8
COLA	College comp=Z,58nm,0.9s	82.83	18	Iamb	Iamb	14 55 45.6 -1.1
COLA	College	82.83	18	eP	pmax	14 55 56.0
COLA	College comp=Z,67nm,0.9s	82.83	18	P	P	14 55 44.2 -2.5
COLA	College baz=225	82.83	18	P	P	14 55 46.6 -0.1
S1K	Pelican baz=237					

G26K	Porcupine Rive	85.47	18	P	P	14 55 59.7	-0.4
NVAR	Mina Array Bea	85.48	50	P	P	14 55 59.5	-1.7
BORC	Borrogo Spring	85.48	55	Iamb	Iamb	14 56 09.8	
P33M	Teslin, Yukon	85.52	26	P	P	14 56 00.8	+0.1
PFO	Pinyon Flats O	85.55	55	P	P	14 56 00.4	-1.1
PFO	Pinyon Flats O	85.55	55	P	P	14 56 10.1	
PFO	Pinyon Flats O	85.55	55	eP	pmax	14 55 58.4	-3.1
A21K	Barrow	85.55	11	P	P	14 56 00.4	0.0
D24K	Happy Valley	85.61	15	Iamb	Iamb	14 56 11.4	
D24K	Happy Valley	85.61	15	P	P	14 56 01.4	+0.6
A22K	Sinclair Lake	85.61	12	P	P	14 56 01.4	+0.7
K29M	Barlow Dome	85.62	22	Iamb	Iamb	14 56 11.2	
K29M	Barlow Dome	85.62	22	P	P	14 56 01.4	+0.3
C23K	Illikil River	85.67	14	P	P	14 56 01.8	+0.7
H27K	Steamboat Moun	85.70	19	P	P	14 56 01.4	0.0
J29N	Klondike Camp	85.72	21	P	P	14 56 01.7	+0.1
I28M	Minor Creek	85.73	20	P	P	14 56 01.6	0.0
E25K	Arctic Village	85.74	16	P	P	14 56 01.8	+0.2
GRAC	Grapevine Rang	85.78	51	Iamb	Iamb	14 56 11.3	
TIXI	Tiksi	85.82	349	LR	LR	15 34 36.9	
TIXI	Tiksi	85.82	349	P	P	14 56 01.1	-0.7
TIXI	Tiksi	85.82	349	Iamb	Iamb	14 56 10.1	
TIXI	Tiksi	85.82	349	eP	pmax	14 56 01.6	-0.2
F26K	Sheenjek River	85.85	17	Iamb	Iamb	14 56 12.3	
F26K	Sheenjek River	85.85	17	P	P	14 56 02.5	+0.3
Q32M	Queen of Sheba	85.87	52	Iamb	Iamb	14 56 11.4	
N23M	Quiet Lake	85.89	25	P	P	14 56 01.9	-0.5
M31M	Drury Creek, Y	85.91	24	P	P	14 56 02.0	-0.5
DLBC	Dease Lake	85.91	28	LR	LR	15 26 33.8	
DLBC	Dease Lake	85.91	28	P	P	14 56 02.2	-0.4
R33M	Jennings River	85.93	27	P	P	14 56 01.8	-1.0
FURC	Furnace Creek,	86.01	52	Iamb	Iamb	14 56 12.3	
G27K	Doyon Strip	86.02	18	Iamb	Iamb	14 56 12.7	
G27K	Doyon Strip	86.02	18	P	P	14 56 02.7	-0.3
C24K	Franklin Bluff	86.05	14	P	P	14 56 02.6	-0.3
GWY	Greentower Val	86.09	52	Iamb	Iamb	14 56 12.6	
TPH	Tonopah	86.19	50	Iamb	Iamb	14 56 13.2	
I29M	Ogilvie Camp,	86.22	20	P	P	14 56 03.0	-1.0
WCT	Wildcat Mounta	86.29	52	Iamb	Iamb	14 56 13.8	
D25K	Kavik River	86.35	15	Iamb	Iamb	14 56 14.4	
D25K	Kavik River	86.35	15	P	P	14 56 03.2	-1.3
I07A	Izeze	86.36	44	Iamb	Iamb	14 56 13.2	
WVOR	Wild Horse Val	86.45	46	Iamb	Iamb	14 56 14.4	
J30M	Hart River	86.47	21	P	P	14 56 04.6	-0.8
TPNV	Topopah Spring	86.62	52	Iamb	Iamb	14 56 15.6	
H29M	Whitestone	86.71	20	Iamb	Iamb	14 56 15.4	
H29M	Whitestone	86.71	20	P	P	14 56 05.5	-0.8
MTPC	Mountain Pass	86.77	53	Iamb	Iamb	14 56 16.3	
I30M	Mount Dempster	86.81	21	P	P	14 56 05.9	-1.1
J08A	Circle Bar Ran	86.84	45	Iamb	Iamb	14 56 16.1	
E27K	Coleen River	86.91	17	P	P	14 56 06.4	-0.9
F28M	Old Crow	87.06	18	Iamb	Iamb	14 56 17.6	
F28M	Old Crow	87.06	18	P	P	14 56 06.5	-1.5
HAWA	Hamford	87.08	42	Iamb	Iamb	14 56 17.1	
G08A	Pilot Rock	87.11	43	Iamb	Iamb	14 56 17.2	
C26K	Camden Bay	87.13	15	P	P	14 56 07.2	-1.1
BLYC	Blythe	87.14	55	Iamb	Iamb	14 56 18.3	
G29M	Pine Creek	87.22	19	Iamb	Iamb	14 56 18.9	
G29M	Pine Creek	87.22	19	P	P	14 56 08.1	-0.8
C27K	Jago River	87.25	16	P	P	14 56 08.3	-0.5
EPYK	Eagle Plains	87.34	20	P	P	14 56 08.5	-0.9
EPH	Ephrata	87.34	41	Iamb	Iamb	14 56 18.1	
SHPR	Sheep River	87.35	52	Iamb	Iamb	14 56 20.4	
MMPY	Sheldon Lake,	87.37	24	P	P	14 56 08.3	-1.4
113A	Mohawk Valley,	87.51	56	Iamb	Iamb	14 56 21.1	
D08A	Wollman Farm,	87.69	41	Iamb	Iamb	14 56 19.9	
D27M	Malcolm River	87.75	17	P	P	14 56 09.9	-1.5
E28M	Babbage River	87.77	17	Iamb	Iamb	14 56 22.1	
E28M	Babbage River	87.77	17	P	P	14 56 10.3	-1.1
H31M	Peel River	87.84	21	P	P	14 56 10.9	-0.9
G30M	toAh Zrjii Njii	87.85	19	P	P	14 56 11.4	-0.5
W13A	Hualapai Mount	87.99	54	Iamb	Iamb	14 56 23.4	
TGNT	Hyland Airport	88.17	26	P	P	14 56 12.1	-1.1
E29M	Blow River	88.13	18	P	P	14 56 11.7	-1.4
F30M	Barrier River	88.34	19	Iamb	Iamb	14 56 24.1	
F30M	Barrier River	88.34	19	P	P	14 56 13.0	-1.1
ELK	Elko	88.41	48	Iamb	Iamb	14 56 25.0	
Y14A	Wickenburg	88.41	55	Iamb	Iamb	14 56 24.3	
D28M	Stokes Point	88.43	17	P	P	14 56 13.4	-1.1
G31M	Satah River	88.46	20	P	P	14 56 13.3	-1.4
F10A	Beach Ranch, E	88.47	43	Iamb	Iamb	14 56 24.6	
MFID	Camas Ranch	88.47	45	Iamb	Iamb	14 56 26.1	
PSUT	Pine Spring	88.87	51	Iamb	Iamb	14 56 27.4	

F31M	Tsightehchic	88.91	20	Iamb	Iamb	14 56 26.6	
F31M	Tsightehchic	88.91	20	P	P	14 56 15.2	-1.5
LCMT	Little Creek M	88.96	52	Iamb	Iamb	14 56 27.0	
CCUT	Cedar City	89.00	52	Iamb	Iamb	14 56 27.6	
PLID	Pearl Lake	89.05	44	Iamb	Iamb	14 56 26.2	
WMQ	Urumqi	89.14	315	eP	P	14 56 21.2	+2.7
WMQ	Urumqi	89.14	315	pP	pP	14 56 28.8	+0.2
WMQ	Urumqi	89.14	315	PP	PP	14 56 33.6	+1.7
WMQ	Urumqi	89.14	315	pmax	pmax	14 59 49.3	+0.1
WMQ	Urumqi	89.14	315	P	P	14 56 21.2	
WMQ	Urumqi	89.14	315	P	P	14 56 28.8	+0.2
WMQ	Urumqi	89.14	315	PP	PP	14 56 33.6	+1.7
WMQ	Urumqi	89.14	315	pmax	pmax	14 59 49.3	+0.1
WMQ	Urumqi	89.14	315	P	P	14 56 21.2	
WMQ	Urumqi	89.14	315	P	P	14 56 28.8	+0.2
WMQ	Urumqi	89.14	315	PP	PP	14 56 33.6	+1.7
WMQ	Urumqi	89.14	315	pmax	pmax	14 59 49.3	+0.1
KOTAN	Kotanele Air	89.40	28	P	P	14 56 17.7	-1.6
INK	Inuvik	89.43	19	P	P	14 56 17.5	-1.8
U15A	North Rim	89.57	53	Iamb	Iamb	14 56 30.5	
HLID	Hailey	89.74	46	Iamb	Iamb	14 56 30.5	
TUC	Tucson	89.85	57	P	P	14 56 20.4	-1.8
TUC	Tucson	89.85	57	P	P	14 56 32.6	
TUC	Tucson	89.85	57	P	P	14 56 20.4	-1.8
TUC	Tucson	89.85	57	pmax	pmax	14 56 32.6	
MTPU	Mount Pierson	90.03	51	Iamb	Iamb	14 56 32.9	
DUG	Dugway, Tooele	90.06	49	Iamb	Iamb	14 56 32.7	
WUAZ	Wupatki	90.08	54	Iamb	Iamb	14 56 34.2	
BCYI	Bear Canyon	90.63	45	Iamb	Iamb	14 56 35.5	
WRGL	Wright	90.85	25	P	P	14 56 24.6	-1.4
HYB	Hyderabad	90.00	287	eP	eP	14 50 00.1	
HYB	Hyderabad	90.00	287	eP	eP	14 50 01.0	
HYB	Hyderabad	90.00	287	eP	eP	14 50 06.4	
HYB	Hyderabad	90.00	287	ePKPKP	ePKPKP	14 54 53.5	
HYB	Hyderabad	90.00	287	eS	eS	15 00 07.0	
X18A	Snowflake	91.01	55	Iamb	Iamb	14 56 37.9	
HMU	Henry Mountain	91.11	52	Iamb	Iamb	14 56 37.7	
P17A	Butcher Ranch,	91.45	50	Iamb	Iamb	14 56 39.4	
P18A	Preston Tunnel	91.86	50	Iamb	Iamb	14 56 40.4	
ZSN	Zaisan	91.97	318	eP	P	14 56 30.3	-1.3
ZSN	Zaisan	91.97	318	eP	P	14 56 30.4	-1.3
YHB	Horse Butte	92.27	45	Iamb	Iamb	14 56 42.5	
RDMU	Red Mountain	92.56	49	Iamb	Iamb	14 56 43.4	
C36M	Paultalk	92.97	19	P	P	14 56 33.9	-1.7
PDAR	Pinedale Array	93.01	47	P	P	14 56 35.5	-1.3
ZALV	Zalesovo Beam	93.51	324	P	P	14 56 37.0	-2.4
ZALV	Zalesovo Beam	93.51	324	P	P	14 56 42.9	+4.4
ZALV	Zalesovo Beam	93.51	324	pmax	pmax	14 56 42.9	+4.4
MK31	Makanchi Array	93.55	317	eP	P	14 56 33.2	-5.7
MKAR	Makanchi Array	93.55	317	P	P	14 56 36.5	-2.4
MKAR	Makanchi Array	93.55	317	PP	PP	15 00 25.2	+1.4
MKAR	Makanchi Array	93.55	317	PKPKPbc	PKPKPbc	15 13 48.8	+2.4
MKAR	Makanchi Array	93.55	317	P	P	14 56 37.6	-1.3
MKAR	Makanchi Array	93.55	317	P	P	14 56 37.6	-1.3
A36M	Sachs Harbour	93.64	17	Iamb	Iamb	14 56 47.3	
A36M	Sachs Harbour	93.64	17	P	P	14 56 37.2	-1.5
MAKZ	Makanchi	93.76	317	P	P	14 56 39.2	-0.7
MAKZ	Makanchi	93.76	317	P	P	14 56 39.2	-0.7
MAKZ	Makanchi	93.76	317	pmax	pmax	14 56 39.2	-0.7
ANMO	Albuquerque	93.91	55	LR	LR	15 31 24.5	
ANMO	Albuquerque	93.91	55	P	P	14 56 40.2	-0.4
ANMO	Albuquerque	93.91	55	P	P	14 56 40.2	-0.4
ELIB	Elizabethtown	94.36	191	eP	P	14 56 41.3	+0.8
YKA	Yellowknife Ar	94.47	27	P	P	14 56 39.8	-2.9
YKA	Yellowknife Ar	94.47	27	P	P	15 00 32.6	+2.0
YKA	Yellowknife Ar	94.47	27	P	P	14 56 40.5	-2.2
YKA	Yellowknife Ar	94.47	27	P	P	14 56 40.5	-2.2
SHLS	Shalokode	94.83	313	eP	P	14 56 42.0	-3.0
SHLS	Shalokode	94.83	313	eP	P	14 56 42.1	-3.0
UZZB	Uzynbulak	95.15	313	eP	P	14 56 44.9	-1.6
UZZB	Uzynbulak	95.15	313	eP	P	14 56 45.0	-1.6
TXAR	Lajitas Array	95.30	61	P	P	14 56 46.2	-1.3
TXAR	Lajitas Array	95.30	61	PP	PP	15 00 43.5	+5.4
SATY	Saty	95.58	313	eP	P	14 56 46.8	-1.6
SATY	Saty	95.58	313	eP	P	14 56 48.2	-1.4
TDK	Taldyqorghhan	95.89	315	eP	P	14 56 48.2	-1.4
TDK	Taldyqorghhan	95.89	315	pmax	pmax	14 56 48.2	-1.4
TDK	Taldyqorghhan	95.89	315	eP	P	14 56 48.3	-1.4
NRIK	Noril'sk	95.94	340	eP	P	14 56 47.6	-1.7
NRIK	Noril'sk	95.94	340	pmax	pmax	14 56 47.6	-1.7
MDOK	Medved	96.58	313	eP	P	14 56 51.5	-1.5
MDOK	Medved	96.58	313	eP	P	14 56 51.5	-1.5
TNSS	Tian-Shan	96.63	312	eP	P	14 56 51.6	-1.9
TNSS	Tian-Shan	96.63	312	eP	P	14 56 51.7	-1.9
KURK	Kurchatov	96.63	320	eP	P	14 56 47.2	-5.6
KURK	Kurchatov	96.63	320	pmax	pmax	14 56 47.2	-5.6
KURB	Kurchatov Ar	96.68	320	LR	LR	15 39 48.0	
AAA	Alma-Ata	96.68	313	eP	P	14 56 51.9	-1.4
AAA	Alma-Ata	96.68	313	pmax	pmax	14 56 51.9	-1.4
AAA	Alma-Ata	96.68	313	P	P	14 56 52.0	-1.4
TROLL	Troll, Antarti	96.77	185	P	P	14 56 56	

ISC 07 17:06:00.9:1.0, 23.039N, 0.06:92.89E, 0.06, h35km, n17, c165/26, mb3.8/4, India-Bangladesh border region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Lists various seismic stations and their recorded data for the 7d 17h event.

OSPL 07 17:08:06.2:0.3, 17.823N, 71.29W, h22km, 2km, ML1.6, Presumed earthquake, Dominican Republic region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Lists seismic stations for the OSPL event.

SDD 07 17:08:46.9:16.0, 18.29N, 70.39W, h63km, 78km, MD2.6, ML2.0, MW2.6, Presumed earthquake, Dominican Republic region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Lists seismic stations for the SDD event.

IDC 07 17:12:47.5:0.8, 52.58N, 174.76E, h0km, mb4.1/22, mbmp4.0/24, ML4.4/2, MS3.4/2, Error ellipse: s-maj=21.5km s-min=10.7km az=4.0

KRSC 07 17:12:49.8:2.2, 52.72N, 174.84E, h46km, 16km, ML4.6, Error ellipse: s-maj=18.2km s-min=4.7km az=191.0

NEIC 07 17:12:50.3:1.5, 52.4N, 0.1:174.94E, 0.07, h26km, 8km, mb4.1/48, ML4.0/8, ML3.6/AEIC, Error ellipse: s-maj=19.7km s-min=10.3km az=211.0

ISC 07 17:12:49.4:1.4, 52.53N, 0.08:174.92E, 0.03, h14km, 8km, n180, c165/168, mb4.2/56, 9C-3D, Near Islands

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Lists seismic stations for the IDC event.

Main table with columns: LSNW, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Lists numerous seismic stations and their recorded data.

Main table with columns: BCAR, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res, ISC. Lists numerous seismic stations and their recorded data.

EIL Elat 90.99 326 LR LR 18 09 29.7

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CGJI Cibinong, DBJI Dramaga, DBJI Serang, SBJI Tangerang, etc.

RSPR 07 17:30:32.1, 18.01N:66.75W, h5km, MD2.5/6, 1C-6D, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for GBPR Guanica, BOBP Obispado Ponce, CELP Cerrillos, etc.

IDC 07 17:35:00.71.5, 3.69S:136.68E, h118km, 22km, mb3.0/2, mbmp3.7/6, Error ellipse: s-maj=21.2km s-min=13.3km az=6.0

ISC 07 17:35:00.1.0.9, 3.85S:109.136.64E:0.07, h100km, n6, e2502g, Irian Jaya

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for JAY Jayapura, SJI Sorong, WRA Warramunga Arr, FITZ Fitzroy Crossi, etc.

IDC 07 18:00:47.5.2.9, 30.84N:141.06E, h0km, mb3.5/5, mbmp3.5/8, ML2.8/3, Error ellipse: s-maj=124.1km s-min=15.9km az=72.0

JMA 07 18:00:47.0.0.8, 31.1N:3.14E, h0km, MV3.5/16, NEAR TORISHIMA IS

ISC 07 18:00:49.1.1.1, 31.11N:0.07.142.0E:0.2, h35km, n14, e1566/20, mb3.5/8, Southeast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for JHJ2 Mitsune, JHJ Hachiojima 2, BSO1 Boso 1, etc.

JHO Odawara 2, JRY Ryogami san, JHO Hitachi, MJAR Matsushiro Arr, MKAR Makanchi Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for BSO1 Boso 1, BSO3 Boso 3, CJC Chichijima, etc.

SJA 07 18:24:29.0.6.35, 78S:74.89W, h40km, 9km, ML3.3, MW3.5

GUC 07 18:24:34.0.4.0, 35.75S:74.56W, h28km, 2km, ML3.0

ISC 07 18:24:31.7.2.4, 35.80S:0.06.74.9W:0.1, h35km, n22, e099/32, 2C, Off coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for BI05 Punta Hualpin, CCSP San Pedro de C, GO05 Hualane, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for BO01 Tunca, BO02 Sierra Bellavi, BO02 Sierra Bellavi, etc.

IDC 07 18:33:28.9.3.8, 33.57N:100.95E, h0km, mb3.2/3, mbmp3.3/5, ML3.7/2, MS2.7/1, Error ellipse: s-maj=65.1km s-min=25.7km az=6.0, Qinghai

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for LZDM Lanzhou Array, MKAR Makanchi Array, KSR5 Korea Array, etc.

KRSC 07 18:36:12.2.1.1, 51.75N:158.91E, h53km, 14km, MI4.1, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for KDTR Khodutka, RUS Russkaya, MTR Mutnovka, etc.

IDC 07 18:38:54.6.1.4, 34.07N:101.02E, h0km, mb3.4/4, mbmp3.5/7, ML4.0/2, MS3.1/6, Error ellipse: s-maj=22.3km s-min=19.3km az=154.0

ISC 07 18:38:59.2.1.1, 34.11N:1.01E:0.2, h35km, n11, e057/17, mb3.4/4, MS3.0/4, Qinghai

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for LZDM Lanzhou Array, CMAR Chiang Mai Arr, TLY Talaya, etc.

KURS Kurchatov Arra 23.31 322 P 18 44 04.0 +0.2

JOW Jungnami 24.53 100 LR 18 55 07.0

TIXI Tikisi 40.41 13 LR 19 04 17.0

AKAS Malin Ray Be 53.47 311 LR 19 12 02.5

ASAR Alice Springs 65.38 147 P 18 49 38.7 +0.6

FUNV 07 18:42:47.4.7.19N:72.85W, h5km, MW3.0, Presumed earthquake

RSNC 07 18:42:48.0.0.7, 19N:7.3W, h139km, 1km, M3.0, mb3.6, MB4.8, ML2.7, Mw(MB)4.0

ISC 07 18:42:46.2.1.5, 6.84N:0.03.73.13W:0.06, h147km, 9km, n33, e1925/63, Northern Colombia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for BARC Barichara, BRJC Barrancabermej, BRJC Arges, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PAMC Pamplona, RUSC La Rusia, PTBC Puerto Berrio, etc.

KRNT 07 18:51:53.5.0.1, 40.19N:70.45E, h14km, mb2.7

ISU 07 18:51:54.4.0.4, 40.04N:70.43E, h5km

ISC 07 18:51:54.1.1.1, 40.13N:0.03.70.43E:0.03, h11km, 9km, n18, e158/30, 16C-8D, Tajikistan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for BTK Batken, FRG Fergana, GAR Garm, CHMG Chingan, etc.

BEO 07 19:18:45.2.1.5, 45.40N:27.03E, h113km, ML2.8/12

BUC 07 19:18:49.0.0.2, 45.47N:26.30E, h129km, 1km, ML3.7/6.1

Error ellipse: s-maj=1.4km s-min=1.1km az=170.0

ISC 07 19:18:47.0.1.3, 45.45N:0.03.26.25E:0.03, h145km, 6km, n86, e189/136, 78C-22, Romania

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for NEHR Nehoiu, MLR Muntele Rosu, MLR Muntele Rosu, etc.

0.3nm,0.8s,baz=206,slow=4.4,SNR=2.9
AKASG Malin Array Be 142.89 330 PKP PKPdzf 20 16 00.3 -2.9
0.4nm,0.4s,baz=41,slow=3.7,SNR=5.6

IDC 07 20:02:31.3,1.3,3.75S,137.07E,h0km,mb3.5/3,
mbmp3.6/7,ML3.7/4,Error ellipse: s-maj=25.8km
s-min=22.9km,az=150.0
DJA 07 20:02:34.7,0.3,4.3,S,3.137E,az,h10km,MA,1/12,mb4.2/4,
MLv4.0/12
ISC 07 20:02:35.7,0.8,3.93S,107.13701E,0.06,h35km,n15,
s172/20,Irian Jaya

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

BUJ 07 20:06:31.9,5.705E,152.42E,h55km,mb5.6/73,mb5.5/94,
Ms5.4/99,M5.7/5.4/96
MOS 07 20:06:37.3,1.0,5.19S,151.46E,h50km,mb6.0/58,
Ms5.4/25,Error ellipse: s-maj=6.9km s-min=4.5km
az=111.8

NEIC 07 20:06:38.2,7.5,34S,0.03,151.60E,0.06,h48km,3km,
mb5.6/411,Ms 20.5,5.5/596,Mw5.9/136,Mw5.9/46,Error
ellipse: s-maj=9.9km s-min=1.8km,az=111.0, Moment
Tensor Solution. Moment tensor: Scale 10^17Nm;
Mn:9.56; Mw:7.59; Mx:1.97; My:0.97; Mz:1.28; Mv:1.75;
Fault plane solution: Ms9.0000,1017 NP1;
p248.77000; s43.85000; t76.41000; NP2:az87.31000;
s47.68000; t102.72000; Principal axes: T 9.8974,
Plg80.0000; Azm67.0000; N -2.0121, Plg9.0000;
Azm259.0000; P -7.8853, Plg2.0000; Azm168.0000;

NEIC 07 20:06:38.1,5.345S,151.62E,h43km
NEIC 07 20:06:38.1,5.345S,151.62E,h43km
IPGP 07 20:06:38.0,5.365S,151.66E,h56km,Mw5.9,Fault plane
solution: NP1:az89.00000; s47.00000; t110.00000;
NP2:az241.00000; s47.00000; t70.00000;

IDC 07 20:06:39.0,5.0,8.5,29S,151.51E,h61km,mb5.3/27,
mbmp5.6/31,M5.5/5.8,Error ellipse: s-maj=9.7km
s-min=7.4km,az=108.0
GFZ 07 20:06:39.5,5.28S,151.50E,h58km,MW5.8, Moment
Tensor Solution. s60 Moment tensor: Mv:6.04;
Mw:6.50; Mx:0.46; My:0.98; Mz:1.95; Mv:1.29; Fault
plane solution: NP1:az89.00000; s49.00000;
t110.00000; NP2:az240.00000; s44.00000; t68.00000;

Principal axes: T 6.4800, Plg74.0000; Azm65.0000; N
0.5700, Plg15.0000; Azm256.0000; P -7.0400,
Plg2.0000; Azm165.0000;

GCMT 07 20:06:40.0,1.5,53S,151.62E,h55km,MW5.9/166,
Moment Tensor Solution. s163,c342; s168,c509;
Duration: 231 Moment tensor: Scale 10^18Nm;
Mv:0.66E,01; Mw:0.75E,00; Mx:0.09E,00; My:0.12E,00;
Mz:0.25E,00; Mv:0.18E,00; Best double couple:
Mv:0.78100x10^18 NP1:az236.00000; s46.00000;
t62.00000; NP2:az93.00000; s51.00000; t116.00000;
Principal axes: T 0.7350, Plg70.0000; Azm68.0000; N
0.0900, Plg20.0000; Azm256.0000; P -8.8260,
Plg3.0000; Azm165.0000; nsta1 refers to body waves,
cutoff=40s. nsta2 refers to surface/mantle waves,
cutoff=50s. Triangular moment-rate function

PTWC 07 20:06:41.5,40S,151.80E,h59km,Mw6.0/20,NEW
BRITAIN REGION, PAUUA NEW GUINEA
DJA 07 20:06:42.0,0.4,5.2,S,2.152E,az,h9km,4km,M5.6/104,
mb5.6/104,mbE,0/84,MLv6.5/11,Mv(MB)5.6/84,
MwMw5.6/46,Mw5.6/46

NEIC 07 20:06:46.5,5.445S,151.62E,h50km, Moment Tensor
Solution. Duration: 455 Moment tensor: Scale 10^17Nm;
Mv:7.97; Mw:8.12; Mx:0.15; My:1.08; Mz:2.30; Mv:1.77;
Fault plane solution: Ms8.62000,1017 NP1;
p241.49000; s44.71000; t69.42000; NP2:az89.35000;
s48.80000; t109.19000; Principal axes: T 8.5001,
Plg76.0000; Azm68.0000; N 0.2439, Plg14.0000;
Azm256.0000; P -8.7440, Plg2.0000; Azm166.0000;

ISC 07 20:06:39.0,5.31S,151.62E,az,h35km,1km,
GC19:PS,n1876,s841814,mb5.6/355,Ms5.4/408,
97C-56D,New Britain region

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

Main table with columns: JAY, LR, LR, 20 13 11.7, etc. Lists seismic events with station codes, times, and magnitudes.

Main table with columns: CMSA, Cobar Meteorol, 26.67 191 P, P, 20 12 14.2 -0.2, etc. Lists seismic events with station codes, times, and magnitudes.

7d 20h

2020 JUN

Table with columns for station name, elevation, and various data points. Includes stations like YAK, BWNR, SPIA, BOD, TLY, VIS, MOY, PALK, CHNA, VVND, KNGR, SBA, M13K, O14K, N14K, CHIR, R16K, O15K, K13K, M14K, L14K, and L14K.

Table with columns for station name, elevation, and various data points. Includes stations like L14K, WMO, R17L, N15K, O16K, Q16K, L15K, J14K, Q17K, N16K, ACHA, P17K, K15K, K15K, O17K, M16K, M16K, OHAK, OHAK, Q18K, Q18K, TNA, TNA, ANM, ANM, ANM, L16K, L16K, L16K, N17K, N17K, N17K, P18K, P18K, F14K, F14K, JHNI, JHNI, KDAK, KDAK, KDAK, KDAK, KDAK, KDAK, KDAK, M17K, M17K, M17K, J16K, J16K, J16K, Q19K, Q19K, Q19K, and Q19K.

Table with columns for station name, elevation, and various data points. Includes stations like G15K, L17K, L17K, JOSI, N18K, N18K, N18K, AKL, AKL, I17K, I17K, I17K, H16K, H16K, F15K, F15K, F15K, BHP, K17K, K17K, O19K, O19K, J17K, J17K, M18K, M18K, P19K, P19K, P19K, L18K, L18K, L18K, N19K, N19K, N19K, G16K, G16K, G16K, G16K, O20K, O20K, ZSN, ZSN, ZSN, RED, RED, H08S2, H08S2, H08S1, H08S1, H17K, H17K, H17K, H17K, HOM, HOM, HOM, DGAR, DGAR, DGAR, L19K, L19K, L19K, M19K, M19K, M19K, M19K, G17K, G17K, BISR, BISR, BRSE, BRSE, BRSE, F17K, F17K, F17K, F17K, SPCR, SPCR, SPCR, M20K, M20K, M20K, M20K, L20K, L20K, H18K, H18K, H18K, C16K, C16K, C16K, and CAPN.

CAPN	baz=238	S	S	20 28 34.4	-0.2		
E17K	baz=238 Hotham Inlet baz=227,SNR=39	79.43	17	P	P	20 18 39.0	+0.3
E17K	baz=227	S	S	20 28 36.0	+1.1		
J19K	baz=234,SNR=14	79.46	21	P	P	20 18 38.8	0.0
J19K	baz=234	S	S	20 28 36.5	+1.1		
GCSA	Galena City Sc baz=232,SNR=9.7	79.47	20	P	P	20 18 38.2	-0.6
GCSA	baz=232	S	S	20 28 36.2	+0.8		
D17K	Noatak River baz=226,SNR=38	79.50	16	P	P	20 18 39.8	+0.7
D17K	baz=226	S	S	20 28 37.7	+2.1		
G18K	Tagagawik comp=Z,2um,20.0s	79.61	19	IAMS_20	IAMS_20	20 52 49.6	
G18K	Tagagawik baz=230,SNR=34	79.61	19	P	P	20 18 39.3	-0.3
G18K	baz=230	S	S	20 28 37.3	+0.4		
SLKM	Skilak Lake comp=Z,62nm,0.6s	79.64	25	IAMB	IAMB	20 18 44.3	
K20K	Telida comp=Z,44nm,0.8s	79.65	22	IAMB	IAMB	20 18 44.9	
K20K	Telida baz=235,SNR=45	79.65	22	P	P	20 18 40.1	+0.1
K20K	baz=235	S	S	20 28 37.8	+0.3		
F18K	Selawik baz=229,SNR=5.4	79.75	18	P	P	20 18 40.7	+0.3
F18K	baz=229	S	S	20 28 36.8	-1.5		
SEW	Seward comp=Z,110nm,1.4s	79.77	26	IAMB	IAMB	20 18 45.3	
SEW	Seward baz=229,SNR=10	79.77	26	P	P	20 18 40.2	-0.4
SEW	baz=229	S	S	20 28 36.8	-1.9		
RDOG	Red Dog Mine comp=Z,51nm,0.8s	79.80	16	IAMB	IAMB	20 18 45.0	
RDOG	Red Dog Mine baz=226,SNR=14	79.80	16	P	P	20 18 40.7	+0.1
O22K	Cooper Landing comp=Z,1um,19.0s	79.84	25	IAMS_20	IAMS_20	20 57 02.7	
O22K	Cooper Landing baz=240	79.84	25	P	P	20 18 40.0	-1.0
O22K	baz=240	S	S	20 28 37.2	-2.3		
SKT	baz=240 Skwentna comp=Z,2um,20.0s	79.87	24	IAMS_20	IAMS_20	20 52 19.4	
SKT	Skwentna baz=238,SNR=7.0	79.87	24	P	P	20 18 39.2	-2.0
SKT	baz=238	S	S	20 28 38.9	-0.9		
MK31	Makanchi Array 79.92 319c	eP	P	20 18 41.0	-0.8		
MKAR	Makanchi Array comp=Z,50nm,0.9s,baz=103,slow=5.5,SNR=191	79.92 319	P	P	20 18 41.2	-0.6	
MKAR	comp=Z,2.8nm,0.9s,baz=298,slow=3.4,SNR=14	PKPKPc	P	P	20 37 27.9	-1.3	
MKAR	comp=Z,2.4nm,1.1s,baz=309,slow=2.3,SNR=67	PKPKPc	P	P	20 45 30.1	-0.7	
MKAR	comp=Z,2um,21.8s,baz=95,slow=35	LR	LR	20 52 45.1			
E18K	Tukpahleark C comp=Z,50nm,0.9s	80.01	17	IAMS_20	IAMS_20	20 50 03.1	
E18K	Tukpahleark C baz=228	80.01	17	P	P	20 18 41.8	0.0
E18K	baz=228	S	S	20 28 41.7	+0.6		
C17K	Delong Mountain baz=226,SNR=41	80.02	15	P	P	20 18 41.6	-0.3
C17K	baz=226	S	S	20 28 40.8	-0.3		
J20K	Nowinta River comp=Z,50nm,0.8s	80.09	21	IAMB	IAMB	20 18 47.3	
J20K	Nowinta River baz=235,SNR=73	80.09	21	P	P	20 18 42.6	+0.3
J20K	baz=235	S	S	20 28 43.0	+1.0		
H19K	Roundabout Mou comp=Z,2um,21.0s	80.09	19	IAMS_20	IAMS_20	20 50 26.3	
H19K	Roundabout Mou baz=233,SNR=39	80.09	19	P	P	20 18 42.2	-0.1
H19K	baz=233	S	S	20 28 43.1	+1.1		
PPLA	Purkeypile comp=Z,2um,21.0s	80.10	23	IAMS_20	IAMS_20	20 49 51.6	
PPLA	Purkeypile baz=237,SNR=8.4	80.10	23	P	P	20 18 42.4	-0.2
POO	Poona comp=Z,2um,22.0s	80.13 290	eP	P	20 18 42.6	-0.9	
MAKZ	Makanchi comp=Z,155nm,1.2s	80.13 319	IAMB	IAMB	20 18 41.3	-1.7	
MAKZ	Makanchi comp=Z,55nm,1.0s	80.13 319	P	P	20 18 41.9	-1.0	
MAKZ	Makanchi comp=Z,55nm,1.0s	80.13 319	P	P	20 18 42.3	-0.7	
RC01	Rabbit Creek A comp=Z,2um,22.0s	80.14 25	IAMB	IAMB	20 18 46.6		
RC01	Rabbit Creek A baz=240,SNR=28	80.14 25	P	P	20 18 42.2	-0.4	
RC01	baz=240	S	S	20 28 41.0	-1.7		
BHK	Bhakra comp=Z,2um,22.0s	80.23 303	eP	P	20 18 43.2	-0.6	
G19K	Purcell Moun comp=Z,2um,22.0s	80.26 19	IAMS_20	IAMS_20	20 49 05.8		
G19K	Purcell Moun baz=232,SNR=24	80.26 19	P	P	20 18 43.2	0.0	
G19K	baz=232	S	S	20 28 44.3	+0.5		
M22K	Willow baz=239,SNR=5.8	80.32 24	P	P	20 18 42.2	-1.4	
M22K	baz=239	S	S	20 28 42.3	-2.1		
I20K	Naaghedeneel comp=Z,80nm,1.1s	80.33 21	IAMB	IAMB	20 19 45.8		
I20K	Naaghedeneel baz=235,SNR=12	80.33 21	P	P	20 18 44.0	+0.5	
WUS	Wushi comp=Z,51nm,0.8s	80.38 313	IAMB	IAMB	20 18 46.7		
CAST	Castle Rocks comp=Z,47nm,1.0s	80.43 22	IAMB	IAMB	20 18 47.9		
CAST	Castle Rocks comp=Z,2um,20.0s	80.43 22	IAMS_20	IAMS_20	20 51 14.2		
CAST	Castle Rocks baz=237,SNR=69	80.43 22	P	P	20 18 43.6	-0.6	
CAST	baz=237	S	S	20 28 42.9	-2.8		
L22K	Petersville baz=238,SNR=33	80.46 23	P	P	20 18 42.9	-1.5	
L22K	baz=238	S	S	20 28 43.1	-3.0		
F19K	Shalerucik Mo comp=Z,3um,22.0s	80.48 18	IAMS_20	IAMS_20	20 49 23.4		
F19K	Shalerucik Mo baz=231,SNR=47	80.48 18	P	P	20 18 44.0	-0.3	
F19K	baz=231	S	S	20 28 45.1	-0.8		
DHRM	DHARAMSHALA comp=Z,82nm,0.7s	80.48 304	eP	IAMB	IAMB	20 18 47.7	
DHRM	Lake Minchumin baz=237,SNR=6.9	80.59 22	P	P	20 18 45.0	0.0	
CHUM	baz=237	S	S	20 28 45.4	-1.9		
CUT	Chulitna comp=Z,80nm,1.3s	80.59 24	IAMB	IAMB	20 19 45.6		
CUT	Chulitna baz=239	80.59 24	P	P	20 18 44.0	-1.0	
H20K	Anotleneega Mo baz=234,SNR=25	80.60 20	P	P	20 18 45.6	+0.6	
H20K	baz=234	S	S	20 28 47.0	-0.3		
P23K	Montage Islan baz=242,SNR=6.9	80.61 26	P	P	20 18 45.1	-0.1	
P23K	baz=242	S	S	20 28 46.1	-1.6		
PMR	Palmer comp=Z,82nm,0.8s	80.64 25	P	P	20 18 45.5	+0.2	
PMR	Palmer baz=240,SNR=14	80.64 25	P	P	20 18 44.5	-0.8	
PMR	baz=240	S	S	20 28 45.9	-1.9		

C18K	Utukok River baz=228,SNR=22	80.67 16	P	P	20 18 44.9	-0.5
SHLS	Shalkode comp=Z,3.7nm,0.8s,baz=111,slow=5.2,SNR=176	80.74 315	d/P	P	20 18 44.8	-1.6
SHLS	Shalkode comp=Z,3.7nm,0.8s,baz=111,slow=5.2,SNR=176	80.74 315	eS	P	20 28 48.2	-1.8
SHLS	Shalkode comp=Z,3.7nm,0.8s,baz=111,slow=5.2,SNR=176	80.74 315	i/P	P	20 28 48.2	-1.8
AJM	Ajmer comp=Z,2um,22.0s	80.75 298	eP	P	20 18 45.0	-1.7
PDGK	Podgornoye comp=Z,2um,22.0s	80.77 315	P	P	20 18 45.5	-1.1
Q23K	Middleton Isla baz=243	80.82 27	P	P	20 18 46.3	0.0
Q23K	baz=243	S	S	20 28 48.8	-1.0	
KNK	Knik Glacier comp=Z,59nm,0.9s	80.84 25	IAMB	IAMB	20 18 52.0	
KNK	comp=Z,2um,22.0s	80.84 25	IAMS_20	IAMS_20	20 50 45.1	
KNK	Knik Glacier baz=241,SNR=23	80.84 25	P	P	20 18 46.2	-0.2
KNK	baz=241	S	S	20 28 47.9	-2.1	
ZAAO	Zalesovo Array comp=Z,7.4nm,0.9s	80.91 327	IAMB	IAMB	20 18 47.5	
ZALV	Zalesovo Beam comp=Z,62nm,0.8s,baz=111,slow=5.2,SNR=176	80.91 327	P	P	20 18 45.2	-1.7
ZALV	comp=Z,3.7nm,0.8s,baz=111,slow=5.2,SNR=176	PKPKPc	P	P	20 37 25.7	-1.6
ZALV	comp=Z,3.5nm,1.0s,baz=270,slow=3.0,SNR=10	PKPKPc	P	P	20 45 28.8	+0.4
ZALV	comp=Z,2.1um,20.7s,baz=105,slow=35	LR	LR	20 53 57.4		
ZALV	Zalesovo Beam comp=Z,62nm,0.8s	80.91 327	P	P	20 18 45.0	-2.0
KTH	Kamitshna Hill comp=Z,2um,21.0s	80.94 22	IAMS_20	IAMS_20	20 50 27.8	
E19K	Redstone River comp=Z,68nm,0.9s	81.03 18	IAMB	IAMB	20 19 29.8	
E19K	Redstone River baz=232	81.03 18	P	P	20 18 47.6	+0.3
E19K	baz=232	S	S	20 28 50.3	-1.5	
UZB	Uzynbulak comp=Z,56nm,0.6s	81.05 315	d/P	P	20 18 48.0	-0.1
SML	Sawmill comp=Z,56nm,0.6s	81.05 315	i/P	P	20 18 48.0	-0.1
SML	Sawmill baz=241,SNR=47	81.08 25	IAMB	IAMB	20 18 53.2	
SML	baz=241	S	S	20 18 47.2	-0.5	
TRF	Thorofare Moun comp=Z,2um,20.0s	81.13 23	IAMS_20	IAMS_20	20 54 37.8	
TRF	Thorofare Moun baz=239,SNR=26	81.13 23	P	P	20 18 47.1	-0.9
TRF	baz=239	S	S	20 28 48.2	-5.1	
GLI	Glacier Island comp=Z,43nm,0.6s	81.16 26	IAMB	IAMB	20 18 52.7	
GLI	Glacier Island baz=242	81.16 26	P	P	20 18 47.6	-0.5
GLI	baz=242	S	S	20 28 51.5	-1.9	
HIN	Hinchinbrook I comp=Z,2um,19.0s	81.20 26	IAMB	IAMB	20 18 51.9	
HIN	comp=Z,2um,21.0s	81.25 18	IAMS_20	IAMS_20	20 49 58.8	
F20K	Avaraart Lake comp=Z,2um,22.0s	81.25 18	P	P	20 18 48.9	+0.5
F20K	Avaraart Lake baz=233,SNR=38	81.25 18	S	S	20 28 53.6	-0.3
F20K	baz=233	S	S	20 28 53.6	-0.3	
PRZ	Przheval'sk comp=Z,193nm,1.1s	81.31 314	P	P	20 18 50.4	+0.8
PRZ	comp=Z,193nm,1.1s	81.33 25	P	P	20 18 48.5	-0.5
M23K	Glacier View baz=241,SNR=7.8	81.33 25	S	S	20 28 53.3	-1.8
M23K	baz=241	S	S	20 28 53.3	-1.8	
H21K	Melozitna Rive comp=Z,2um,22.0s	81.40 20	P	P	20 18 49.7	+0.4
H21K	comp=Z,2um,22.0s	81.40 20	S	S	20 28 56.0	+0.3
C19K	Lookout Ridge baz=229,SNR=42	81.41 16	P	P	20 18 50.0	+0.6
C19K	baz=229	S	S	20 28 54.8	-0.9	
D19K	Kuna River comp=Z,3um,22.0s	81.42 17	IAMS_20	IAMS_20	20 49 57.6	
D19K	Kuna River baz=231	81.42 17	P	P	20 18 49.5	+0.1
D19K	baz=231	S	S	20 28 54.6	-1.3	
I21K	Tanana baz=237,SNR=62	81.42 21	P	P	20 18 49.3	-0.1
I21K	baz=237	S	S	20 28 55.2	-0.7	
SATY	Saty comp=Z,2um,22.0s	81.46 315	d/P	P	20 18 50.1	-0.1
SATY	Saty comp=Z,2um,22.0s	81.46 315	eS	P	20 28 58.4	+1.0
SATY	Saty comp=Z,2um,22.0s	81.46 315	i/P	P	20 18 50.2	-0.1
SATY	Saty comp=Z,2um,22.0s	81.50 24	eS	P	20 28 58.5	+1.0
WAT1	Susitna Watana comp=Z,2um,22.0s	81.50 24	P	P	20 18 49.1	-0.8
SCM	Sheep Creek Mo comp=Z,2um,22.0s	81.51 25	IAMS_20	IAMS_20	20 51 26.0	
SCM	Sheep Creek Mo baz=242,SNR=14	81.51 25	P	P	20 18 50.3	+0.2
SCM	baz=242	S	S	20 28 56.8	-0.3	
TARG	Taragay, Kyrgy comp=Z,53nm,1.0s	81.54 313	P	P	20 18 51.4	+0.3
TARG	comp=Z,53nm,1.0s	81.60 26	P	P	20 18 52.4	+2.0
EYAK	Cordova Ski Ar comp=Z,2um,21.0s	81.60 26	IAMS_20	IAMS_20	20 51 03.3	
EYAK	Cordova Ski Ar baz=243	81.60 26	P	P	20 18 50.4	0.0
EYAK	baz=243	S	S	20 28 57.3	-0.5	
G21K	Allakaket comp=Z,2um,21.0s	81.65 19	IAMS_20	IAMS_20	20 50 50.6	
G21K	Allakaket baz=235	81.65 19	P	P	20 18 50.5	-0.1
G21K	baz=235	S	S	20 28 57.3	-0.9	
RND	Reindeer comp=Z,59nm,0.8s	81.66 23	IAMB	IAMB	20 18 54.6	
RND	comp=Z,2um,20.0s	81.70 24	IAMS_20	IAMS_20	20 53 07.8	
WAT6	Susitna Watana baz=241,SNR=30	81.70 24	P	P	20 18 50.9	-0.2
WAT6	baz=241	S	S	20 28 56.6	-2.7	
A19K	Wainwright baz=228,SNR=7.4	81.75 15	P	P	20 18 51.1	+0.1
A19K	baz=228	S	S	20 28 57.6	-1.5	
MLY	Manley comp=Z,44nm,0.6s	81.79 21	IAMB	IAMB	20 18 54.9	
MLY	Manley baz=238,SNR=121	81.79 21	P	P	20 18 51.4	0.0
MLY	baz=238	S	S	20 28 58.6	-1.2	
MCK	McKinley comp=Z,84nm,0.8s	81.79 23	IAMB	IAMB	20 18 55.2	
MCK	comp=Z,2um,20.0s	81.79 23	IAMS_20	IAMS_20	20 51 25.3	
MCK	McKinley baz=240,SNR=50	81.79 23	P	P	20 18 50.6	-0.8
MCK	baz=240	S	S			

7d 20h

Table of astronomical observations for 7 days and 20 hours, listing station names, coordinates, and observation details.

2020 JUN

Main table of astronomical observations for 2020 June, including station names, coordinates, and observation details.

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Table of astronomical observations for station 426, listing station names, coordinates, and observation details.

MOIG	Morelia	1.40 357	eP	Pn	20 48 48.8	-0.4
MOIG	Morelia	1.40 357	eS	Sn	20 49 00.9	-5.7
MEIG	Mezcala	1.45 104	eP	Pn	20 48 50.1	+0.3
MEIG	Mezcala	1.45 104	eS	Sn	20 48 09.5	+0.8
CAIG	El Cayaco	1.46 147	eP	Pn	20 48 49.5	-0.3
CAIG	El Cayaco	1.46 147	eS	Sn	20 49 04.2	+3.5
URUA	Uruapan	1.47 321	eP	Pn	20 48 49.0	-1.1
URUA	Uruapan	1.47 321	eS	Sn	20 49 03.1	-5.1
PLIG	Platanillo	1.52 85	eP	Pn	20 48 51.5	+0.7
PLIG	Platanillo	1.52 85	eS	Sn	20 49 09.7	+0.2
DAIG	Los Arroyos	1.86 132	eP	Pn	20 48 55.6	+0.2
DAIG	Los Arroyos	1.86 132	eS	Sn	20 48 58.1	+6.6
AOVM	Tlapan	1.96 59	eP	Pn	20 49 22.4	+1.8
AOVM	Tlapan	1.96 59	eS	Sn	20 48 58.2	+0.6
YAIG	Yautepec	2.02 73	eP	Pn	20 49 18.2	-3.5
YAIG	Yautepec	2.02 73	eS	Sn	20 49 54.4	+0.9
TLVM	San Miguel Top	2.07 63	eP	Pn	20 49 23.3	-0.2
TLVM	San Miguel Top	2.07 63	eS	Sn	20 49 01.1	+2.2
UNM	Universidad Na	2.10 60	eP	Pn	20 49 19.9	-4.1
UNM	Universidad Na	2.10 60	eS	Sn	20 49 05.1	+1.4
MHVH	Bosque de Chap	2.12 58	eP	Pn	20 49 22.2	-2.2
MHVH	Bosque de Chap	2.12 58	eS	Sn	20 49 02.1	+2.9
XCMV	Xochimilco	2.12 62	eP	Pn	20 49 24.8	+0.4
XCMV	Xochimilco	2.12 62	eS	Sn	20 49 21.4	-3.3
BJVM	Benito Juarez	2.13 59	eP	Pn	20 49 24.2	-1.2
APVM	Azacapotzalco	2.16 56	eP	Pn	20 49 01.1	+1.1
MPVM	San Francisco	2.19 65	eP	Pn	20 49 26.1	+0.1
MPVM	San Francisco	2.19 65	eS	Sn	20 49 04.1	+1.9
THVM	De Xico	2.27 63	eP	Pn	20 49 25.0	-3.1
THVM	De Xico	2.27 63	eS	Sn	20 49 03.1	0.0
CRIG	Cruz Grande	2.42 129	eP	Pn	20 49 32.2	+1.2
CRIG	Cruz Grande	2.42 129	eS	Sn	20 49 05.0	+1.3
PBXN	Popocatepetl	2.43 72	eP	Pn	20 49 05.3	+1.3
PBXN	Popocatepetl	2.43 72	eS	Sn	20 49 28.8	-4.4
PPCU	Popocatepetl	2.46 73	eP	Pn	20 49 04.0	+0.2
PPCU	Popocatepetl	2.46 73	eS	Sn	20 49 30.7	-2.0
HMTT	Tlapaneco	2.47 101	eP	Pn	20 49 05.3	+1.2
HMTT	Tlapaneco	2.47 101	eS	Sn	20 49 17.7	+1.8
PBPN	Popocatepetl	2.47 72	eP	Pn	20 49 05.5	+0.8
PBPN	Popocatepetl	2.47 72	eS	Sn	20 49 05.5	+0.8
PBCV	Popocatepetl	2.52 73	eP	Pn	20 49 35.4	+1.2
PBCV	Popocatepetl	2.52 73	eS	Sn	20 49 35.4	+1.2
TLIG	Tlapa	2.52 106	eP	Pn	20 49 33.8	-0.2
TLIG	Tlapa	2.52 106	eS	Sn	20 49 06.6	+1.3
MGIG	Malinaltepec	2.57 113	eP	Pn	20 49 07.0	+1.0
MGIG	Malinaltepec	2.57 113	eS	Sn	20 49 32.9	-3.9
PPAX	Atlixo	2.62 75	eP	Pn	20 49 09.8	+1.2
PPAX	Atlixo	2.62 75	eS	Sn	20 49 45.4	+4.1
DEIG	Demacu	2.81 44	eP	Pn	20 49 10.4	+1.4
DEIG	Demacu	2.81 44	eS	Sn	20 49 40.1	-1.8
FTIG	Fresnillo de T	2.85 97	eP	Pn	20 49 15.1	+1.5
FTIG	Fresnillo de T	2.85 97	eS	Sn	20 49 17.7	+1.8
HLIG	Huajuapán de L	3.17 98	eP	Pn	20 49 53.2	-1.2
HLIG	Huajuapán de L	3.17 98	eS	Sn	20 49 17.5	+0.9
TXIG	Tlaxiaco	3.34 107	iP	Pn	20 49 35.8	+0.4
TXIG	Tlaxiaco	3.34 107	iS	Sn	20 49 20.0	+1.2
PNIG	Pinotepa	3.40 123	eP	Pn	20 49 59.8	+0.1
PNIG	Pinotepa	3.40 123	eS	Sn	20 49 22.4	+1.9
TPIG	Tehuacán	3.56 87	eP	Pn	20 49 02.3	-0.5
TPIG	Tehuacán	3.56 87	eS	Sn	20 49 22.4	+0.1
YOIG	Yosondúa	3.67 112	eP	Pn	20 49 24.7	+2.0
YOIG	Yosondúa	3.67 112	eS	Sn	20 50 06.4	-0.3
CXUV	Coxquihui	3.82 60	eP	Pn	20 49 27.8	+1.7
CXUV	Coxquihui	3.82 60	eS	Sn	20 49 27.8	+1.7
TOIG	Toxpalán	3.84 92	eP	Pn	20 49 27.8	+1.7
TOIG	Toxpalán	3.84 92	eS	Sn	20 49 27.8	+1.7
CTUV	Llano Grande	4.10 39	eP	Pn	20 49 27.8	+1.7
CTUV	Llano Grande	4.10 39	eS	Sn	20 49 27.8	+1.7
JAVU	Jalcomulco	4.21 74	eP	Pn	20 49 31.8	+2.4
JAVU	Jalcomulco	4.21 74	eS	Sn	20 49 31.8	+2.4
VHO	Vista Hermosa	4.33 105	eP	Pn	20 49 31.6	+1.2
VHO	Vista Hermosa	4.33 105	eS	Sn	20 50 20.2	-0.3
PEIG	Puerto Escondi	4.41 120	eP	Pn	20 49 40.8	+1.3
PEIG	Puerto Escondi	4.41 120	eS	Sn	20 49 36.0	-1.0
NEUV	Arroyo Zacate	5.08 95	eP	Pn	20 50 35.9	+1.1
NEUV	Arroyo Zacate	5.08 95	eS	Sn	20 50 57.5	-3.3
CMIG	Matias Romero	6.04 100	eP	Pn	20 51 29.6	
CMIG	Matias Romero	6.04 100	eS	Sn	20 50 57.5	-3.3
CMIG	Matias Romero	6.04 100	Lg	Lg	20 51 29.6	
APG	EI Apazole	10.70 106	eP	Pn	20 50 56.5	-0.4
APG	EI Apazole	10.70 106	eS	Sn	20 50 56.5	-0.4
TXAR	Lajitas Array	11.26 348	eP	Pn	20 51 03.4	-0.9
TXAR	Lajitas Array	11.26 348	eS	Sn	20 51 03.4	-0.9
PDAR	Pinedale Array	25.45 345	P	P	20 53 50.1	0.0
PDAR	Pinedale Array	25.45 345	P	P	20 53 50.1	0.0
ILAR	Eielson Array	55.56 338	P	P	20 57 57.1	+0.3
ILAR	Eielson Array	55.56 338	P	P	20 57 57.1	+0.3

DSZ	Denniston Nort	11.03 209	P	Pn	21 28 37.9	+0.8
GSZ	Greta Valley S	11.65 202	P	Pn	21 28 44.8	+0.3
LVZ	Lake Taylor	11.74 205	P	Pn	21 28 45.3	-0.2
OXZ	Oxford	12.30 204	P	Pn	21 28 51.7	+0.1
WVZ	Waltham Valley	12.57 208	P	Pn	21 28 55.9	+0.6
WVZ	Waltham Valley	13.33 210	P	Pn	21 28 04.0	-0.9
JCZ	Jackson Bay	14.21 211	P	Pn	21 29 12.8	-0.1
JCZ	Jackson Bay	14.21 211	S	P	21 31 40.2	-6.8
ODZ	Otahua Downs	14.29 204	P	Pn	21 29 13.8	+0.1
ODZ	Mont Dzumak	14.99 209	P	Pn	21 29 25.9	+1.9
STKA	Stevens Creek	31.50 261	P	Pn	21 31 60.0	+2.4
CTA	Charters Tower	31.56 285	P	Pn	21 32 00.5	+2.3
ASAR	South Pole Qu	40.40 271	P	P	21 33 12.8	+0.4
WRA	Warramunga Arr	41.56 276	P	Pn	21 33 22.1	+0.2
GSPA	South Pole Qu	57.86 190	P	Pn	21 35 18.9	-4.0
FINES	FINES Array B	145.88 337	PKPbc	PKPdf	21 45 00.8	-2.8

VAO 07 21:26:31.5-0.5,23°18'S:68°52'W,h120km,mb4.4
 Presumed earthquake
 SJA 07 21:26:31.5-0.9,23°23'S:68°57'W,h132km,ML3.8,MM3.7
 NEIC 07 21:26:32.0-1.5,23°25'S:0°05:68°51'W,0.06,h120km,5km,
 mb4.5/13,Mw4.0(GUC),Error ellipse: s-maj=8.4km
 s-min=7.9km az=109.0

GUC 07 21:26:32.9-0.7,23°21'S:68°54'W,h122km,4km,ML3.9
 ISC 07 21:26:31.9-0.6,23°24'S:0°03:68°50'W,0.04,h125km,5km,
 n106,σ122/129,mb4.4,7-C,4-D,Northern Chi

Code	Station Name	Δ°	AZ°	Op	Phase	ISC	h	Time	Res
							m	s	ISC
AF01	San Pedro de A	0.41	46	iP		Pn	21	26 50.2	-0.1
AF01	San Pedro de A	0.41	46	iP		Sn	21	27 03.2	-0.9
AF01	San Pedro de A	0.41	46	iP		S	21	26 50.2	-0.1
AF01	San Pedro de A	0.41	46	iP		IAML	21	27 04.4	
PB06	IPOC Station P	1.12	298	iP		Pn	21	26 55.6	-0.2
PB06	IPOC Station P	1.12	298	iP		Sn	21	27 13.1	-0.7
PB06	IPOC Station P	1.12	298	iP		S	21	26 56.1	-0.4
PB06	IPOC Station P	1.12	298	iP		IAML	21	27 13.9	+0.1
PB06	IPOC Station P	1.12	298	iP		Pn	21	26 56.2	+0.4
PB06	IPOC Station P	1.12	298	iP		Sn	21	27 14.3	+0.4
PB06	IPOC Station P	1.12	298	iP		IAML	21	27 14.9	
PB09	IPOC Station P	1.59	334	eP		Pn	21	27 01.6	+0.7
PB09	IPOC Station P	1.59	334	eP		Sn	21	27 02.0	+1.1
PB09	IPOC Station P	1.59	334	eP		IAML	21	27 02.1	
PB09	IPOC Station P	1.59	334	iP		Pn	21	27 02.1	+1.2
PB09	IPOC Station P	1.59	334	iP		Sn	21	27 23.8	+0.8
PB09	IPOC Station P	1.59	334	iP		IAML	21	27 25.9	
PB05	IPOC Station P	1.62	283	eP		Pn	21	27 00.7	-0.4
PB05	IPOC Station P	1.62	283	eP		Sn	21	27 01.2	0.0
PB05	IPOC Station P	1.62	283	eP		IAML	21	27 23.7	+0.3
PB05	IPOC Station P	1.62	283	iP		Pn	21	27 30.2	
PB05	IPOC Station P	1.62	283	iP		Sn	21	27 01.2	0.0
PB05	IPOC Station P	1.62	283	iP		IAML	21	27 23.7	+0.3
PB03	IPOC Station P	1.66	315	eP		Pn	21	27 22.8	-1.1
PB03	IPOC Station P	1.66	315	eP		Sn	21	27 01.8	+0.1
PB03	IPOC Station P	1.66	315	eP		IAML	21	27 02.0	+0.3
PB03	IPOC Station P	1.66	315	eP		Sn	21	27 24.6	+0.3
PB03	IPOC Station P	1.66	315	eP		IAML	21	27 27.6	
PB03	IPOC Station P	1.66	315	iP		Pn	21	27 02.1	+0.4
PB03	IPOC Station P	1.66	315	iP		Sn	21	27 24.3	+0.3
PB03	IPOC Station P	1.66	315	iP		IAML	21	27 26.5	
PB10	IPOC Station P	1.91	261	eP		Pn	21	27 04.5	0.0
PB10	IPOC Station P	1.91	261	eP		Sn	21	27 04.3	-0.2
PB10	IPOC Station P	1.91	261	eP		IAML	21	27 04.7	+0.2
PB10	IPOC Station P	1.91	261	iP		Pn	21	27 08.1	-1.3
PB07	IPOC Station P	1.98	319	eP		Pn	21	27 05.4	-0.2
PB07	IPOC Station P	1.98	319	eP		Sn	21	27 05.5	-0.1
PB07	IPOC Station P	1.98	319	eP		IAML	21	27 25.4	-5.8
PB07	IPOC Station P	1.98	319	eP		Sn	21	27 31.9	
PB07	IPOC Station P	1.98	319	eP		IAML	21	27 31.9	
PB07	IPOC Station P	1.98	319	iP		Pn	21	27 06.1	+0.5
PB07	IPOC Station P	1.98	319	iP		Sn	21	27 33.8	
PB07	IPOC Station P	1.98	319	iP		IAML	21	27 33.8	
SALTA	SALTA	2.21	17	eS		Pn	21	27 11.4	+2.7
SALTA	SALTA	2.21	17	eS		Sn	21	27 32.9	-3.9
PB14	IPOC Station P	2.23	231	eP		Pn	21	27 08.2	-0.6
PB14	IPOC Station P	2.23	231	eP		Sn	21	27 08.8	+0.1
PB14	IPOC Station P	2.23	231	eP		IAML	21	27 37.5	+0.9
PB14	IPOC Station P	2.23	231	iP		Pn	21	27 39.0	
PB14	IPOC Station P	2.23	231	iP		Sn	21	27 08.9	+0.1
PB14	IPOC Station P	2.23	231	iP		IAML	21	27 36.3	-0.7
PB14	IPOC Station P	2.23	231	iP		Sn	21	27 37.1	
PB02	IPOC Station P	2.31	326	eP		Pn	21	27 09.2	-0.4
PB02	IPOC Station P	2.31	326	eP		Sn	21	27 09.4	-0.2
PB02	IPOC Station P	2.31	326	eP		IAML	21	27 38.1	-0.3
PB02	IPOC Station P	2.31	326	iP		Pn	21	27 39.5	
PB02	IPOC Station P	2.31	326	iP		Sn	21	27 09.9	+0.3
PB02	IPOC Station P								

2020 JUN

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MANR Mangalia, MFR Murfatlar, PHSR Pinarhisar, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IDC 07 21:46:26.6, FITZ Fitzroy Crossi, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like OTAV Betania, PAC1 Pacto, PLMC San Jos del P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IDC 07 21:33:33.0, MSVF Nonsavu, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like RSN 07 22:59:04.7, GR1C Gorgona, GR1C Baiboa, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like IDC 07 23:03:17.6, WRA Warramunga Arr, WRA Warramunga Arr, etc.

MALA	Malamata, Dori	1.65	45	P	Pn	23 06 51.8 +0.6
EFP	Efpalio	1.69	45	P	Pb	23 06 53.8 +0.1
EFP	Efpalio	1.69	45	P	Pb	23 06 52.6 +0.8
GUR	Goura	1.77	45	P	Pb	23 06 53.7 +0.3
SERG	Sergoula	1.71	48	P	Pb	23 06 54.4 +1.5
AMPI	Ampelaki	1.81	21	P	Pb	23 06 54.1 +0.4
KALE	Kalitheia	1.81	50	P	Pb	23 06 56.0 +0.3
ANX	Ano Chora	1.82	41	P	Pb	23 06 55.9 0.0
EVR	Evrytania	2.02	33	P	Pb	23 06 59.3 -0.1
VLI	Veliatia	2.11	103	P	Pb	23 07 00.1 -0.7
LTR	Loutrakli	2.20	58	P	Pb	23 07 00.1 +1.3
TETR	Tetrakomo, Epi	2.25	37	P	Pb	23 07 02.7 +0.4
MAKR	Makrakomoi, Fth	2.25	37	P	Pb	23 07 02.4 -0.8
IGT	Igoumenitsa	2.29	359	P	Pb	23 07 02.7 -1.3
IGT	Igoumenitsa	2.29	359	ePn	Pb	23 07 01.9 +1.8
IGT	Igoumenitsa	2.29	359	ePn	Pb	23 07 28.3 +0.4
AGG	Agios Georgios	2.35	40	P	Pb	23 07 03.7 -1.2
PRMD	Pramanda	2.36	14	P	Pb	23 07 03.9 -1.2
AXAR	Agios Charalam	2.36	49	P	Pb	23 07 03.3 +2.3
VILL	Villia	2.50	67	P	Pb	23 07 03.9 +1.0
LKR	Lokris	2.50	55	P	Pb	23 07 05.0 +2.0
ATAL	Atalanti	2.54	54	P	Pb	23 07 05.3 +1.9
THL	Kikotios Trika	2.66	28	P	Pb	23 07 07.7 +0.6
VLY	Voula, Athens	2.78	76	P	Pb	23 07 07.3 +0.6
KPRO	Kipourio	2.82	15	P	Pb	23 07 10.7 -2.3
TYRN	Tymavos	2.87	30	P	Pb	23 07 09.9 +2.0
DION	Dionisos Attik	2.94	72	P	Pb	23 07 10.0 +1.0
NEO	Neokhori	3.04	46	P	Pb	23 07 11.7 +1.3
NEST	Nestorio	3.22	16	P	Pb	23 07 16.3 +5.5
KZN	Kozani	3.25	19	P	Pb	23 07 16.5 +3.1
TIP	Timpagrande	3.45	305	P	Pb	23 07 17.8 +1.7
OHR	Ohrid	3.88	5	P	Pb	23 07 25.4 +3.4
OHR	Anoyia	4.13	117	P	Pb	23 07 21.9 -3.4
IDI	Idi	2.3mm, 0.5s, baz=308, slow=19, SNR=1.4				
VAY	Valandovo	4.42	22	P	Pn	23 07 31.2 +1.9
MATE	Matera	4.46	321	P	Pn	23 07 30.3 +0.6
MATE	Matera	4.46	321	eS	Pn	23 07 30.2 -1.1
SRS	Serrai	4.61	32	P	Pn	23 07 30.3 -1.6
VAE	Valguarnera	4.76	275	Pn	Pn	23 07 38.3 +4.2
VAE	Valguarnera	5.2mm, 0.4s, baz=61, slow=19, SNR=2.4				
PDG	Podgorica	5.26	351	P	Pn	23 08 31.0 +2.1
PDG	Podgorica	5.26	351	ePn	Pn	23 07 40.3 -0.5
PDG	Podgorica	5.26	351	ePn	Pn	23 07 42.4 +1.6
PDG	Podgorica	5.26	351	ePn	Pn	23 08 39.5 -1.5
BOSS	Bosilegrad	5.50	16	ePn	Pn	23 07 44.4 +0.3
BARS	Barje	5.68	11	ePn	Pn	23 07 46.7 +0.1
BARS	Barje	5.68	11	ePn	Pn	23 08 43.3 -8.1
SELS	Selova	6.00	5	ePn	Pn	23 07 51.9 +0.8
SJES	Sjenica	6.03	357	ePn	Pn	23 07 53.2 +1.7
SJES	Sjenica	6.03	357	ePn	Pn	23 08 55.2 -4.9
ZAPS	Zavoj	6.27	15	ePn	Pn	23 07 54.7 -0.1
IVAS	Ivanjica	6.30	438	ePn	Pn	23 07 55.2 +0.2
BLK	Belogradchik	6.62	15	ePn	Pn	23 08 01.0 +1.5
GRUS	Gruza	6.65	2	ePn	Pn	23 08 00.4 +0.5
BBL	Lazi#263i	6.67	354	ePn	Pn	23 08 00.5 +0.3
ZAGS	Zajecar	6.72	12	ePn	Pn	23 08 00.5 -0.4
DIVS	Divibare	6.86	358	ePn	Pn	23 08 02.8 -0.1
DIVS	Divibare	6.86	358	ePn	Pn	23 08 14.2 -6.2
PLVB	Pleven	6.95	26	ePn	Pn	23 08 07.3 +3.3
TRUS	Trudelj	6.98	0	ePn	Pn	23 08 04.3 -0.2
TEKS	Tekeri	7.34	355	ePn	Pn	23 08 08.9 -0.4
HERR	Herczeg Novi	7.75	11	ePn	Pn	23 08 16.1 +0.6
FRGS	Fruska Gora	7.93	367	ePn	Pn	23 08 17.1 -0.4
BZS	Buzias	8.49	3	ePn	Pn	23 08 23.4 -0.9
KEST	Keera	9.02	264	Pn	Pn	23 08 35.3 +2.8
KEST	Keera	0.1nm, 0.3s, baz=72, slow=16, SNR=2.1				
MORH	Murgy, Hungary	9.07	352	P	Pn	23 10 12.8 -0.8
MLR	Muntele Rosu	9.24	25	P	Pn	23 08 32.5 -0.6
MLR	Muntele Rosu	0.1nm, 0.3s, baz=265, slow=21, SNR=4.9				
MLR	Muntele Rosu	comp=Z, 1.19nm, 18.7s, baz=136, slow=45, SNR=0.8				
MLR	Muntele Rosu	9.24	25	P	Pn	23 08 39.5 +3.8
PLOR	Plostinia	9.30	27	P	Pn	23 08 45.4 +2.2
VRI	Vrincioia	9.84	27	P	Pn	23 08 47.0 +3.3
BRTR	Breskvin Array B	10.69	72	Pn	Pn	23 08 53.4 -2.0
BRTR	Breskvin Array B	comp=Z, 4.6nm, 20.7s, baz=277, slow=39, SNR=0.3				
DAVOX	Davos/Dischmat	12.32	324	Pn	Pn	23 09 18.4 +0.7
DAVOX	Davos/Dischmat	0.2nm, 0.3s, baz=149, slow=12, SNR=4.2				
DAVOX	Davos/Dischmat	0.1nm, 0.3s, baz=158, slow=19, SNR=1.6				
GERES	GERESS Array B	12.58	339	Pn	Pn	23 11 32.0 -2.6
GERES	GERESS Array B	comp=Z, 150, slow=14, SNR=4.7				
GERES	GERESS Array B	baz=155, slow=22, SNR=2.8				
EIL	Eilat	14.30	118	Pn	Pn	23 09 21.2 -0.1
IVAS	Ivanjica	15.02	438	ePn	Pn	23 11 34.3 -6.7
AKASG	Malin Array Be	14.87	22	LR	LR	23 09 44.4 -0.3
AKASG	Malin Array Be	comp=Z, 4.0nm, 19.6s, baz=189, slow=39, SNR=2.5				
CLL	Colim	15.02	438	ePn	Pn	23 09 44.4 -0.3
HFS	Hagfors	23.31	352	P	P	23 10 02.9 +3.3
HFS	Hagfors	2.4nm, 0.8s, baz=171, slow=11, SNR=5.6				
EKA	Eskdalemuir Ar	24.14	326	P	P	23 11 29.6 -0.3
EKA	Eskdalemuir Ar	1.8nm, 0.7s, baz=131, slow=9, SNR=4.7				
FINES	FINESS Array B	24.50	7	P	P	23 11 37.6 -0.3
FINES	FINESS Array B	1.7nm, 0.9s, baz=188, slow=10, SNR=4.1				
NOA	NORSAR Array B	24.52	349	P	P	23 11 39.9 -1.1
NOA	NORSAR Array B	0.8nm, 0.8s, baz=160, slow=12, SNR=3.9				
TORD	Torodi Ar. Bea	29.23	220	P	P	23 11 40.3 -1.0
TORD	Torodi Ar. Bea	0.5nm, 0.9s, baz=34, slow=11, SNR=3.6				
DBIC	Dimbokro	38.13	223	LR	LR	23 12 26.7 +2.7
DBIC	Dimbokro	comp=Z, 3.9nm, 19.4s, baz=105, slow=6, SNR=5.5				
KURBB	Kurchatov Arra	42.88	53	P	P	23 28 59.2
KURBB	Kurchatov Arra	0.4nm, 0.8s, baz=279, slow=8, SNR=3.8				
MKAR	Makanchi Array	45.89	58	P	P	23 14 19.6 -0.6
MKAR	Makanchi Array	0.2nm, 0.6s, baz=281, slow=7.2, SNR=2.4				
ZALV	Zalesovo Beam	46.40	47	P	P	23 14 43.9 -0.5
ZALV	Zalesovo Beam	0.3nm, 0.3s, baz=278, slow=8.7, SNR=1.8				
ZALV	Zalesovo Beam	0.3nm, 0.3s				

GSPP	General Santos	2.68	293	P	Pn	23 31 36.4 -2.2
GSPP	General Santos	2.68	293	iS	Pn	23 32 06.2 -4.5
DAV	Davao City (W)	2.74	318	P	Pn	23 31 39.5 +0.3
DAV	Davao City (W)	155nm, 0.3s, baz=107, slow=5.1, SNR=3.8				
DAV	Davao City (W)	377nm, 0.5s, baz=107, slow=19, SNR=18				
CTBH	Cotabato-PC H	3.84	305	P	Pn	23 32 11.8 0.0
TSSP	Tandag City	4.17	343	eS	Pn	23 32 27.4 -1.9
CGP	Cagayan de Oro	4.35	322	eP	Pn	23 32 01.4 +0.7
CGP	Cagayan de Oro	4.35	322	eS	Pn	23 32 51.0 +0.5
SCPH	Surigao	5.10	328	eP	Pn	23 32 07.3 -3.5
SCPH	Surigao	5.10	328	eP	Pn	23 32 05.9 -2.6
GTOR	Gorontalo	6.21	235	P	Pn	23 32 36.8 +0.9
PLP	Palo	6.56	338	eP	Pn	23 32 33.1 +2.4
PLP	Palo	6.56	338	eS	Pn	23 32 37.6 -6.5
SJUI	Sorong	7.00	147	P	Pn	23 32 39.1 +2.4
SJUI	Sorong	15nm, 0.3s, baz=335, slow=16, SNR=16				
SJUI	Sorong	15nm, 0.2s, baz=239, slow=19, SNR=9.2				
SJUI	Sorong	7.00	147	P	Pn	23 33 54.0 -1.3
TOLIZ	Toilolil	7.69	240	P	Pn	23 32 46.2 +0.2
TOLIZ	Toilolil	7.69	240	P	Pn	23 34 10.1 -1.5
FAKI	Fak Fak	9.25	149	Pn	Pn	23 33 09.0 +1.3
FAKI	Fak Fak	9.25	149	Pn	Pn	23 34 48.4 -1.2
KKM	Kota Kinabalu	11.21	276	Pn	Pn	23 33 33.3 -0.5
MTN	Manton Dam	18.14	168	P	Pn	23 35 00.7 +0.1
MTN	Manton Dam	18.14	168	Iamb	Iamb	23 35 23.5
GUMO	Guam	19.18	62	LR	LR	23 43 29.4
GUMO	Guam	comp=Z, 3.1nm, 18.0s, baz=90, slow=39, SNR=1.2				
YULB	Yu-li	19.19	343	P	P	23 35 09.4 -2.7
YULB	Yu-li	19.19	343	Iamb	Iamb	23 35 42.7
KNRA	Kununnura	20.62	176	P	P	23 35 28.5 +1.0
KNRA	Kununnura	20.62	176	Iamb	Iamb	23 35 25.0
FITZ	Fitzroy Crossi	23.05	184	P	P	23 35 52.4 -0.4
MYKOM	Kota Tinggi	23.75	263	P	P	23 36 03.8 -0.6
MYKOM	Kota Tinggi	23.75	263	Iamb	Iamb	23 36 00.4
WB0	Warramunga Arr	25.58	165	P	P	23 36 15.7 -1.5
WB0	Warramunga Arr	25.58	165	Iamb	Iamb	23 36 15.7 -1.5
WRA	Warramunga Arr	25.73	165	P	P	23 36 15.7 -1.5
WRA	Warramunga Arr	comp=Z, 1.3nm, 0.6s, baz=343, slow=9.3, SNR=12				
WRA	Warramunga Arr	comp=Z, 0.4nm, 0.6s, baz=344, slow=2.9, SNR=2.7				
WRA	Warramunga Arr	25.73	165	P	P	23 43 13.3 -1.3
WRA	Warramunga Arr	25.73	165	P	P	23 36 16.5 -0.8
WRA	Warramunga Arr	25.73	165	Iamb	Iamb	23 36 17.2 -0.6
WRA	Warramunga Arr	25.73	165	Iamb	Iamb	23 36 25.6
RABL	Rabaul	26.35	110	P	P	23 36 21.2 -1.8
RPSI	Rantau Prapat	28.53	266	P	P	23 36 41.3 -1.2
RPSI	Rantau Prapat	28.53	266	Iamb	Iamb	23 36 42.4
ASAR	Asara	29.21	168	P	P	23 36 47.9 -0.5
ASAR	Asara	comp=Z, 0.4nm, 0.4s, baz=347, slow=9.2, SNR=14				
ASAR	Asara	comp=Z, 0.3nm, 0.4s, baz=345, slow=2.9, SNR=0.2				
ASAR	Asara	comp=Z, 0.3nm, 0.6s, baz=336, slow=3.3, SNR=1.9				
ASAR	Asara	comp=Z, 0.4nm, 0.4s				
ASAR	Asara	29.21	168	P	P	23 36 48.5 +0.2
ASAR	Asara	30.03	264	P	P	23 36 53.7 -2.1
GSI	Gunguningsari	30.03	264	Iamb	Iamb	23 36 54.0
CMAR	Chiang Mai Arr	30.85	298	P	P	23 37 01.9 -1.0
CMAR	Chiang Mai Arr	comp=Z, 1.9nm, 0.6s, baz=104, slow=8.9, SNR=6.6				
CMAR	Chiang Mai Arr	comp=Z, 1.9nm, 0.6s				
KSR5	Korea Array	32.27	1	P	P	23 37 13.2 -1.9
KSR5	Korea Array	comp=Z, 1.1nm, 0.8s, baz=179, slow=8.5, SNR=2.2				
KSR5	Korea Array	comp=Z, 1.1nm, 0.8s				
FORT	Forrest	35.61	179	P	P	23 37 43.2 -0.8
MORV	Morawa	35.63	187	P	P	23 37 43.9 0.4
STKA	Stephens Creek	39.11	161	P	P	23 38 13.6 0.0
STKA	Stephens Creek	comp=Z, 3.3nm, 0.5s, baz=338, slow=9.0, SNR=12				
H1S3	WAKE ISLAND Hy	40.58	67	T	T	00 22 50.5
H1S3	WAKE ISLAND Hy	40.58	67	T	T	00 22 50.5
H1S1	WAKE ISLAND Hy	40.60	67	T	T	00 22 41.1
H1S1	WAKE ISLAND Hy	40.60	67	T	T	00 22 57.2
H1S2	WAKE ISLAND Hy	40.60	67	T	T	00 22 57.2
H1N1	WAKE ISLAND Hy	41.08	66	T	T	00 23 38.5
H1N2	WAKE ISLAND Hy	41.09	66	T	T	00 23 41.7
H1N3	WAKE ISLAND Hy	41.01	66	T	T	00 23 40.8
EVN	Everest	44.80	305	P	P	23 38 59.6 -1.1
EVN	Everest	44.80	305	Iamb	Iamb	23 39 01.7
SONM	Songino Array	46.30	340	P	P	23 39 09.9 -1.8
PEA0B	Petropavlovsk-	53.97	22	P	P	23 40 08.3 -1.0

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like Fruska Gora, Banja Luka, Plodiv, Herculan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like East of Kuril Islands, Severo-Kuril's, Pavuzhetka, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like Sand Creek, Pinnacle, Ikpikpuk River, etc.

IDC 08 00:20:17.26.6.28:56S:178.49W, h250km, 72km, mb3.3/4, mbmp4.0/5, Error ellipse: s-maj=37.6km s-min=20.9km az=4.0

ISC 08 00:20:12.7.1.1.28:5S:0.3:178.4W:0.2, h210km, n6, c0548/6, mb3.7/4, Kermadec Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like RAR Barotonga, STKA Stephens Creek, ASAR Alice Springs, etc.

IDC 08 01:41:00.6.3.9.4:9TS:151.56E, h0km, mb3.4/2, mbtmp3.5/2, Error ellipse: s-maj=160.2km s-min=50.3km az=117.0, New Britain region

IDC 08 01:49:37.5.19.0.52:30N:170.49W, h0km, mb3.5/3, mbtmp3.4/4, ML3.0/1, MS2.6/2, Error ellipse: s-maj=359.5km s-min=71.8km az=87.0

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 08 01:55:02.3.2.6.29S:129.97E, h94km, 31km, mb3.6/5, mbtmp4.0/9, Error ellipse: s-maj=60.8km s-min=18.8km az=85.0

NEIC 08 01:55:06.3.1.1.6:25S:0.06:130.4E:0.2, h139km, 8km, mb4.0/3, Error ellipse: s-maj=22.7km s-min=8.0km az=100.0

Table with columns: Code, Station Name, Az, AzZ, Phase, ID, Time, Res, ISC. Includes stations like SAUI Saumiaki, FAKI Alice Springs, SIJI Sorong, etc.

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Table with columns for station code, name, coordinates, and various data points. Includes stations like H01W3, H01W1, H01W2, etc.

Table with columns for station code, name, coordinates, and various data points. Includes stations like SHL, YNG, BJJ2, etc.

Table with columns for station code, name, coordinates, and various data points. Includes stations like HYB, NGP, KLR, etc.

O17K	Koliganek Bris	84.66	30	P	P	02 46 59.7 +1.5
R17L	Mt. Peulik Vol	84.68	32	P	P	02 46 59.1 +0.7
E18K	Tukpa Bearik C	84.71	22	P	P	02 47 00.6 +2.3
N17K	Nushagak Hills	84.75	29	P	P	02 47 00.6 +1.9
M17K	Hollis River	84.78	28	P	P	02 47 00.7 +1.9
C18K	Utukok River	84.79	21	P	P	02 47 00.0 +1.2
C18K	comp=Z,41nm,0.8s			Iamb	Iamb	02 47 01.5
C18K	Utukok River	84.79	21	P	P	02 47 00.6 +1.8
CHIR	Chirikof Islan	84.81	34	P	P	02 47 00.1 +1.1
F18K	Selawik	84.88	23	P	P	02 47 00.4 +1.2
Q17K	Contact Creek	85.03	31	P	P	02 47 00.3 +0.1
H18K	Honhosa River	85.09	24	P	P	02 47 01.4 +1.1
G18K	Tagagawik	85.12	24	P	P	02 47 01.4 +1.0
A19K	Wainwright	85.23	19	P	P	02 47 03.5 +2.7
L18K	Granite Mouna	85.28	27	P	P	02 47 02.8 +1.5
N18K	Kilae Creek	85.40	29	P	P	02 47 03.4 +1.4
KOPT	Koy Daggi	85.41	310	P	P	02 47 02.2 -0.6
C19K	Lookout Ridge	85.47	20	Iamb	Iamb	02 47 05.6
C19K	Lookout Ridge	85.47	20	P	P	02 47 04.0 +1.8
P18K	Big Mountain,	85.54	30	P	P	02 47 02.7 +0.1
Q18K	Katmai Hardscr	85.55	31	P	P	02 47 02.7 -0.1
M18K	Stony River	85.56	28	P	P	02 47 04.1 +1.5
VRH	Novokhoporsky	85.57	321	eP	pmax	02 47 01.5 -1.4
VRH	comp=Z,40nm,1.0s					
LABN	Labinsk	85.61	315	eP	pmax	02 47 01.6 -1.7
LABN	comp=Z,10.0nm,0.7s					
O18K	Koktuh Hills	85.61	30	P	P	02 47 04.0 +1.0
FURI	Furi	85.62	279	LR	LR	03 25 17.2
GCSA	Galena City Sc	85.63	25	P	P	02 47 04.0 +1.1
S19K	Shalerukik Mo	85.66	23	P	P	02 47 03.8 +0.8
SII	Sitkinak Islan	85.71	33	P	P	02 47 05.1 +1.6
SII	Sitkinak Islan	85.71	33	P	P	02 47 05.1 +1.6
G19K	Purcell Mouna	85.80	24	Iamb	Iamb	02 47 06.1
G19K	Purcell Mouna	85.80	24	P	P	02 47 05.2 +1.4
D19K	Kuna River	85.86	21	Iamb	Iamb	02 47 07.2
D19K	Kuna River	85.86	21	P	P	02 47 05.3 +1.2
ERBR	Yeremizinor-Bor	85.87	316	eP	pmax	02 47 03.0 -1.6
ERBR	comp=Z,35nm,0.8s					
H19K	Roundabout Mou	85.95	24	Iamb	Iamb	02 47 06.9
H19K	Roundabout Mou	85.95	24	P	P	02 47 06.0 +1.5
E19K	Redstone River	85.99	22	Iamb	Iamb	02 47 08.5
E19K	Redstone River	85.99	22	P	P	02 47 06.1 +1.4
J19K	Poorman	86.05	26	P	P	02 47 06.0 +0.9
J19K	Poorman	86.05	26	P	P	02 47 06.2 +1.1
N19K	Bonanza Creek	86.11	29	Iamb	Iamb	02 47 07.7
N19K	Bonanza Creek	86.11	29	P	P	02 47 06.8 +1.2
L19K	White Mountain	86.12	28	P	P	02 47 06.7 +1.2
K18K	Kibwezi	86.12	268	P	P	02 47 06.5 -0.1
SOC	Sochi	86.25	314	eP	pmax	02 47 04.2 -2.3
SOC	comp=Z,14nm,0.8s					
SOC	comp=Z,71nm,18.0s					
OHAK	Old Harbor	86.27	33	P	P	02 47 07.3 +1.1
OHAK	Old Harbor	86.27	33	Iamb	Iamb	02 47 08.3
OHAK	Old Harbor	86.27	33	P	P	02 47 07.3 +1.1
Q19K	Cape Douglas,	86.28	31	P	P	02 47 06.5 +0.1
PPT2	Papeete2	86.30	107	eP	P	02 47 09.0 +1.7
PPT2	comp=Z,32nm,25.2s					
PPT2	comp=Z,77nm,23.8s			eS	SKSac	02 57 30.7 +4.0
PPT2	comp=Z,174nm,31.5s			eLR	LR	03 14 36.5
PPT2	comp=Z,134nm,29.0s			eLR	LR	03 14 38.4
D20K	Etiuluk River	86.44	21	P	P	02 47 08.0 +1.1
B20K	Meade River	86.49	20	P	P	02 47 08.5 +1.5
F20K	Avarart Lake	86.49	23	P	P	02 47 08.4 +1.3
E20K	Nigu River	86.52	22	P	P	02 47 08.6 +1.2
P19K	Oil Pt	86.58	30	P	P	02 47 08.9 +1.1
H20K	Anotleneega Mo	86.59	24	P	P	02 47 08.7 +1.0
K20K	Telida	86.64	27	P	P	02 47 09.2 +1.2
I20K	Naahedeneel	86.66	25	P	P	02 47 09.5 +1.5
KDAK	Kodiak Island	86.71	32	P	P	02 47 09.4 +1.0
J20K	Nowinta River	86.72	26	P	P	02 47 09.0 +0.7
J20K	comp=Z,28nm,1.6s			Iamb	Iamb	02 47 10.7
J20K	Nowinta River	86.72	26	P	P	02 47 09.7 +1.4
M20K	Styx River	86.89	28	P	P	02 47 10.3 +0.9
A21K	Barrow	86.91	18	P	P	02 47 10.6 +1.5
KMBO	Kilima Mbogo	86.92	269	P	P	02 47 11.0 +0.3
KMBO	Kilima Mbogo	86.92	269	eP	pmax	02 47 11.4 +0.7
O20K	Slope Mountain	86.93	30	P	P	02 47 11.0 +1.4
VORD	Divongore	87.07	321	eP	pmax	02 47 08.6 -1.7
VORD	comp=Z,40nm,0.6s					
C21K	Knifeblade Rid	87.17	21	P	P	02 47 11.7 +1.3
VSR	Storzhevoye	87.17	321	eP	pmax	02 47 09.3 -1.5
VSR	comp=Z,37nm,1.0s					
VORR	Voronezh	87.18	322	eP	pmax	02 47 09.6 -1.2
VORR	comp=Z,51nm,0.9s					
G21K	Allakaket	87.29	23	P	P	02 47 12.1 +1.0
B21K	Ikpkpuk River	87.30	20	P	P	02 47 12.2 +1.2
E21K	Killik River	87.36	21	P	P	02 47 12.3 +0.9
A22K	Sinclair Lake	87.38	19	P	P	02 47 13.0 +1.6
F21K	Alatna River	87.38	23	P	P	02 47 12.2 +0.7
LPSR	Galich'ya Gora	87.42	323	eP	pmax	02 47 11.1 -0.8
LPSR	comp=Z,43nm,0.9s					

PPLA	Purkeypile	87.44	27	P	P	02 47 12.1 0.0
H21K	Melozitna Rive	87.47	24	Iamb	Iamb	02 47 14.0
H21K	Melozitna Rive	87.47	24	P	P	02 47 12.8 +0.9
CAST	Castle Rocks	87.53	27	P	P	02 47 12.9 +0.6
CNPM	China Foot	87.58	31	P	P	02 47 12.3 -0.3
CNPM	comp=Z,28nm,1.2s			Iamb	Iamb	02 48 27.8
SKT	Skwentna	87.65	28	P	P	02 47 12.7 -0.2
CAPN	Capitan Cook N	87.72	29	P	P	02 47 13.6 +0.5
KLMR	Klimovskoe	87.73	331	eP	pmax	02 47 10.6 -2.6
KLMR	comp=Z,38nm,0.6s					
I21K	Tanana	87.76	25	P	P	02 47 14.2 +0.9
B22K	Teshekpuk Lake	87.80	20	P	P	02 47 14.4 +1.0
GAZ	Gaziantep	87.82	307	Iamb	Iamb	02 47 15.0
BRSE	Bradley Lake S	87.85	30	P	P	02 47 13.8 -0.1
ANN	Anapa	87.96	315	eP	pmax	02 47 13.1 -1.6
ANN	comp=Z,40nm,0.7s					
L22K	Petersville	88.05	28	P	P	02 47 14.4 -0.5
H22K	Ishlaltina Cre	88.08	24	P	P	02 47 16.0 +1.1
G22K	Bettles	88.12	23	P	P	02 47 15.7 +0.7
E22K	Anaktuvuk Pass	88.12	22	Iamb	Iamb	02 47 17.9
E22K	Anaktuvuk Pass	88.12	22	P	P	02 47 15.9 +0.9
SLKM	Skilak Lake	88.16	30	Iamb	Iamb	02 47 16.0
MLY	Manley	88.27	25	P	P	02 47 15.4 -0.4
MLY	Manley	88.27	25	P	P	02 47 15.9 +0.1
CUT	Chulitna	88.28	28	P	P	02 47 16.1 +0.3
M22K	Willow	88.30	28	P	P	02 47 16.2 +0.3
TRF	Thorofore Moun	88.34	27	P	P	02 47 15.9 -0.4
MOS	Moscow	88.38	326	eP	pp	02 47 13.3 -3.1
MOS	comp=Z,29nm,0.6s			ePP	SKSac	02 47 37.2 -0.8
MOS	comp=Z,29nm,0.6s			eS	pmax	02 57 31.8 -5.8
RC01	Rat Creek A	88.44	29	P	P	02 47 17.2 +0.6
HSUJ	Al Zarga	88.50	302	P	P	02 47 17.6 0.0
SEW	Seward	88.52	30	P	P	02 47 16.9 0.0
SWQJ	Swaqa	88.59	301	P	P	02 47 17.8 -0.3
D23K	Nanushuk River	88.61	21	P	P	02 47 18.4 +1.1
G23K	Bananza Creek	88.69	23	P	P	02 47 18.2 +0.5
G23K	Bananza Creek	88.69	23	Iamb	Iamb	02 47 20.1
G23K	Bananza Creek	88.69	23	P	P	02 47 18.6 +0.9
C23K	Ikliklik River	88.71	20	Iamb	Iamb	02 47 20.2
C23K	Ikliklik River	88.71	20	P	P	02 47 18.6 +0.9
PMR	Palmer	88.76	29	P	P	02 47 18.7 +0.7
H23K	Yukon River	88.82	24	P	P	02 47 19.2 +0.8
LODK	Lodwar	88.84	273	Iamb	Iamb	02 47 21.8
I23K	Minto, Yukon-K	88.86	25	Iamb	Iamb	02 47 20.2
I23K	Minto, Yukon-K	88.86	25	P	P	02 47 19.3 +0.9
HSNJ	Maan	88.89	300	P	P	02 47 19.5 -0.1
NATI	Neve Aiti	88.91	303	P	P	02 47 20.0 +0.6
E23K	Chandalar	88.94	22	Iamb	Iamb	02 47 21.8
E23K	Chandalar	88.94	22	P	P	02 47 20.1 +1.2
OBN	Obninsk	88.95	325	eP	pmax	02 47 17.7 -1.4
OBN	comp=Z,19nm,0.9s					
OBN	comp=Z,90nm,25.0s			MLR	MLR	
OBN	Obninsk	88.95	325	P	P	02 47 16.8 -2.3
NEA2	Nenana	88.95	26	P	P	02 47 18.7 -0.3
MCK	McKinley	88.96	26	Iamb	Iamb	02 47 19.9
MCK	McKinley	88.96	26	P	P	02 47 18.7 -0.4
RND	Reindeer	88.98	27	P	P	02 47 18.4 -0.9
RND	comp=Z,13nm,1.1s			pmax	pmax	
TOLK	Toolik Lake Re	88.99	21	P	P	02 47 20.2 +1.1
GHAJ	Ghor Haditha	89.02	301	Iamb	Iamb	02 47 23.5
QRNJ	Al-Qirein	89.03	302	P	P	02 47 20.1 +0.1
HMDT	Nahal Hmdat	89.07	302	P	P	02 47 20.8 +0.6
KNK	Knik Glacier	89.07	29	Iamb	Iamb	02 47 21.0
KNK	Knik Glacier	89.07	29	P	P	02 47 19.9 +0.3
WAT1	Susitna Watana	89.09	27	P	P	02 47 19.8 +0.1
UJAP	Al Uja	89.12	302	P	P	02 47 20.2 -0.2
SML	Sawmill	89.15	28	P	P	02 47 20.2 +0.2
MMAI	Mount Meron Ar	89.19	303	P	P	02 47 20.8 -0.1
D24K	Happy Valley	89.29	21	P	P	02 47 21.6 +1.1
ZFRI	Zfri	89.34	300	P	P	02 47 22.1 +0.6
SALP	Salfit	89.35	302	P	P	02 47 21.4 -0.2
BLGI	Bel Lehem Hage	89.36	303	P	P	02 47 22.1 +0.5
E24K	Your Creek	89.36	22	P	P	02 47 21.7 +0.8
C24K	Franklin Bluff	89.36	20	P	P	02 47 21.7 +0.9
YTRF	Yatir	89.40	301	P	P	02 47 21.5 -0.4
AQB3	Aqaba	89.44	300	P	P	02 47 21.8 -0.2
M23K	Glacier River	89.45	300	P	P	02 47 21.5 +0.2
HRFI	Mount Harif	89.45	300	P	P	02 47 22.0 -0.1
WAT6	Susitna Watana	89.46	28	P	P	02 47 21.7 +0.2
PRNI	Paran	89.48	300	P	P	02 47 22.9 +0.6
COLA	College	89.49	251	eP	pmax	02 47 20.7 -0.7
COLA	comp=Z,11nm,2.5s					
H24K	Noodor Dome	89.51	24	P	P	02 47 22.6 +1.0
EIL	Eilat	89.52	300	P	P	02 47 22.2 -0.2
GSPA	South Pole Qui	89.54	180	P	P	02 47 22.4 +0.6
GSPA	comp=Z,16nm,0.8s					
GSPA	South Pole Qui	89.54	180	P	P	02 47 22.4 +0.4
GSPA	comp=Z,38nm,1.4s			Iamb	Iamb	02 47 24.1
GSPA	South Pole Qui	89.54	180	P	P	02 47 22.6 +0.7

P23K	Montague Islan	89.54	30	P	P	02 47 22.4 +0.6
F24K	Squaw Lake	89.57	23	P	P	02 47 22.7 +0.9
F24K	comp=Z,15nm,1.2s			Iamb	Iamb	02 47 24.2
F24K	Squaw Lake	89.57	23	P	P	02 47 23.0 +1.0
SCM	Sheep Creek Mo	89.63	28	Iamb	Iamb	02 47 31.5
SCM	Sheep Creek Mo	89.63	28	P	P	02 47 22.5 +0.3
DHY						

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 R17L Mt. Peulik Vol, PR7 Porcupine Dome, 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 G17K Kiwialik Moun, C21K Knifblade Lak, 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 ESDC Sonseca Array, DAVA Damuels, etc.

ISC 08 03:44:20.0; 1.4, 33.88N; 45.90E, h0km, mb3.8/12, mbmp3.7/18, ML3.6/6, MS3.2/13, Error ellipse: s-maj=25.0km s-min=14.1km az=149.0, NEIC 08 03:44:20.0; 1.4, 33.63N; 0.07; 46.0E; 0.1, h10km; 1km, mb4.3/9, Error ellipse: s-maj=18.3km s-min=11.2km az=99.0, TEH 08 03:44:20.0; 3.3; 60N; 46.0E; h12km; 13km, ML3.6, Presumed earthquake, ISC 08 03:44:20.1; 2.3; 55N; 0.05; 46.0E; 0.05, h10km; 8km, n57.1; 18152.2, mb3.8/17, MS3.2/6, Iran-Iraq border region, Presumed earthquake, Code Station Name Az AZZ Phase ID Time Res

8d 4h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists various stations like BHD, IBZA, IDOB, etc.

TEH 08 03:48:23.7, 33.56N, 45.91E, h11km, 85km, ML2.5, Presumed earthquake

ISC 08 03:48:25.1, 0.33, 54N, 0.05, 45.94E, 0.06, h19km, n7, 0.67/9, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like ILBA, IGHG, IDHR, etc.

IDC 08 04:04:54.8, 1.5, 34.00N, 138.46E, h0km, mb3.6/2, mbtmp3.4/3, ML2.1/1, Error ellipse: s-maj=35.9km

JMA 08 04:04:54.9, 0.2, 34.7N, 0.6, 140.6E, 0.7, h54km, 1km, MV2.8/34, SE OFF BOSO PENINSULA

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ISC 08 04:04:55.5, 1.2, 34.64N, 0.05, 140.62E, 0.07, h50km, 10km, n21, 0.672/24, Near east coast of eastern Honshu

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like BSO3, BSO1, BSO4, etc.

H112 WAKE ISLAND Hy 27.28 116 T T 04 39 59.6

H111 WAKE ISLAND Hy 27.59 116 T T 04 39 59.9

H113 WAKE ISLAND Hy 27.60 116 T T 04 39 57.0

H115 WAKE ISLAND Hy 28.20 118 T T 04 40 40.6

H111 WAKE ISLAND Hy 28.20 118 T T 04 40 41.2

H112 WAKE ISLAND Hy 28.20 118 T T 04 40 41.3

WRA Warramunga Arr 54.61 187 P P 04 14 19.6 +0.6

ASAR Air Springs 58.34 187 P P 04 14 44.9 -0.6

NEIC 08 04:15:05.2, 2.1, 35.63N, 0.01, 117.41W, 0.01, h10km, 4km, mb4.1/30, ML4.4/170, Mw4.2/148, Mw4.3/6(PAS), Error ellipse: s-maj=2.0km s-min=0.9km az=155.0, Moment Tensor Solution. Moment tensor: Scale 10^15 Nm; Mn:0.52, Mw:2.19, Mxx:1.68, Mxy:0.27, Myy:1.94, Mzz:0.81; Fault plane solution: M2, 34000x1015 NP2: phi=155.50000, 884.12000, 1.160.95000. NP2: phi=247.52000, 671.05000, 1.6.22000. Principal axes: T: 2.6192, Plg18.0000, Azm110.0000; N: 0.3985, Plg70.0000; Azm319.0000; P: -3.0177, Plg9.0000, Azm203.0000;

PAS 08 04:15:05.8, 2.0, 35.638N, 0.009, 117.42W, 0.01, h4km, 2km Error ellipse: s-maj=1.4km s-min=1.3km az=131.0

NEIC 08 04:15:05.2, 35.63N, 117.41W, h10km IDC 08 04:15:06.2, 0.6, 35.66N, 117.15W, h0km, mb3.9/3, mbtmp3.7/9, ML3.8/6, MS3.4/26, Error ellipse: s-maj=3.6km s-min=1.5km az=75.0

ISC 08 04:15:06.1, 0.7, 35.63N, 0.02, 117.42W, 0.02, h14km, 5km, n166, 0.191/165, mb4.2/10, MS3.5/19, Central California

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like CCCA, GPO, CLC, etc.

WBSM Bird S, 0.59 261 P Pg 04 15 17.0 -0.8

GSC Goldstone, Bar 0.60 123 P Pg 04 15 17.4 -0.4

MFS McCloud Flat S 0.60 324 P Pg 04 15 17.1 -0.9

DAC Darwin (Calif) 0.66 348 P Pg 04 15 17.8 -1.3

WORM Onyx Ranch 0.67 276 P Pg 04 15 18.3 -0.9

WORM Calif City Arr 0.68 226 P Pg 04 15 27.1 -1.0

WHFM Hanning Flat 0.76 275 P Pg 04 15 28.3 -0.4

HYS Haystack Butte 0.77 189 P Pg 04 15 20.2 -0.9

GWY Greenwater Val 0.82 47 P Pg 04 15 21.2 -1.0

GWY comp=E, 17.0m, 0.4s IAML 04 15 35.2

RRX Edison Barstow 0.83 155 P Pg 04 15 21.6 -0.5

RRX Alvord Mountai 0.86 131 P Pg 04 15 32.8 +9.5

ISA Isabella, Lake 0.86 273 P Pg 04 15 33.3 -0.9

ISA comp=N, 9.0m, 0.6s IAML 04 15 33.7

EDW2 Edwards Air Fo 0.88 212 P Pg 04 15 34.3 -0.4

WASMA Alta Sierra Ca 0.93 277 P Pg 04 15 23.1 -1.1

440

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like GRAC, VESTAL, BFCO, etc.

CASO	Castillo	6.73 113 eP	Pn	06 07 20.5 +0.2
ARE1	Arenal 1	6.73 113 eP	Pn	06 07 19.6 -0.7
VARE2	V. Arenal	6.73 113 eP	Pn	06 07 20.1 -0.2
CEDE	Volcan Cededo	6.74 113 eP	Pn	06 07 21.2 +0.8
VACR	Laiguan Arenal	6.77 113 eP	Pn	06 07 20.8 +0.1
FORO	Fortuna	6.78 113 eP	Pn	06 07 20.3 +0.5
SRA1	San Ramn	7.11 115 eP	Pn	06 07 25.9 +0.5
ZARE	Zarcoro	7.14 114 eP	Pn	06 07 26.5 +0.4
ORALD	Orotina	7.14 116 eP	Pn	06 07 26.5 +0.6
PAIRO	Palmares	7.16 115 eP	Pn	06 07 27.0 +0.8
VP5S	V. Poas	7.28 114 eP	Pn	06 07 28.8 +0.8
VB5V	V. Barva	7.43 114 eP	Pn	06 07 31.4 +0.1
HDC	Heredia	7.47 114	Pn	06 07 30.6 +0.2
TEIG	Tepich	7.47 20	Pn	06 07 30.3 +0.1
TEIG	Tepich	7.47 20	Pn	06 07 30.8 +0.4
ACOS	Acosta	7.51 116 eP	Pn	06 07 33.2 +2.2
ECI	Escuela Centro	7.55 115 eP	Pn	06 07 32.7 +2.1
PICV	P. Pirrs	7.57 117 eP	Pn	06 07 32.4 +0.7
CORON	Coronado	7.58 114 eP	Pn	06 07 35.4 +3.5
CVIMO	Finca Echandi	7.61 114 eP	Pn	06 07 34.7 +2.3
TAGO	Cartago	7.69 115 eP	Pn	06 07 35.6 +2.0
PTTB	Pirrs, San	7.70 116 eP	Pn	06 07 35.2 +2.0
RAZU	San Marcos de	7.70 116 eP	Pn	06 07 34.9 +1.3
VICA	Volcano Irazu	7.71 114 eP	Pn	06 07 33.7 -0.4
REPA	Paraso	7.76 115 eP	Pn	06 07 36.1 +1.7
PCAYA	Pacayas	7.77 114 eP	Pn	06 07 38.3 +3.6
PIEC	Cerro El Cedra	7.77 116 eP	Pn	06 07 36.3 +1.6
CVTU	Tajo	7.78 113 eP	Pn	06 07 39.1 +1.1
VTCV	V. Tepezapn, Calle Va	7.85 117 eP	Pn	06 07 41.7 +1.7
VERB	Verbena	7.86 113 eP	Pn	06 07 38.3 +2.4
SAJE	San Jernim	8.29 117 eP	Pn	06 07 43.5 +1.8
VERH	Veragua Rainfo	8.32 112 eP	Pn	06 07 41.8 +0.3
EDPE	Pejibaye, P.	8.33 118 eP	Pn	06 07 43.4 +1.2
BUES	Buenos Aires	8.32 117 eP	Pn	06 07 46.2 +1.4
PANP	Panama Norte	8.52 119 eP	Pn	06 07 45.5 +0.7
DRKO	Durika	8.56 116 eP	Pn	06 07 37.6 -7.9
FIMO	Fila Mora	8.60 118 eP	Pn	06 07 47.4 +1.5
EDP2	Potrero Grande	8.74 118 eP	Pn	06 07 50.1 +2.3
PIRO	Carate, Puerto	8.92 121	Pn	06 07 50.1 -0.1
PIRO	Carate, Puerto	8.92 121	Pn	06 07 49.9 -0.8
FITO	Golfito	8.95 120	Pn	06 07 50.2 -0.4
NELY	Ciudad Neily	9.12 119 eP	Pn	06 07 53.6 +0.7
BRUZ	Volcan	9.27 117	Pn	06 07 56.6 +1.6
BRUZ	Volcan	9.27 117 eP	Pn	06 07 54.3 -0.8
CLRA	Cordillera,	9.36 117 eP	Pn	06 07 57.3 +1.0
JEFFS	de V. Baru	9.48 117 eP	Pn	06 07 55.9 +1.9
BOTLY	Boquete Panama	9.48 117 eP	Pn	06 07 58.9 +0.8
PBNVO	Pueblo Nuevo,	9.66 115 eP	Pn	06 07 59.9 -0.4
KNKNU	Kakint	10.02 115 eP	Pn	06 08 04.2 -1.1
APAC	Apartado, Choc	15.13 109	P	06 09 21.7 +2.9
HBVL	Hebbronville	15.56 334	P	06 09 20.9 +1.0
HBVL	Hebbronville	15.56 334	Iamb	06 09 40.8
CBOC	Ciudad Bolivar	16.48 115	P	06 09 32.6 +0.6
833A	Chaparral WMA,	16.96 334	P	06 09 36.9 -0.8
NMDO	Nuevo Mundo	17.00 62	P	06 09 36.8 -1.4
GUY2C	Guayana, Caldas	17.35 116	P	06 09 44.0 +0.1
BBAC	Balboa, Cauca	17.57 128	P	06 09 47.3 +1.2
441A	deRidder	17.59 354	P	06 09 45.3 -0.7
POPC	Popayan, Colom	17.70 126	P	06 09 48.1 +0.6
OTAV	Otavallo	17.91 135	eP	06 09 56.5 +6.5
OTAV	Otavallo	17.91 135	pwp	06 10 11.1 +6.1
HNVL	Huntsville, TX	17.96 347	Iamb	06 09 54.4
HNDO	Hondo	17.98 336	P	06 09 49.2 -1.1
ROSC	El Rosal	18.45 115	P	06 09 56.7 +0.3
ROSC	El Rosal	18.45 115	P	06 09 55.8 -0.2
ROSC	El Rosal	18.45 115	Iamb	06 10 02.5
DRIO	Del Rio	18.45 333	P	06 09 55.0 -0.5
SLOR	San Lorenzo -	18.58 137	P	06 09 56.9 -0.6
CVER	Cruz Verde, Cu	18.81 116	Pn	06 10 02.0 +1.1
PAMC	Pampalao, Colo	19.83 106	P	06 10 00.5 -0.9
PIAT	Ana Tenorio	18.94 137	P	06 10 04.3 +1.9
VILC	Villavicencio,	19.34 116	P	06 10 09.5 +2.6
BRDY	Brady	19.45 339	P	06 10 04.5 -2.0
WHXK	Lake Whitney,	19.63 344	Iamb	06 10 35.9
TXAR	Lajas Array	19.90 326	P	06 10 13.6 +0.1
TXAR	Lajas Array	19.90 326	PcP	06 14 27.6 +0.5
TXAR	Lajas Array	19.90 326	LR	06 20 04.1
TXAR	Lajas Array	19.90 326	P	06 10 10.9 -0.5
OZNA	Ozona	19.96 334	P	06 10 12.5 +0.4
TREL	Terrill	20.00 347	Iamb	06 10 11.8 -0.6
TREL	Terrill	20.00 347	Iamb	06 10 19.7
LRAL	Lakeview Retre	20.09 10	P	06 10 12.2 -1.1
LRAL	Lakeview Retre	20.09 10	Iamb	06 10 37.6
Z47A	Carrollton	20.10 7	P	06 10 13.4 -0.1
Z47A	Carrollton	20.10 7	Iamb	06 10 24.1
152A	Waverly Hall	20.23 16	P	06 10 13.0 -1.9
152A	Waverly Hall	20.23 16	Iamb	06 10 20.9
Z38A	Mt. Pleasant	20.31 350	P	06 10 14.8 -0.9
Z38A	Mt. Pleasant	20.31 350	Iamb	06 10 27.1
SDV	Santo Domingo	20.45 100	P	06 10 16.2 -1.4
SDV	Santo Domingo	20.45 100	P	06 10 16.9 -0.8
SDV	Santo Domingo	20.45 100	eP	06 10 17.1 -0.5
PLPT	Palo Pinto	20.64 342	P	06 10 18.0 -1.4
PLPT	Palo Pinto	20.64 342	Iamb	06 10 25.6
ALPN	Alpine	20.70 328	Iamb	06 10 26.1
Z35A	Percharven, San	20.84 345	Iamb	06 10 45.6
ABTX	Abilene, Hawie	20.90 339	P	06 10 21.4 -0.7
ABTX	Abilene, Hawie	20.90 339	Iamb	06 10 27.2
TPB05	Hovey Rd	20.98 329	Iamb	06 10 26.8
229A	Bryant Ranch,	21.16 334	Iamb	06 10 29.6
TPB01	Permian Basin	21.23 328	Iamb	06 10 31.2
LP1G	La Paz	21.23 304	LR	06 19 30.5
X48A	Hartselle	21.48 9	Iamb	06 10 58.2
TPB06	Permian Basin	21.52 331	Iamb	06 10 36.7
UALR	University of	21.53 357	Iamb	06 10 36.0
Y52A	Liburn	21.53 16	Iamb	06 10 34.5
ODSA	Odessa	21.61 333	Iamb	06 10 57.3
PECS	Pecos	21.62 329	Iamb	06 10 32.5
APMT	Aspermont	21.70 339	Iamb	06 10 36.3
VHRN	Van Horn	21.74 326	Iamb	06 10 41.5
129A	Stevens Farms,	21.75 335	Iamb	06 10 38.0
TPB13	Reeves - Culbe	21.76 329	Iamb	06 10 35.5
SN07	Snyder 07	21.77 337	Iamb	06 10 34.5
POST	Post	21.98 336	Iamb	06 10 40.0
128A	Castleberry Fa	22.01 333	Iamb	06 10 40.4
TPB28	Permian Basin	22.28 328	Iamb	06 10 37.7
PK15	Dickens	22.29 338	Iamb	06 10 40.4
W35A	Tecumseh	22.50 347	Iamb	06 10 54.0

FCAR	Ozark Folk Cen	22.63 358	Iamb	06 10 41.2
MNXT	Cornudas Mount	22.66 327	Iamb	06 10 51.7
V48A	Sm Brothers	22.77 9	Iamb	06 11 03.0
LCAR	Lake Charles	22.79 360	Iamb	06 11 10.0
BG3	Lake Joacsee	22.91 17	Iamb	06 11 08.1
WWT	Waverly	23.02 7	P	06 10 43.7 -1.0
WVT	Waverly	23.02 7	Iamb	06 10 56.4
TULO	Leonard	23.03 350	Iamb	06 11 04.2
RLO	Rose Lookout	23.16 352	Iamb	06 11 22.1
OK029	Liberty Lake	23.25 347	Iamb	06 10 49.1
OK052	Battle Ridge R	23.30 348	Iamb	06 11 11.6
TKL	Tuckaleechee C	23.31 15	LR	06 20 36.9
TKL	Tuckaleechee C	23.31 15	Iamb	06 11 27.3
V53A	Saluda	23.38 17	Iamb	06 11 17.2
AMTX	Amatillo	23.66 338	Iamb	06 10 57.2
U049A	Red Boiling Sp	23.70 11	Iamb	06 10 51.7
OK051	ES050 & S346	23.80 348	Iamb	06 11 28.8
TZTN	Tazewell	24.20 15	Iamb	06 11 02.2
S44A	Carbondate	24.46 3	Iamb	06 11 37.7
U54A	Nelsons Funn	24.66 18	Iamb	06 11 07.7
CCM	Cathedral Cave	24.77 360	P	06 11 00.2 -0.7
CCM	Cathedral Cave	24.77 360	Iamb	06 11 01.9
SS1A	Beattyville	25.24 14	Iamb	06 11 42.2
Y22A	Socorro	25.24 328	Iamb	06 11 14.2
WCI	Wyandotte	25.29 9	P	06 11 04.8 -0.9
R50A	Paris	25.69 12	Iamb	06 11 26.8
ANMO	Albuquerque	25.78 330	LR	06 23 21.3
ANMO	Albuquerque	25.78 330	P	06 11 09.1 -1.2
TUC	Tucson	26.27 320	P	06 11 15.7 +1.0
P48A	Milroy	26.63 10	Iamb	06 11 32.9
Q5A	Coxs Mills	27.23 18	Iamb	06 11 24.0
CZ5B	Cruzeiro do Su	27.62 138	eP	06 11 30.2 +3.3
ACSO	Alum Creek Sta	27.85 13	Iamb	06 11 28.8
N47A	Urbana	27.98 9	Iamb	06 11 28.7
O12A	Adamsville	28.01 15	Iamb	06 11 30.7
X56A	Lo Mia Camp, P	28.10 322	Iamb	06 11 41.9
MVCO	Mesa Verde	28.58 330	Iamb	06 11 49.5
L40A	Anamosa	28.77 360	Iamb	06 11 36.4
WUAZ	Wupatki	28.83 324	Iamb	06 11 49.6
N53A	Lisiboo	28.92 16	Iamb	06 11 38.6
PAMR	Moraine State	29.25 17	Iamb	06 11 41.2
PV13	Radium Mtn., P	29.48 331	Iamb	06 12 03.9
PV18	Skein Mesa, Pa	29.60 331	Iamb	06 11 55.4
JFWS	Jewell Farm	29.63 1	Iamb	06 11 44.1
PV19	Moring Glades	29.68 331	Iamb	06 12 08.9
PV10	Paradox Valley	29.76 331	Iamb	06 11 59.4
PV23	Carpenter Ridg	29.81 331	Iamb	06 12 02.2
BC3	Big Chuckawall	30.16 317	P	06 11 52.6 +3.1
BC3	Big Chuckawall	30.16 317	Iamb	06 11 52.9
I42A	Drazer Farm	30.65 3	Iamb	06 11 52.8
KNB	Kanab	30.72 324	Iamb	06 12 09.6
PFO	Pinyon Flats O	30.81 316	LR	06 25 24.5
LCMT	Little Creek M	30.96 324	Iamb	06 12 03.7
TEFE	Tefe	31.00 121	eP	06 11 57.4 +0.5
TEFE	Tefe	31.00 121	sP	06 12 19.2 +4.3
MTPU	Mount Pierson	31.10 327	Iamb	06 12 07.1
Q16A	Castle Valley	31.23 329	Iamb	06 12 13.6
MZCU	Shurtz Canyon	31.28 325	Iamb	06 12 05.7
STPC	Mountain Pass	31.34 319	P	06 12 00.6 +0.7
CSUT	Cedar City	31.40 325	Iamb	06 12 08.7
PSUT	Pine Spring	32.37 325	Iamb	06 12 22.3
J57A	Williamstown	32.78 20	Iamb	06 12 12.2
SADO	Sadown	33.07 16	LR	06 26 38.6
SADO	Sadown	33.07 16	Iamb	06 12 14.0
HWUT	Hardware Ranch	33.50 332	Iamb	06 12 21.6
PDAR	Pinedale Array	33.55 335	P	06 12 19.2 -0.1
PDAR	Pinedale Array	33.55 335	PcP	06 15 00.9 +1.8
TPH	Tonopah	34.02 321	Iamb	06 12 29.9
HVU	Hansel Valley	34.20 330	Iamb	06 12 36.6
MACA	Manacapura-AM	34.21 116	eP	06 12 25.1 +0.1
MACA	Manacapura-AM	34.21 116	P	06 12 25.5 +0.4
MDPB	Devils Postpil	34.90 319	Iamb	06 12 34.8
NVAR	Mina Array Bea	34.90 321	P	06 12 33.0 +2.0
NVAR	Mina Array Bea	34.90 321	LR	06 29 19.3
NVAR	Mina Array Bea	34.90 321	P	06 12 30.6 -0.4
AGMN	Agassiz Nation	35.24 354	P	06 12 32.8
CMB	Columbia Colle	35.97 319	P	06 12 38.6 -1.4
CMB	Columbia Colle	35.97 319	Iamb	06 12 43.5
PAHR	Pah Rah Range	36.35 322	Iamb	06 12 46.3
VALD	Val d'Or	36.60 15	Iamb	06 12 44.4
MFID	Camas Ranch	36.92 329	Iamb	06 13 00.2
DLMT	Dillon	36.94 334	Iamb	06 12 51.3
LPAZ	La Paz	37.01 142	P	06 12 49.4 -0.3
BEKR	Beckworth	37.04 321	Iamb	06 12 56.1
ULM	Lac du Bonnet	37.17 355	P	06 12 48.4 -1.6
ULM	Lac du Bonnet	37.17 355	LR	06 31 32.9
WVOR	Wild Horse Val	37.70 326	Iamb	06 12 57.6
IOCS	IOPC Station P	37.83 145	P	06 12 54.7 +1.3
003E	Paynes Creek	38.19 321	Iamb	06 13 01.7
PLID	Pearl Lake	38.24 331	Iamb	06 13 01.1

ITTB	Itaituba	39.14 114	eP	06 13 06.5 -0.5
I027A	Izee	39.28 327	Iamb	06 13 21.2
F10A	Beach Ranch E	39.48 331	Iamb	06 13 11.1
PINE	Pine Mountain	39.86 326	Iamb	06 13 23.5
VILB	Vilhena	40.10 129	P	06 13 15.2 +0.

Table with columns: Station ID, Name, Location, Time, Magnitude, Intensity, etc. Includes stations like M27K Edge Creek, F31M Tsighehtich, I29M Ogilvie Camp, etc.

Table with columns: Station ID, Name, Location, Time, Magnitude, Intensity, etc. Includes stations like R17L Mt. Peulik Vol, D25K Kavik River, G23K Bananza Creek, etc.

Table with columns: Station ID, Name, Location, Time, Magnitude, Intensity, etc. Includes stations like G16K Koyuk River, J14K Navararak Lak, E17K Hotham Inlet, etc.

NOU 08:06:10:54.1, 17:21S:167:23E, h0km, mb4.5/9, Vanuatu Islands, Vanuatu Islands

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like SANVU Saraoutou, MARNC Mare, KOUNC Koumanc, etc.

IDC 08:06:12:53.1, 8.51, 70N:82:24E, h0km, mbt2p4/2, ML2.0/2, Eorther ellipse: s-maj-E, 2.5km s-min=15.6km

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like IASHB Shabestar, IMRD Marand, ITBZ Tabriz, etc.

Table with columns: Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like GDB, YRD, YRD, LRK.

AFAD 08 06:29:56.6, 38°39'N, 45°60'E, h7km, 6km, ML3.0
ISK 08 06:29:59.5, 38°29'N, 45°58'E, h5km, ML3.3/5
NSSP 08 06:29:59.4, 38°47'N, 45°40'E, h5km, Ms3.4
AZER 08 06:30:00.1, 38°47'N, 45°28'E, h15km, m13.6
TEH 08 06:30:00.1, 38°38'N, 45°33'E, h13km, 11km, ML3.4

Presumed earthquake
ISC 08 06:30:01.0, 1.38, 38°41'N, 0.02, 45°42'E, 0.02, h18km, 4km, n65, 15/107, Iran-Armenia-Azerbaijan border region

Main table of station data for the first section, including stations like ISHB, IMRD, ORD, YOVA, etc.

2020 JUN

Presumed earthquake
GCG 08 06:30:03.0, 8.0, 4, 12°97'N, 91°30'W, h8km, 19km, MD3.9

Table of station data for the second section, including stations like FG16, STGS, SLOZ, CEVE, etc.

ASRS 08 06:40:33.0, 0.7, 54°15'N, 86°53'E, h0km, M2.5(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022.

IDC 08 06:40:37.5, 2.7, 54°13'N, 86°42'E, h0km, mbtmp2.7, ML2.5/2, Error ellipse: s-maj=20.9km s-min=13.7km

Table of station data for the third section, including stations like H46RU, ZALV, KURBB, MKAR, etc.

ASRS 08 07:05:06.0, 0.9, 53°60'N, 87°10'E, h0km, M2.3(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022.

IDC 08 07:05:09.3, 2.9, 53°62'N, 87°21'E, h0km, mbtmp2.5/2, ML1.6/1, Error ellipse: s-maj=25.9km s-min=16.7km

Table of station data for the fourth section, including stations like H46RU, ZALV, KURBB, MKAR, etc.

NIED 08 07:09:59.5, 38°34'N, 144°18'E, h41km, MW3.7, Moment Tensor Solution, s3 Moment tensor: Scale 10^14 Nm; Mn: -3.32; Mw: 0.93; Mw2: 2.39; Mw3: 0.57; Mw4: 0.98; Mw5: 2.59; Fault plane solution: 0.04, 0.08000 x 10^14 Np1, 0.82, 0.00000, -1.77, 0.00000. NP2: 0.198, 0.00000, 0.65, 0.00000, -1.96, 0.00000.

JMA 08 07:09:59.5, 0.2, 38°31'N, 0.8, 144°4'E, h41km, MW4.1/32, FAR E OFF NORTH HONSHU

IDC 08 07:10:05.7, 5.0, 38°38'N, 143°99'E, h91km, 46km, mb3.2/4, mbtmp3.5/5, Error ellipse: s-maj=40.5km s-min=24.4km

ISC 08 07:09:59.3, 1.1, 38°35'N, 0.06, 144°33'E, 0.08, h35km, n19, 15/130, mb3.6/4, Off east coast of Honshu

Table of station data for the fifth section, including stations like OFUJ, JIKH, JIKM, etc.

WRA Warramunga Arr 58.74 191 P 0.7mm, 0.5s, baz=10.0, slow=7.2, SNR=6.9

AKTO Aktyubinsk 59.51 312 P 0.7mm, 0.5s, baz=61.0, slow=9.9, SNR=4.3

ASAR Alice Springs 62.46 191 P 0.2mm, 0.8s, baz=9.8, slow=7.7, SNR=1.8

SNET 08 07:15:26.6, 2.6, 13°23'N, 90°96'W, h10km, 14km, ML3.3, Presumed earthquake

CATAC 08 07:15:29.0, 0.7, 14°N, 4°9'W, h13km, 5km, M3.5/11, ML3.5/11, Error ellipse: s-maj=11.4km s-min=7.7km

GCG 08 07:15:30.8, 1.1, 13°31'N, 90°94'W, h7km, 34km, MD4.0, Presumed earthquake

ISC 08 07:15:28.5, 2.7, 13.2N, 0.1, 91.01W, 0.08, h8km, 11km, n40, 15/265, 3D, Near coast of Guatemala

Table of station data for the sixth section, including stations like FAME, LOAL, LOAL, etc.

Table of station data for the seventh section, including stations like UNIC, UNIC, CEDA, CEDA, etc.

IDC 08 07:34:50.7, 0.8, 28°95'N, 128°99'E, h135km, 9km, mb3.2/7, mbtmp3.7/10, Error ellipse: s-maj=26.9km s-min=8.8km

JMA 08 07:34:51.2, 0.2, 29°0N, 0.7, 12°9'E, h134km, 2km, MV3.7/29, NEAR TOKARA ISLANDS

ISC 08 07:34:51.0, 0.8, 28°95'N, 0.04, 129°01'E, 0.06, h139km, 6km, n29, 0/88/44, mb3.4/7, Ryukyu Islands

Table of station data for the eighth section, including stations like JTAJ, JTAJ, JAMN, JAMN, etc.

WRA Warramunga Arr 48.88 173 P 0.8mm, 0.8s, baz=354, slow=8.3, SNR=6.1

ASAR Alice Springs 52.53 174 P 0.3mm, 0.6s, baz=354, slow=8.7, SNR=4.4

ILAR Eielson Array 61.73 29 P 0.3mm, 0.5s, baz=288, slow=8.0, SNR=11

FINES FINES Array 70.84 330 P 0.8mm, 0.5s, baz=75, slow=8.1, SNR=5.4

YKA Yellowknife Arr 75.78 25 P 0.3mm, 0.4s, baz=304, slow=5.9, SNR=5.2

CATAC 08 07:38:04.6, 1.0, 5°N, 3°7'W, h29km, 9km, M3.7/11, mb3.7/2, MLV3.6/11, Error ellipse: s-maj=8.4km s-min=3.8km az=52.2, confirmed

RSNC 08 07:38:05.9, 0.0, 5°N, 1°7'W, h16km, 3km, M2.9, mb4.0, ML2.6

ISC 08 07:38:02.2, 1.6, 4.97N, 0.03, 78°27'W, 0.03, h14km, 11km, n46, 2/46/86, South of Panama

Table of station data for the ninth section, including stations like PIZZ, PIZZ, SOLC, SOLC, etc.

BI02	comp=Z,6.9nm,1.2s	San Fabin de	37.21 285	P	P	11 08 56.2	0.0
BI02				I	Amb	11 08 59.9	
BO05	comp=Z,5.2nm,0.8s	Hualaina	38.83 286	P	P	11 09 09.0	-0.8
GO04		La Punta	38.98 289	P	P	11 09 09.5	-1.5
BO04				I	Amb	11 09 27.7	
MT09	comp=Z,9.3nm,1.1s	Talagante	39.34 288	P	I	11 09 13.4	-0.7
MT09				I	Amb	11 09 17.5	
MT16	comp=Z,6.3nm,0.6s	CCHEN	39.38 289	P	P	11 09 14.2	-0.3
PEL		Peidehue	39.69 289	P	P	11 09 17.8	+0.7
MT02		Curacav	39.83 289	P	P	11 09 18.0	-0.1
SUR	comp=Z,9.2nm,1.9,1.5s,baz=22,slow=30	Sutherland	40.11 70	LR	LR	11 21 40.4	
CO01		Juntas del Tor	41.98 293	P	P	11 09 35.7	-0.5
AC05		EI Transito	40.42 293	P	I	11 09 44.3	-0.1
AC05				I	Amb	11 09 56.9	
VNDA	comp=Z,1.2nm,1.2s	Vanda	44.20 182	P	P	11 09 54.0	+0.7
VNDA	comp=Z,1.2nm,0.9s,baz=207,slow=4.6,SNR=7.9			LR	LR	11 27 18.9	
VNDA	comp=Z,5.5nm,1.8,1.5s,baz=162,slow=35			LR	LR		
VNDA	comp=Z,2.2nm,0.5s	Vanda	44.20 182	P	P	11 09 53.0	-0.2
H04S2		CROZET ISLANDS	45.39 110	T	T	11 59 31.6	
H04S3	comp=Z,2.2nm,0.5s	CROZET ISLANDS	45.40 110	T	T	11 59 29.8	
H04S1	comp=Z,2.2nm,0.5s	CROZET ISLANDS	45.41 110	T	T	11 59 27.6	
BDFB	comp=Z,1.8nm,0.4s,baz=172,slow=9.8,SNR=3.8	Brasilia	46.13 328	P	P	11 10 09.8	+0.4
BDFB	comp=Z,1.8nm,0.4s	Brasilia	46.13 328	P	I	11 10 09.9	+0.6
BDFB				I	Amb	11 10 28.0	
LBTB	comp=Z,2.5nm,0.7s	Lotbatse	48.54 69	LR	LR	11 27 29.1	
H10S2	comp=Z,5.8nm,19.2s,baz=198,slow=32	ASCENSION HYDRO	50.10 13	T	T	12 04 56.3	
H10S3	comp=Z,5.8nm,19.2s,baz=198,slow=32	ASCENSION HYDRO	50.10 13	T	T	12 04 58.9	
GO01	comp=Z,10.0nm,1.5s	Chumzima	50.35 301	P	I	11 10 41.3	-1.1
GO01				I	Amb	11 10 52.4	
H10N1	comp=Z,4.0nm,0.5s,baz=200,slow=6.3,SNR=33	ASCENSION HYDR	51.12 13	T	T	12 06 15.0	
H10N3	comp=Z,4.0nm,0.5s	ASCENSION HYDR	51.12 13	T	T	12 06 24.2	
H10N2	comp=Z,4.0nm,0.5s,baz=200,slow=6.3,SNR=33	ASCENSION HYDR	51.14 13	T	T	12 06 25.3	
PB16	comp=Z,5.1nm,1.3s	IPOC Station P	51.66 301	P	I	11 10 51.1	-1.2
PB16				I	Amb	11 11 16.9	
LPAZ	comp=Z,1.9nm,0.7s,baz=156,slow=4.6,SNR=9.0	La Paz	52.86 304	P	P	11 11 00.3	+1.7
LPAZ	comp=Z,1.9nm,0.7s			LR	LR	11 11 03.3	-1.0
MATP	comp=Z,4.8nm,18.5s,baz=180,slow=33	Matop	53.83 69	LR	LR	11 30 58.6	
FOMA	comp=Z,4.7nm,0.7s,baz=184,slow=8.5,SNR=4.8	Nahampoana Res	59.54 89	P	P	11 11 47.9	-0.3
DBIC	comp=Z,4.7nm,0.7s	Dimbokro	66.88 22	P	P	11 12 37.2	+0.3
DBIC	comp=Z,3.3nm,1.0s	Dimbokro	66.88 22	P	P	11 12 37.6	+0.7
BOAV	comp=Z,3.3nm,1.0s	Boa Vista	67.01 321	P	I	11 12 36.7	-1.1
BOAV				I	Amb	11 12 40.4	
TORD	comp=Z,4.0nm,0.5s,baz=200,slow=6.3,SNR=33	Torodi Ar. Bea	74.57 27	P	P	11 13 24.8	+1.1
TORD	comp=Z,4.0nm,0.5s	Torodi Ar. Bea	74.57 27	P	I	11 13 24.3	+0.6
TORD				I	Amb	11 13 38.5	
KMBO	comp=Z,3.5nm,0.6s	Kilima Mbogo	74.73 66	LR	LR	11 44 38.6	
SDV	comp=Z,5.0nm,18.5s,baz=180,slow=34	Santo Domingo	76.66 313	LR	LR	11 48 19.6	
FURI	comp=Z,3.9nm,20.1s,baz=52,slow=36	Furi	84.16 63	LR	LR	11 49 16.7	
FURI	comp=Z,4.1nm,19.5s,baz=214,slow=34	Furi	84.16 63	LR	LR	11 49 16.7	
ASAR	comp=Z,0.5nm,0.7s,baz=181,slow=37,SNR=4.7	Allice Springs	96.26 160	P	P	11 15 12.4	-0.9
ASAR	comp=Z,0.5nm,0.7s			LR	LR	11 56 53.5	
ASAR	comp=Z,3.1nm,18.4s,baz=176,slow=34	Allice Springs	96.26 160	P	P	11 15 12.7	-0.7
YKA	comp=Z,0.6nm,0.7s,baz=138.35,PKP	Yellowknife Ar	138.35 315	PKP	PKPdf	11 21 08.2	-1.4
P32M	comp=Z,0.6nm,0.7s,baz=138.35,PKP	Atin	145.03 303	PKP	PKPbc	11 21 21.1	+0.2
MKP3	comp=Z,0.6nm,0.7s,baz=138.35,PKP	Sheldon Lake	145.44 309	PKP	PKPab	11 21 22.1	+0.3
NS2M	comp=Z,0.6nm,0.7s,baz=138.35,PKP	Quiet Lake	145.52 306	PKP	PKPab	11 21 22.1	+0.4
C36M	comp=Z,0.6nm,0.7s,baz=138.35,PKP	Paulatuk	145.66 322	PKP	PKPab	11 21 22.5	+0.2
A36M	comp=Z,0.6nm,0.7s,baz=138.35,PKP	Sachs Harbour	146.97 326	PKP	PKPbc	11 21 25.7	-0.1
S0NM	comp=Z,0.6nm,0.7s,baz=138.35,PKP	Songino Array	149.49 89	PKP	PKPbc	11 21 32.0	-1.3
ILAR	comp=Z,0.6nm,0.7s,baz=141,slow=2.9,SNR=11	Eielson Array	152.69 308	PKP	PKPbc	11 21 39.3	-0.8
ILAR				PKP	PKPbc		

MLSB	comp=Z,3.5nm,0.3s	Milias	3.55 30	Pn	Pn	11 08 49.5	+2.7
DALY	comp=Z,3.5nm,0.3s	Dalyan (Mula)	3.61 43	Pn	Pn	11 08 49.5	+1.9
SMG	comp=Z,3.5nm,0.3s	Samos	3.62 16	Pn	Pn	11 08 48.7	+0.9
YER	comp=Z,3.5nm,0.3s	Yerkesik	3.65 36	Pn	Pn	11 08 50.7	+2.5
GCAM	comp=Z,3.5nm,0.3s	Gzzelcam?	3.72 21	Pn	Pn	11 08 51.9	+2.8
MET4	comp=Z,3.5nm,0.3s	Agioi Theodoro	3.82 333	P	Pn	11 08 52.2	+1.7
METS	comp=Z,3.5nm,0.3s	Makryloggos,Me	3.83 333	P	Pn	11 08 52.1	+1.4
MET2	comp=Z,3.5nm,0.3s	Kameni Chora,	3.84 332	P	Pn	11 08 52.0	+1.2
AKAS	comp=Z,3.5nm,0.3s	Kas	3.86 58	Pn	Pn	11 08 52.5	+1.2
KARY	comp=Z,3.5nm,0.3s	Karystos	3.91 347	Pn	Pn	11 08 53.5	+1.8
ATHU	comp=Z,3.5nm,0.3s	Athens Univers	4.00 339	P	Pn	11 08 54.4	+1.3
PTL	comp=Z,3.5nm,0.3s	Penteli	4.06 341	Pn	Pn	11 08 54.5	+0.7
DION	comp=Z,3.5nm,0.3s	Dionisios Attiki	4.07 341	Pn	Pn	11 08 55.5	+1.6
CAME	comp=Z,3.5nm,0.3s	Cameli Zenitzi	4.09 47	Pn	Pn	11 08 56.2	+2.0
PYL	comp=Z,3.5nm,0.3s	Pyllos	4.10 312	Pn	Pn	11 08 55.5	+1.1
AYD	comp=Z,3.5nm,0.3s	Zeytinokoy-Aydi	4.16 26	Pn	Pn	11 08 57.5	+2.2
CHOS	comp=Z,3.5nm,0.3s	Chios island	4.17 5	Pn	Pn	11 08 58.3	+2.9
CHOS	comp=Z,3.5nm,0.3s	Chios island	4.17 5	Pn	Pn	11 08 56.1	+0.6
ITM	comp=Z,3.5nm,0.3s	Ithomi	4.18 316	Pn	Pn	11 08 56.2	+0.7
ITM	comp=Z,3.5nm,0.3s	Ithomi	4.18 316	Pn	Pn	11 08 57.9	+2.4
ITM	comp=Z,3.5nm,0.3s	Ithomi	4.18 316	Pn	Pn	11 08 56.5	+1.0
STFN	comp=Z,3.5nm,0.3s	Stefani	4.27 338	Pn	Pn	11 08 57.5	+0.8
BLCB	comp=Z,3.5nm,0.3s	Balcova	4.32 16	Pn	Pn	11 09 00.0	+2.6
NAZL	comp=Z,3.5nm,0.3s	Nazilli-Aydin	4.33 30	Pn	Pn	11 09 00.4	+2.8
LTK	comp=Z,3.5nm,0.3s	Loutrak	4.34 332	Pn	Pn	11 08 59.7	+2.1
ELT	comp=Z,3.5nm,0.3s	Elmal	4.34 53	Pn	Pn	11 08 59.1	+1.1
ELL	comp=Z,3.5nm,0.3s	Elmal	4.34 53	Pn	Pn	11 08 59.0	+1.1
ELL	comp=Z,3.5nm,0.3s	Elmal	4.34 53	Pn	Pn	11 08 59.0	+1.1
WIL2	comp=Z,3.5nm,0.3s	Platees	4.39 336	Pn	Pn	11 08 59.3	+0.9
APMY	comp=Z,3.5nm,0.3s	Asciyayam-Deniz	4.44 42	Pn	Pn	11 09 01.6	+2.5
ODEM	comp=Z,3.5nm,0.3s	Odemis-Izmir	4.52 26	Pn	Pn	11 09 02.7	+2.5
GUR	comp=Z,3.5nm,0.3s	Goura	4.53 326	Pn	Pn	11 09 02.5	+2.1
KYMI	comp=Z,3.5nm,0.3s	Kymi, Euboea I	4.55 345	Pn	Pn	11 09 01.6	+0.9
KYMI	comp=Z,3.5nm,0.3s	Skiros Island	4.71 350	Pn	Pn	11 09 03.0	+0.2
KORT	comp=Z,3.5nm,0.3s	Korkueli	4.78 53	Pn	Pn	11 09 06.4	+2.6
MIANT	comp=Z,3.5nm,0.3s	Manisa	4.85 29	Pn	Pn	11 09 04.1	+0.5
KULA	comp=Z,3.5nm,0.3s	Kula-Manisa	4.95 29	Pn	Pn	11 09 08.9	+2.7
GORD	comp=Z,3.5nm,0.3s	Gordes-Manisa	5.12 23	Pn	Pn	11 09 11.4	+2.9
BALB	comp=Z,3.5nm,0.3s	Balikesir	5.71 18	Pn	Pn	11 09 17.9	+1.4
LIT	comp=Z,3.5nm,0.3s	Litohoron	6.36 338	Pn	Pn	11 09 25.1	-0.3
LIT	comp=Z,3.5nm,0.3s	Litohoron	6.36 338	Pn	Pn	11 09 25.1	-0.3
CSS	comp=Z,3.5nm,0.3s	Mathiatis	6.44 81	Pn	Pn	11 09 26.1	-0.5
CSS	comp=Z,3.5nm,0.3s	Mathiatis	6.44 81	Pn	Pn	11 09 25.9	-0.7
RDO	comp=Z,3.5nm,0.3s	Rodhopi	6.91 360	Pn	Pn	11 09 32.7	-0.2
KEK	comp=Z,3.5nm,0.3s	Keirira	7.16 322	Pn	Pn	11 09 35.9	-0.8
MDUB	comp=Z,3.5nm,0.3s	Muduru	7.68 31	Pn	Pn	11 09 41.1	+0.5
SCTE	comp=Z,3.5nm,0.3s	Santa Cesarea	8.17 318	Pn	Pn	11 09 49.8	+0.1
KZIT	comp=Z,3.5nm,0.3s	Kziot	8.15 112	Pn	Pn	11 09 49.8	-0.2
MMAI	comp=Z,3.5nm,0.3s	Mount Meron Ar	8.29 96	Pn	Pn	11 09 52.2	+0.2
MMAI	comp=Z,3.5nm,0.3s	Mount Meron Ar	8.29 96	Pn	Pn	11 11 26.0	-0.1
SALP	comp=Z,3.5nm,0.3s	Salfit	8.35 102	Pn	Pn	11 09 51.4	-1.4
BR131	comp=Z,3.5nm,0.3s	Keekin Array S	8.47 47	Pn	Pn	11 09 54.1	-0.5
BR131	comp=Z,3.5nm,0.3s	Keekin Array S	8.47 47	Pn	Pn	11 09 55.0	+0.4
BRTR	comp=Z,3.5nm,0.3s	Keekin Array B	8.47 47	Pn	Pn	11 09 56.7	+2.2
BRTR	comp=Z,3.5nm,0.3s	Keekin Array B	8.47 47	Pn	Pn	11 11 27.3	-3.3
BRTR	comp=Z,3.5nm,0.3s	Keekin Array B	8.47 47	Pn	Pn	11 14 19.2	
BRTR	comp=Z,3.5nm,0.3s	Keekin Array B	8.47 47	Pn	Pn	11 09 54.6	+0.1
BRTR	comp=Z,3.5nm,0.3s	Keekin Array B	8.47 47	Pn	Pn	11 09 57.5	+2.9
BRTR	comp=Z,3.5nm,0.3s	Keekin Array B	8.47 47	Pn	Pn	11 09 54.6	+0.1
BRTR	comp=Z,3.5nm,0.3s	Keekin Array B	8.47 47	Pn	Pn	11 09 57.5	+2.9
ORNJ	comp=Z,3.5nm,0.3s	Al-Oreini	8.59 100	Pn	Pn	11 09 55.5	-0.5
UJAP	comp=Z,3.5nm,0.3s	Al Uja	8.61 103	Pn	Pn	11 09 55.7	-0.5
TIP	comp=Z,3.5nm,0.3s	Timpaigrande	8.63 307	Pn	Pn	11 09 55.8	-0.9
DSI	comp=Z,3.5nm,0.3s	Dead Sea	8.66 105	Pn	Pn	11 09 55.7	-1.4
MSBI	comp=Z,3.5nm,0.3s	Mazda	8.74 107	Pn	Pn	11 09 56.8	-1.2
CEL	comp=Z,3.5nm,0.3s	Celeste	8.79 300	Pn	Pn	11 09 59.0	+0.2
PRNI	comp=Z,3.5nm,0.3s	Perani	8.87 113	Pn	Pn	11 09 58.7	-1.2
GHAJ	comp=Z,3.5nm,0.3s	Ghor Haditha	8.91 106	Pn	Pn	11 09 59.4	-1.0

2020 JUN

8d 13h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like SONGINGO Array, SCHEFFERVILLE, CHIANG MAI ARR, etc.

IDC 08 11:14:33.2, 5.6, 6.44S, 155.50E, h0km, mb3.6/4, mbmp3.6/4, MS2.5/1, Error ellipse: s-maj=142.0km s-min=39.3km az=104.0, Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like WARRAMUNGA ARR, ALICE SPRINGS, WAKE ISLAND HY, etc.

IDC 08 12:21:20.9, 2.7, 2.70N, 94.45E, h101km, mb3.5/4, mbmp3.8/6, Error ellipse: s-maj=34.3km s-min=15.5km az=45.0

NEIC 08 12:21:21.0, 1.6, 2.2, 78N, 0.04, 94.60E, 0.07, h101km, 8km, mb4.2/9, Error ellipse: s-maj=10.7km s-min=2.9km az=58.0

NDI 08 12:21:24.2, 1.2, 2.2, 92N, 94.36E, h100km, ML3.6, MW3.5, Presumed earthquake

ISC 08 12:21:20.0, 0.8, 2.2, 80N, 0.06, 94.43E, 0.06, h105km, n32, r188Z, 1, mb4.17, Myanmar

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like CHIANG MAI ARR, LHASA, WUSHI, etc.

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

IDC 08 12:33:14.9, 1.3, 10.54S, 166.27E, h0km, mb3.8/5, mbmp3.9/7, ML3.7/2, MS3.0/12, Error ellipse: s-maj=38.4km s-min=22.6km az=149.0

ISC 08 12:33:20.3, 1.1, 10.6S, 0.1, 166.3E, 0.1, h36km, m21, r138Z, 9, mb3.9/5, MS3.0/7, Santa Cruz Islands

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

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

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

IDC 08 12:50:25.5, 8.5, 5.19S, 151.18E, h119km, 57km, mb3.2/2, mbmp3.7/3, MS2.7/1, Error ellipse: s-maj=118.7km s-min=57.1km az=120.0, New Britain region

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

HEL 08 13:13:56.0, 2.0, 68.07N, 33.30E, h0km, ML1.7, Suspected explosion

KOLA 08 13:13:56.0, 0.6, 68.07N, 0.02, 33.46E, 0.04, h0km, M2.3(MOC), The earthquakes of Russia in 2020. Obninsk, GS RAS 2022

IDC 08 13:13:58.1, 2.8, 68.04N, 33.23E, h0km, mbmp2.8/2, ML2.2/1, Error ellipse: s-maj=31.6km s-min=12.7km az=67.0

ISC 08 13:13:55.6, 0.8, 68.06N, 0.00, 33.38E, 0.03, h0km, n26, r191Z, 42, Baltic States-Belarus-Northwestern Russia

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

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

CATAC 08 13:28:59.0, 9.2, 5.6, 7.8W, 1.1, h172km, 8km, M3.6/12, mb3.8/3, MLV3.6/12, Error ellipse: s-maj=24.4km s-min=12.9km az=96.4, confirmed

RSNC 08 13:28:59.5, 1.5, 2.5, 5.5, 7.8W, 1.1, h20km, 15km, M3.5, mb4.8, mb3.3, ML3.0, Mw(MB)4.1

IDC 08 13:29:01.0, 9.9, 1.95S, 78.92W, h198km, 75km, mbmp3.6/2, Error ellipse: s-maj=110.1km s-min=71.2km az=45.0

ISC 08 13:28:58.4, 1.0, 1.72S, 0.06, 78.20W, 0.07, h188km, 9km, n35, r48/41, Ecuador

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

BJI 08 13:46:28.0, 9.3, 30S, 123.20E, h95km, mb4.9/8, mb4.7/35

IDC 08 13:46:28.7, 1.9, 9.03S, 123.30E, h68km, 16km, mb4.2/17, mbmp4.6/21, MS3.4/9, Error ellipse: s-maj=20.6km s-min=10.3km az=68.0

NEIC 08 13:46:30.7, 1.6, 9.27S, 0.07, 123.06E, 0.06, h96km, 6km, mb4.6/43, Error ellipse: s-maj=11.7km s-min=6.8km az=215.0

DJA 08 13:46:32.0, 0.1, 9.5, 1.2, 12.3E, 1.1, h90km, 2km, M4.7/80, mb5.0/80, mb5.3/44, MLV.0/30, Mw(MB)4.7/44, MwMwp4.3/2, Mwp4.8/2

ISC 08 13:46:30.9, 0.3, 9.23S, 0.04, 123.18E, 0.04, h92km, n231, r185Z, 207, mb4.75Z, AC-1D, Timor region

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

Table with columns: Station Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like JAGI, FITZ, GTOI, SNJI, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like CTA, INKA, MANU, GSI, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, SNR, and other parameters. Includes stations like KURBB, KURK, VNSA, YAKA, etc.

SINET 08 13:47:23.0, 1.3, 13.46N, 90.04W, h63km, ML2.9 Presumed earthquake

CATAC 08 13:47:24.2, 0.6, 13.1N, 3.9W, h32km, 3km, M3.0/14, MLV3.0/14, Error ellipse: s-maj=7.5km s-min=4.9km

CGC 08 13:47:26.3, 0.4, 13.73N, 89.95W, h73km, 15km, MD3.8 Presumed earthquake

ISC 08 13:47:28.2, 1.8, 13.49N, 0.07, 89.83W, 0.05, h42km, 11km, n34, i163.53, El Salvador

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like CEVE, FAME, JAYA, etc.

NEIC 08 14:32:54.1, 0.7, 37.31N, 0.07, 71.80E, 0.10, h182km, 8km, mb4.2/4, Error ellipse: s-maj=11.8km s-min=9.0km

az=65.0
 NNC 08 14:32:54.7, 3.37, 66N-71.51E, h0km, mb3.8, mpv3.5,
 Error ellipse: s-maj=57.5km s-min=46.4km az=169.0
 ISC 08 14:32:53.6, 0.8, 37.23N, 0.06, 71.82E, 0.06, h200km, m29,
 az=16/33, 2C, Afghanistan-Tajikistan border region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
GAR	Garm	2.13 327	Op	14 33 32.1	Pn
DRK	Karamyk	2.25 360	Pn	14 33 34.0	-1.4
CHGR	Chuyangaron	2.54 305	Pn	14 33 36.8	-1.3
SHAA	Shahritys	2.96 278	Pn	14 33 41.7	-1.2
KBL	Kabul	3.50 221	Pn	14 33 49.7	+0.2
KSH2	Kashi	3.52 56	Pn	14 33 49.4	-0.2
KSH2			Sn	14 34 31.4	-2.0
KSH2	comp=N, 46nm, 0.5s		smax		smax
ARSB	Arslanbaba	4.19 12	Pn	14 33 56.4	-1.4
NRN	Naryn	5.30 36	Pn	14 34 10.2	-1.9
TSSA	Tissa	5.64 140	eS	14 34 14.6	-1.9
TSSA			Sn	14 35 14.2	-7.6
TSSA			IAML	14 35 19.8	
TSSA	comp=E, 98nm, 0.3s		IAML	14 35 20.0	
THN	Thain Dam	5.77 145	eP	14 34 16.6	-1.3
THN			eS	14 35 18.4	-6.2
THN			IAML	14 35 21.8	
THN	comp=N, 119nm, 0.2s		IAML	14 35 22.4	
THN			IAML	14 35 22.4	
AAK	Ala-Archa	5.78 20	Pn	14 34 17.4	-0.7
AAK	Ala-Archa	5.78 20	↑P	14 34 17.3	-0.7
AAK	comp=E, 0.7nm, 0.3s		↑S	14 35 21.8	-3.1
AAK			↑S	14 35 21.8	-3.1
KK31	Karatay Array	5.96 351	Pn	14 34 19.4	-0.7
KK31	Karatay Array	5.96 351	P	14 34 19.5	-0.7
KK31	comp=E, 4.3nm, 0.3s, baz=152, slow=11, SNR=43		S	14 35 23.3	-5.5
KK31			S	14 35 23.3	-5.5
KK31	comp=E, 6.0nm, 0.2s, baz=170, slow=22, SNR=14		S	14 34 19.5	-0.7
KKAR	Kararay Array	5.96 351	Pn	14 34 19.5	-0.7
BOOM	Boomskoye usch	6.14 30	Pn	14 34 21.9	-0.8
DHRM	DHARAMSHALA	6.18 142	eP	14 34 21.7	-1.8
DHRM			eS	14 35 27.6	-6.9
DHRM			IAML	14 35 31.0	
DHRM	comp=E, 163nm, 0.5s		IAML	14 35 32.0	
DHRM			IAML	14 35 32.0	
DHRM	comp=N, 125nm, 0.3s		IAML	14 35 32.0	
KDJ	Kajisay	6.41 38	Pn	14 34 25.8	-0.5
KLP	Kalpa	7.78 135	eP	14 34 42.4	-1.9
KLP			eS	14 36 02.0	-1.0
KLP			IAML	14 36 08.6	
KLP	comp=E, 79nm, 0.4s		IAML	14 36 11.8	
KUDL	Kundal	9.87 155	eP	14 35 06.9	-4.3
KUDL			eS	14 36 48.9	-1.3
WMQ	Urumqi	13.74 56	eP	14 36 01.7	-0.8
AB31	Akbulak array	14.79 328	Pn	14 36 12.9	-0.2
AB31	Akbulak array	14.79 328	P	14 36 14.9	+0.9
AB31	comp=N, 0.4nm, 0.3s, baz=133, slow=12, SNR=39		S	14 36 14.9	+0.9
AB31			S	14 36 14.9	+0.9
AB31	comp=N, 0.8nm, 0.7s, baz=151, slow=23, SNR=4.6		S	14 38 55.7	-1.5
ZAA0	Zalesovo Array	18.98 24	P	14 37 00.2	+0.4
ZAA0			Iamb	14 37 02.5	
ZALV	Zalesovo Beam	18.98 24	P	14 37 00.4	+0.6
HHC	Hu-ho-hao-te	30.90 71	P	14 38 55.3	+3.8
HHC			pmax	14 41 14.1	+1.9
HHC			pmax	14 41 46.8	
HHC	comp=Z, 17nm, 0.8s		Iamb	14 41 46.8	
KBS	Kingsbay	48.05 347	P	14 41 44.8	+1.8
KBS			Iamb	14 42 11.4	+2.2
BJAR	Matsushiro Arr	52.08 69	P	14 41 44.8	+1.8
BBJ1	Bungbulang	55.66 135	P	14 42 11.4	+2.2

JMA 08 14:34:15.5, 0.2, 22.4N, 0.7, 121.1E, h16km, MV4.4/15, TAIWAN REGION
 NEIC 08 14:34:15.7, 0.8, 22.47N, 0.7, 121.23E, 0.05, h25km, 5km, mb4.4/28, Error ellipse: s-maj=9.8km s-min=7.0km az=183.0

NIED 08 14:34:15.5, 22.44N, 121.21E, h16km, Mw4.0, Moment Tensor Solution, s2 Moment tensor: Scale 10¹⁵Nm; M0: 1.2; Mxx: -0.05; Myy: -0.06; Mzz: 0.17; Mxy: -0.13; Myz: -0.01; Fault plane solution: M0: 1.03000x10¹⁵ Np, 1.65, 0.00000°, 87.00000°, 164.00000°, NP2: 171.00000°, 388.00000°, 183.00000°

TAP 08 14:34:16.4, 22.53N, 121.11E, h30km, ML4.4, IDC 08 14:34:17.1, 3.2, 22.41N, 121.27E, h45km, 32km, mb3.6/14, mbtmp3.9/17, ML3.6/2, MS3.1/9, Error ellipse: s-maj=21.5km s-min=15.7km az=60.0

ISC 08 14:34:15.5, 0.8, 22.52N, 0.02, 121.20E, 0.02, h27km, 5km, n222, s143/310, mb4.2/27, MS3.0/6, 10C-12D, Taiwan region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
TTN	Taitung	0.24 347	Op	14 34 24.2	+0.8
ECL	Tainai	0.24 288	↑P	14 34 22.0	+0.1
ECL			iS	14 34 26.0	-0.3
LDUT	Ludao	0.29 58	↑P	14 34 24.9	+0.9
LDUT			S	14 34 31.4	+1.9
TWBT	Beinan	0.32 339	↑P	14 34 23.8	-0.6
TWBT	Beinan	0.32 339	↑P	14 34 23.6	+0.6
TWBT			S	14 34 28.7	+0.7
TWG	Pinlang	0.32 338	↑P	14 34 23.5	+0.4
TWG	Pinlang	0.32 338	↑P	14 34 23.6	+0.6
TWG			Op	14 34 28.8	+0.6
TAW	Tawu	0.33 240	↑P	14 34 23.0	-0.1
TAW			S	14 34 27.4	-0.9
EAST	Anshuo	0.36 247	↑P	14 34 23.3	-0.3
EAST			eS	14 34 27.5	-1.5
LONT	Longtian	0.39 350	↑P	14 34 24.8	+0.7
LONT			S	14 34 31.1	-0.9
SLIU	Shizi	0.48 231	↑P	14 34 25.0	-0.5
MASBT	Mashibuluo	0.54 280	↑P	14 34 26.3	-0.1
MASBT			S	14 34 33.5	-0.3
TSMG	Majia	0.55 290	↑P	14 34 26.6	0.0
TSMG			eS	14 34 33.5	-0.6
SCZT	Fangliu	0.56 255	↑P	14 34 26.5	-0.3
ECS	Chishang	0.57 1	eP	14 34 27.7	-0.3
ECS			eS	14 34 36.4	-0.1
SSD	Sandimen	0.57 293	↑P	14 34 26.9	-0.2
SSD			Sb	14 34 34.1	-0.8
LAY	Lan-yu	0.58 146	↑P	14 34 27.6	-0.4
LAY			S	14 34 35.9	-0.9
SPST	Xinbi	0.59 266	↑P	14 34 27.7	+0.4
SPST			eS	14 34 36.4	-0.4
CHKT	Chengkung	0.59 15	↑P	14 34 28.3	+0.1
CHKT			iS	14 34 37.2	+0.2
SMST	Manzhou Townsh	0.60 214	P	14 34 27.7	+0.5
SMST			S	14 34 32.0	+3.0
EHD	Haiduan	0.62 0	↑P	14 34 27.6	-0.3
EHD			Sb	14 34 35.8	-0.5
LYUB	Lan-yu	0.63 146	↑P	14 34 27.2	-0.7
LYUB			Sb	14 34 35.0	-1.3
HEN	Hengchun	0.67 220	↑P	14 34 30.1	-1.2
HEN			S	14 34 41.5	+2.6
FULB	Fuli	0.68 7	P	14 34 29.2	-0.2
TSEB	Hengchuen, Pin	0.68 205	iP	14 34 30.9	+1.5
TSEB			S	14 34 43.0	+3.9
TKW1	Hengchun	0.68 212	eP	14 34 28.4	-0.5
TKW1			eS	14 34 31.1	+2.4
TKW1	Hengchun	0.68 213	eP	14 34 28.4	-0.5
TKW1			eS	14 34 41.8	+2.6
ELDTW	Lidau	0.69 346	P	14 34 28.7	-0.3
ELDTW			Sb	14 34 37.5	-0.7
SCLT	Jiouru	0.69 287	↑P	14 34 35.0	+0.5
CHLK	Chenggong	0.69 15	S	14 34 29.9	-0.1
CHLK			S	14 34 39.6	+0.2
SLGT	Liugui	0.70 313	P	14 34 29.5	-0.1
SLGT			S	14 34 39.4	-0.2
SCST	Cishan	0.75 299	↑P	14 34 31.2	+0.8
SCST			S	14 34 42.2	+1.6
STVH	Taoyuan	0.76 329	eP	14 34 30.8	+0.3
STVH			eS	14 34 41.5	+0.5

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
TWMI	Shoushan	0.78 293	eP	14 34 32.1	+1.3
WLCH	Liujiu	0.78 258	eP	14 34 32.5	+1.7
TWP	Hsiailiuchiu	0.80 258	eP	14 34 32.5	+1.4
TWP			eS	14 34 45.8	+3.8
ECBN	Changbin	0.82 16	eP	14 34 31.8	+0.4
ECBN			S	14 34 42.7	+1.0
EYUL	Yuli	0.83 7	eP	14 34 32.0	+0.5
KAU	Kaohsiung	0.83 273	eP	14 34 33.6	+2.2
KAU			Sb	14 34 46.6	+3.8
TWF1	Yuli	0.83 6	eP	14 34 31.5	+0.1
SNUT	Kaohsiung City	0.83 286	eP	14 34 33.2	+1.7
YULB	Yu-li	0.87 6	S	14 34 31.7	+0.9
YULB	Yu-li	0.87 6	S	14 34 38.0	-5.4
YULB	Yu-li	0.87 6	S	14 34 31.1	-1.1
YULB	Yu-li	0.87 6	S	14 34 31.0	-1.1
WSSB	Gushan	0.88 278	eP	14 34 33.1	+0.9
WSSB			S	14 34 33.9	+1.2
WTP	Ta-pu	0.90 323	eS	14 34 36.6	+1.9
CHN1	Nanshi	0.91 317	eP	14 34 33.8	+1.0
CHN1			S	14 34 46.5	+1.6
TPUB	Ta-pu	0.94 326	P	14 34 34.6	+1.4
TPUB	Ta-pu	0.94 326	S	14 34 42.8	+2.6
TPUB	Ta-pu	0.94 326	S	14 34 43.7	+1.9
TPUB	Ta-pu	0.94 326	eP	14 34 34.3	+1.1
TPUB	Ta-pu	0.94 326	eP	14 34 47.5	+2.0
CHN3	Shinhua	0.95 306	eP	14 34 35.0	+1.6
CHN3			S	14 34 49.8	+4.0
EHYH	Wanrong	0.98 8	eP	14 34 34.3	+0.5
EHYH	Hunrong	0.99 6	eP	14 34 34.2	+0.3
SSHA	Shanhua	1.04 306	eP	14 34 36.2	+1.3
SSHA			Sb	14 34 51.3	+3.0
ALS	Alishan	1.05 340	eP	14 34 35.9	+0.6
ALS			S	14 34 52.0	+3.3
SLCT	Jiali	1.14 305	eS	14 34 42.1	+0.7
SLCT			S	14 34 49.8	-0.6
CHNS	Tsauling	1.18 336	P	14 34 38.3	+1.1
CHNS			Sb	14 34 54.3	+2.2
ICHU	Yijhu	1.19 315	eP	14 34 37.4	+0.1
ICHU			S	14 34 53.4	+0.8
WABST	Fenglin Townsh	1.20 8	eP	14 34 37.0	+0.4
TSCK	Chigu Township	1.20 301	eP	14 34 37.0	+0.4
TSCK			Sb	14 34 53.3	+0.4
CHY	Chiayi	1.21 324	eP	14 34 37.9	+0.1
CHY			Sb	14 34 54.1	+1.1
WHYT	Xinyi Township	1.21 345	eP	14 34 38.6	+0.7
WHYT			Sb	14 34 56.7	+0.3
TEGC	Jichi Village	1.22 15	eP	14 34 37.7	-0.3
TEGC			Sb	14 34 54.5	-1.1
CHNB	Yiju	1.23 312	eP	14 34 37.9	-0.3
CHNB			S	14 34 52.9	+2.0
SSLB	Suanguang	1.28 350	P	14 34 38.6	-0.4
SSLB	Suanguang	1.28 350	eP	14 34 38.6	-0.4
SSLB	Suanguang	1.28 350	eP	14 34 38.9	-0.1
SSLB	Suanguang	1.28 350	eP	14 34 58.6	+3.5
WCK	Gukeng	1.30 333	eP	14 34 39.7	+0.3
WCK			Sb	14 34 57.0	+1.3
SHUL	Shoufeng	1.30 15	eP	14 34 38.3	-0.5
SHUL			S	14 34 57.8	+1.8
WDLH	Douliu	1.31 332	eP	14 34 39.6	+0.1
WDLH			Sb	14 34 57.1	+1.1
WDLH	Douliou City	1.34 333	eS	14 34 58.3	+1.6
WDLH	Shulin Townsh	1.34 318	eP	14 34 39.3	+0.8
WDLH			S	14 34 40.2	-0.2
WTK	Tuku	1.38 327	eP	14 34 40.2	-0.5
WTK			Sb	14 34 58.3	+0.3
SMTL	Sun Moon Lake	1.38 348	eP	14 34 41.6	+0.8
SMTL			S	14 35 00.1	+1.9
TEYL	Yanliu Villag	1.39 15	eS	14 34 40.1	-0.1
TEYL			Sb	14 34 59.1	+0.9
TYC	Yuchr	1.41 347	eP	14 34 42.2	+1.0
TYC			S	14 35 01.1	+2.3
OWD	Renai	1.43 359	eP	14 34 42.9	+1.3
OWD			S	14 35 01.4	+1.9
WNT	Mingjian	1.43 341	eP		

KBN Korca	1.25 134	P	Pn	15 22 16.9	+0.9	PAOL Paolisi	3.82 265	Pn	15 22 51.8	+0.4	VYHS		e		15 24 59.5		
KBN Korca	1.25 134	S	Sn	15 22 34.5	+1.2	VRSS Vrsac	3.83 19	ePn	15 22 52.0	+0.6	VYHS	Yyhne	7.01 356	ePn	Pn	15 23 38.0	+2.9
KBN Korca	1.25 134	S	Pg	15 22 15.8	0.0	RZN Rozhen	3.86 85	P	15 22 53.4	+1.5	VYHS			eS	Pn	15 24 59.5	+4.2
KBN Korca	1.25 134	S	Pb	15 22 35.0	+1.7	PLD Plovidiv	3.90 79	ePn	15 22 53.8	+1.5	MODS	Modra-Piesok	7.07 347	eP	Pn	15 23 38.7	+2.8
KBN Korca	1.25 134	S	AML	15 22 45.6		PLD Plovidiv	3.90 79	ePn	15 22 53.8	+1.5	MODS			eP	Pn	15 23 38.7	+2.8
comp=E,10nm,0.5s						PLD Plovidiv	3.90 79	ePn	15 22 53.8	+1.5	MODS			eP	Pn	15 23 38.7	+2.8
KBN Korca	1.25 134	P	Pg	15 22 15.8	0.0	PLR Ploculane	3.98 30	P	15 22 54.3	+1.2	MODS	Modra-Piesok	7.07 347	ePn	Pn	15 23 38.7	+2.8
KBN Korca	1.25 134	P	Pg	15 22 35.0	+1.7	BANR Banlo	4.04 16	P	15 22 55.5	+1.3	MODS			eS	Pn	15 25 00.4	+3.8
KBN Korca	1.25 134	P	Pg	15 22 15.9	0.0	SRE Strehia	4.12 39	P	15 22 57.1	+1.7	TIRR Tigrusor			eP	Pn	15 23 39.1	+1.7
KBN Korca	1.25 134	P	Pg	15 22 35.0	+1.7	SRE Strehia	4.12 39	P	15 22 57.1	+1.7	TIRR Tigrusor			eP	Pn	15 23 37.5	+1.2
KBN Korca	1.25 134	P	Pg	15 22 15.9	0.0	PLVB Pleven	4.17 61	P	15 22 58.5	+2.5	TIRR Tigrusor			eP	Pn	15 23 39.1	+1.7
KBN Korca	1.25 134	P	Pg	15 22 35.0	+1.7	INTR Introdacqua	4.29 279	Pn	15 22 58.0	+1.7	TIRR Tigrusor			eP	Pn	15 23 37.5	+1.2
KBN Korca	1.25 134	P	Pg	15 22 15.9	0.0	INTR Introdacqua	4.29 279	Pn	15 22 58.0	+1.7	TIRR Tigrusor			eP	Pn	15 23 39.1	+1.7
KBN Korca	1.25 134	P	Pg	15 22 35.0	+1.7	CEL Celeste	4.31 223	P	15 22 57.8	-0.3	TIRR Tigrusor			eP	Pn	15 23 38.6	+2.3
KBN Korca	1.25 134	P	Pg	15 22 14.9	-1.0	BZS Buzias	4.37 19	P	15 22 59.6	+0.8	TESR Tescani			eP	Pn	15 23 39.0	+2.3
KBN Korca	1.25 134	P	Pg	15 22 14.7	-1.2	BZS Buzias	4.37 19	P	15 22 59.6	+0.8	TESR Tescani			eP	Pn	15 23 38.8	+2.1
KBN Korca	1.25 134	P	Pg	15 22 33.6	+0.3	BZS Buzias	4.37 19	P	15 22 59.6	+0.8	TESR Tescani			eP	Pn	15 23 38.8	+2.1
KBN Korca	1.25 134	P	Pg	15 22 15.4	-1.0	BZS Buzias	4.37 19	P	15 22 59.6	+0.8	TESR Tescani			eP	Pn	15 23 38.8	+2.1
KBN Korca	1.25 134	P	Pg	15 22 37.9	+0.2	BZS Buzias	4.37 19	P	15 22 59.6	+0.8	TESR Tescani			eP	Pn	15 23 38.8	+2.1
KBN Korca	1.25 134	P	Pg	15 22 16.2	-1.2	BZS Buzias	4.37 19	P	15 22 59.6	+0.8	TESR Tescani			eP	Pn	15 23 38.8	+2.1
KBN Korca	1.25 134	P	Pg	15 22 37.6	+1.8	RDO Rodhopi	4.48 93	P	15 23 00.8	+0.5	CFR Caracul			eP	Pn	15 23 40.1	+2.0
KBN Korca	1.25 134	P	Pg	15 22 16.7	-1.2	GZR Gura Zlata	4.53 30	P	15 23 02.3	+1.3	CFR Caracul			eP	Pn	15 23 40.1	+2.0
KBN Korca	1.25 134	P	Pg	15 22 39.0	+2.3	GZR Gura Zlata	4.53 30	P	15 23 02.3	+1.3	CFR Caracul			eP	Pn	15 23 40.1	+2.0
KBN Korca	1.25 134	P	Pg	15 22 13.0	+0.3	GZR Gura Zlata	4.53 30	P	15 23 02.3	+1.3	CFR Caracul			eP	Pn	15 23 40.1	+2.0
KBN Korca	1.25 134	P	Pg	15 22 40.4	+1.9	GZR Gura Zlata	4.53 30	P	15 23 02.3	+1.3	CFR Caracul			eP	Pn	15 23 40.1	+2.0
KBN Korca	1.25 134	P	Pg	15 22 20.5	-0.2	ITM Ithom	4.57 157	P	15 23 02.8	-0.7	CFR Caracul			eP	Pn	15 23 40.1	+2.0
KBN Korca	1.25 134	P	Pg	15 22 42.6	+1.6	AQU L'Aquila	4.70 283	P	15 23 02.8	-0.7	CFR Caracul			eP	Pn	15 23 40.1	+2.0
KBN Korca	1.25 134	P	Pg	15 22 20.2	+0.4	AQU L'Aquila	4.70 283	P	15 23 02.8	-0.7	CFR Caracul			eP	Pn	15 23 40.1	+2.0
KBN Korca	1.25 134	P	Pg	15 22 42.4	+1.4	AQU L'Aquila	4.70 283	P	15 23 02.8	-0.7	CFR Caracul			eP	Pn	15 23 40.1	+2.0
KBN Korca	1.25 134	P	Pg	15 22 21.0	+0.1	AQU L'Aquila	4.70 283	P	15 23 02.8	-0.7	CFR Caracul			eP	Pn	15 23 40.1	+2.0
KBN Korca	1.25 134	P	Pg	15 22 21.3	+0.3	AQU L'Aquila	4.70 283	P	15 23 02.8	-0.7	CFR Caracul			eP	Pn	15 23 40.1	+2.0
KBN Korca	1.25 134	P	Pg	15 22 44.0	+0.6	AQU L'Aquila	4.70 283	P	15 23 02.8	-0.7	CFR Caracul			eP	Pn	15 23 40.1	+2.0
KBN Korca	1.25 134	P	Pg	15 22 21.3	+0.3	AQU L'Aquila	4.70 283	P	15 23 02.8	-0.7	CFR Caracul			eP	Pn	15 23 40.1	+2.0
KBN Korca	1.25 134	P	Pg	15 22 44.4	+0.9	AQU L'Aquila	4.70 283	P	15 23 02.8	-0.7	CFR Caracul			eP	Pn	15 23 40.1	+2.0
KBN Korca	1.25 134	P	Pg	15 22 21.3	+0.3	AQU L'Aquila	4.70 283	P	15 23 02.8	-0.7	CFR Caracul			eP	Pn	15 23 40.1	+2.0
KBN Korca	1.25 134	P	Pg	15 22 13.0	+0.3	AQU L'Aquila	4.70 283	P	15 23 02.8	-0.7	CFR Caracul			eP	Pn	15 23 40.1	+2.0
KBN Korca	1.25 134	P	Pg	15 22 23.2	-0.2	AQU L'Aquila	4.70 283	P	15 23 02.8	-0.7	CFR Caracul			eP	Pn	15 23 40.1	+2.0
KBN Korca	1.25 134	P	Pg	15 22 22.5	-0.1	AQU L'Aquila	4.70 283	P	15 23 02.8	-0.7	CFR Caracul			eP	Pn	15 23 40.1	+2.0
KBN Korca	1.25 134	P	Pg	15 22 46.2	+1.6	AQU L'Aquila	4.70 283	P	15 23 02.8	-0.7	CFR Caracul			eP	Pn	15 23 40.1	+2.0
KBN Korca	1.25 134	P	Pg	15 22 59.7		AQU L'Aquila	4.70 283	P	15 23 02.8	-0.7	CFR Caracul			eP	Pn	15 23 40.1	+2.0
comp=E,7.0nm,0.6s						AQU L'Aquila	4.70 283	P	15 23 02.8	-0.7	CFR Caracul			eP	Pn	15 23 40.1	+2.0
KBN Korca	1.25 134	P	Pg	15 22 21.1	+0.1	MORH Mrgy, Hungar	4.76 352	ePn	15 23 04.2	+0.7	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 21.3	+0.3	MORH Mrgy, Hungar	4.76 352	ePn	15 23 04.2	+0.7	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 44.0	+0.6	MORH Mrgy, Hungar	4.76 352	ePn	15 23 04.2	+0.7	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 21.3	+0.3	MORH Mrgy, Hungar	4.76 352	ePn	15 23 04.2	+0.7	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 44.4	+0.9	MORH Mrgy, Hungar	4.76 352	ePn	15 23 04.2	+0.7	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 21.3	+0.3	MORH Mrgy, Hungar	4.76 352	ePn	15 23 04.2	+0.7	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 13.0	+0.3	MORH Mrgy, Hungar	4.76 352	ePn	15 23 04.2	+0.7	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 23.2	-0.2	MORH Mrgy, Hungar	4.76 352	ePn	15 23 04.2	+0.7	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 22.5	-0.1	MORH Mrgy, Hungar	4.76 352	ePn	15 23 04.2	+0.7	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 46.2	+1.6	MORH Mrgy, Hungar	4.76 352	ePn	15 23 04.2	+0.7	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 59.7		MORH Mrgy, Hungar	4.76 352	ePn	15 23 04.2	+0.7	MOA Molin			ePn	Pn	15 23 38.4	-2.0
comp=E,7.0nm,0.6s						MORH Mrgy, Hungar	4.76 352	ePn	15 23 04.2	+0.7	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 21.1	+0.1	ALN Alexandroupoli	4.90 95	P	15 23 06.8	+0.8	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 23.2	-0.2	ALN Alexandroupoli	4.90 95	P	15 23 06.8	+0.8	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 22.5	-0.1	GUMA Gualdo di Mace	4.91 291	P	15 23 05.8	-0.3	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 46.2	+1.6	HUMR Humele	4.97 51	P	15 23 08.1	+1.1	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 59.7		LOT Lotru	4.98 36	P	15 23 08.1	+1.1	MOA Molin			ePn	Pn	15 23 38.4	-2.0
comp=E,7.0nm,0.6s						DEV Deva	4.98 36	P	15 23 08.1	+1.1	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 22.1	+0.5	DEV Deva	4.98 36	P	15 23 08.1	+1.1	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 23.4	0.0	DEV Deva	4.98 36	P	15 23 08.1	+1.1	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 48.7	+0.3	DEV Deva	4.98 36	P	15 23 08.1	+1.1	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 23.0	0.0	DEV Deva	4.98 36	P	15 23 08.1	+1.1	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 48.3	+0.6	DEV Deva	4.98 36	P	15 23 08.1	+1.1	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 23.7	+0.4	DEV Deva	4.98 36	P	15 23 08.1	+1.1	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 23.5	+0.2	DEV Deva	4.98 36	P	15 23 08.1	+1.1	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 47.5	-0.2	DEV Deva	4.98 36	P	15 23 08.1	+1.1	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 23.6	+0.2	DEV Deva	4.98 36	P	15 23 08.1	+1.1	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 49.7	+0.6	DEV Deva	4.98 36	P	15 23 08.1	+1.1	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 24.4	+0.3	DEV Deva	4.98 36	P	15 23 08.1	+1.1	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 49.0	-0.3	DEV Deva	4.98 36	P	15 23 08.1	+1.1	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 24.4	+0.3	DEV Deva	4.98 36	P	15 23 08.1	+1.1	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 50.5	+0.3	DEV Deva	4.98 36	P	15 23 08.1	+1.1	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 25.0	+0.0	DEV Deva	4.98 36	P	15 23 08.1	+1.1	MOA Molin			ePn	Pn	15 23 38.4	-2.0
KBN Korca	1.25 134	P	Pg	15 22 52.9	0.0	DEV Deva	4.98 36	P	15 23 08.1	+1.1	MOA Molin			ePn			

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

AZER 08 15:40:24.3, 38°27'N, 44°52'E, h2km, m2.5
AFAD 08 15:40:28.3, 38°32'N, 44°37'E, h7km, 1km, ML2.4
ISH 08 15:40:29.8, 38°38'N, 44°28'E, h5km, ML2.5/4
TEK 08 15:40:32.1, 38°24'N, 44°66'E, h10km, ML2.6, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OZAP Van, Ozalp-Mer, YOVA Hakkari, YKsek, etc.

IDC 08 15:49:28.2, 1.24°42'S, 179°89'E, h485km, 18km, mb3.5/5, mblmp4.2/8, Error ellipse: s-maj=37.3km s-min=21.0km az=147.0
NEIC 08 15:49:31.6, 1.74°35'S, 179°70'E, h1.493km, 9km, mb4.3/29, Error ellipse: s-maj=19.0km s-min=16.5km az=90.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like RAO Raoul Island, MSVF Nonavu, MSVF Nonavu, etc.

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

IDC 08 16:01:01.9, 36.30, 1°53'S, 23°53'E, h0km, Error ellipse: s-maj=203.2km s-min=152.4km az=19.0, Zaire

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I32KE NAIROBI INFRAS, I35NA TSUMEB INFRAS, etc.

SOME 08 16:11:20.8, 45°12'N, 72°58'E, h15km
NNC 08 16:11:22.2, 2.0, 45°02'N, 72°66'E, h0km, mb3.6, mpv3.3, Error ellipse: s-maj=16.9km s-min=6.6km az=173.0, Suspected Mining explosion.

IDC 08 16:11:18.3, 2.4, 45°22'N, 01°17'27.72E, 0.05, h0km, n15, 0°47'21.2, Central Kazakhstan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SGDS Sogindy, MRKS Mierke, MRKS Mierke, etc.

SDD 08 16:20:34.1, 2.2, 19°59'N, 69°94'W, h0km, 11km, MD2.8, ML2.3, MW2.5, Presumed earthquake
OSPL 08 16:20:35.9, 1.5, 19°54'N, 70°07'W, h0km, 8km, ML2.5, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CADR Cabrera, DR08 Loma La Navis, SC01 Santiago de lo, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ABDR comp=N, 0.2nm, 0.4s, HATOM Hato Mayor del, HATOM comp=N, 7.4nm, 0.4s, etc.

PDG 08 16:33:19.9, 0.5, 41°40'N, 19°81'E, h10km, 5km, ML2.4/1.1, Error ellipse: s-maj=3.9km s-min=3.3km az=90.0
TIR 08 16:33:20.6, 41°49'N, 19°62'E, h3km, 1km, ML2.6/4
BEO 08 16:33:21.3, 0.4, 41°45'N, 19°67'E, h0km, ML2.4/9
ISC 08 16:33:21.7, 0.1, 41°53'N, 02°19'67E, 0.03, h8km, 9km, n40, 0°19'27.66, 6C-6D, Albania

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like TIR Tirane, ULC Ulcinj, SDA Shkodra, SDA SDA, etc.

SJA 08 16:46:07.5, 0.9, 37°58'S, 71°47'W, h10km, 6km, ML3.4, MW3.6
IDC 08 16:46:08.0, 1.6, 37°66'S, 71°46'W, h0km, mb3.4/2, mblmp3.6/3, ML4.3/1, H4S3.2/1, Error ellipse: s-maj=96.9km s-min=16.2km az=79.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GUC 08 16:46:08.4, 0.7, 37°59'S, 71°46'W, h14km, 4km, ML4.0, NEIC 08 16:46:10.7, 1.8, 37°53'S, 03°03', 71°54'W, 0.08, h10km, 1km, mb3.8/4, ML4.0(GUC), Error ellipse: s-maj=10.8km s-min=4.4km az=100.0

8d 17h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like San Fabin de, Cusco, San Pedro de C, Punta Hualpin, Isla Mocha, etc.

IDC 08 17:11:18.7±7.8, 18.49Sx175.99W, h0km, mb3.4/3, s-min=3.4km, Error ellipse: s-maj=331.4km, s-min=42.2km az=142.0, Tonga Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Warramunga Arr, Alice Springs, Ilar, Taragay, Kyrgyz, etc.

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Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SATY, MDOK Medeo, KNDC Almaty, KOTS Kotrybulak, etc.

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mbtmp4.0/15, MS3.2/14, Error ellipse: s-maj=17.4km s-min=14.6km az=52.0 OSPL 08 17:47:46.9±1.4, 19.22N:67.80W, h32km, 999km, ML4.5, Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Isla Desecheo, Aguadilla, PR, Punta Cana, DR, etc.

IDC 08 17:47:44.9±0.6, 18.91N:67.68W, h0km, mb4.0/14,

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HUMP Col San Antoni, SDD Santo Domingo, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like ULM Lac du Bonnet, LPIG La Paz, CPUP Villa Florida, etc.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MKZ Mys Kozlova, BKK 08 17:53:11.8,0.4,0.2, etc.

DLBC	Dease Lake	13.01 70	LR	LR	19 05 01.7
INK	Inuvik	15.38 29	Pn	Pn	19 00 42.2 +2.7
INK	comp=E, 0.5nm, 0.3s, baz=223, slow=14, SNR=11				19 07 45.8
BBB	Bella Bella	15.44 94	LR	LR	19 05 30.6
YKAW3	Yellowknife Wh	20.72 56	P	Iamb	19 01 42.8 -0.3
YKAW3	comp=Z, 1.4nm, 1.1s				19 01 56.4
YKA	Yellowknife Ar	20.72 56	P	Pn	19 01 44.9 -0.5
YKA	comp=Z, 2.0nm, 0.8s, baz=271, slow=11, SNR=13				
YKA	Yellowknife Ar	20.72 56	P		19 01 41.0 -2.1
BILL	Bilibino	21.81 319	Iamb	Iamb	19 01 53.0 -1.8
BILL	comp=Z, 8.5nm, 0.9s				19 01 54.6
NEW	Newport	23.51 94	LR	LR	19 10 02.8
PETK	Petrovlovsk	27.88 285	P	P	19 02 50.9 -1.7
PETK	comp=Z, 2.0nm, 0.8s, baz=271, slow=14, SNR=5.9				
BLKN	Baker Lake	28.87 50	P	Iamb	19 03 03.2 +1.9
BLKN	comp=Z, 6.5nm, 0.8s				19 03 04.5
RES	Resolute Bay	28.94 28	LR	LR	19 15 10.4
ELK	Elko	29.29 105	LR	LR	19 13 24.0
ELK	comp=Z, 6.9nm, 1.8, 4s, baz=334, slow=34				
NVAR	Mina Array Bea	29.34 112	P	P	19 03 03.0 -3.0
NVAR	comp=Z, 0.2nm, 0.9s, baz=320, slow=18, SNR=4.4				19 12 55.4
PFO	Pinyon Flats	34.00 115	LR	LR	19 15 39.5
PFO	comp=Z, 9.8nm, 1.8, 6s, baz=334, slow=32				
ULM	Lac du Bonnet	34.25 75	LR	LR	19 18 07.6
ULM	comp=Z, 1.14nm, 1.8, 1s, baz=10, slow=7				
TIXI	Tiksi	34.55 327	Iamb	Iamb	19 03 50.0 -1.1
TIXI	comp=Z, 4.3nm, 0.9s				19 03 51.4
YAK	Yakutsk	37.72 311	LR	LR	19 21 27.0
YAK	comp=Z, 1.70nm, 1.8, 5s, baz=82, slow=39				
NEEM	North Greenland	38.67 20	Iamb	Iamb	19 04 26.6 0.0
NEEM	comp=Z, 1.0nm, 1.0s				19 04 28.4
KULLO	Kullorsuaq	38.69 25	iP	Iamb	19 04 28.1 +1.8
KULLO	comp=Z, 1.0nm, 0.9s				19 04 28.6
UPNV	Upernavik	39.81 27	iP	Iamb	19 04 37.6 +1.9
UPNV	comp=Z, 1.7nm, 0.8s				19 04 37.9
FRB	Frobisher Bay	40.32 43	LR	LR	19 22 28.1
FRB	comp=Z, 3.1nm, 1.8, 8s, baz=274, slow=38				
TXAR	Lajitas Array	44.08 106	P	P	19 05 11.2 0.0
TXAR	comp=Z, 0.5nm, 0.7s, baz=324, slow=8.2, SNR=4.3				
TXAR	Lajitas Array	44.08 106	P	P	19 05 10.1 -1.2
SUMG	Summit	44.19 23	iP	Iamb	19 05 13.0 +1.1
SUMG	comp=Z, 1.1nm, 0.8s				19 05 14.8
DAG	Danmarks Havn	44.45 13	iP	Iamb	19 05 13.0 -0.5
DAG	comp=Z, 1.2nm, 0.9s				19 05 14.9
SFJD	Kangerlussuaq	44.67 33	LR	LR	19 24 30.0
SFJD	comp=Z, 6.7nm, 1.8, 1s, baz=296, slow=37				
SPITS	Spitsbergen	45.91 9	P	P	19 05 25.8 +0.7
SPITS	comp=Z, 1.0nm, 0.9s, baz=12, slow=4.3, SNR=16				
SCHO	Schefferville	46.14 53	P	P	19 05 28.6 +1.4
SCHO	comp=Z, 4.6nm, 0.7s, baz=292, slow=8.0, SNR=5.8				19 05 29.7
SCHO	Schefferville	46.14 53	P	Iamb	19 05 27.9 +0.7
SCHO	comp=Z, 4.6nm, 0.7s				19 05 29.7
DBG	Daneborg	46.27 16	iP	Iamb	19 05 28.4 +0.4
DBG	comp=Z, 6.1nm, 0.8s				19 05 29.4
H112	WAKE ISLAND Hy	46.67 235	T	T	19 55 39.1
H112	comp=Z, 9.3nm, 1.0s				
H113	WAKE ISLAND Hy	46.68 235	T	T	19 55 39.5
H113	comp=Z, 9.3nm, 1.0s				
H111	WAKE ISLAND Hy	46.69 235	T	T	19 55 41.4
H111	comp=Z, 9.3nm, 1.0s				
NR1K	Noril'sk	47.32 335	P	P	19 05 36.7 +0.4
NR1K	comp=Z, 1.0nm, 0.5s, baz=56, slow=6.1, SNR=9.9				
NR1K	Noril'sk	47.32 335	P	P	19 05 35.6 -0.7
NR1K	comp=Z, 1.0nm, 0.5s				19 05 05.6
H1152	WAKE ISLAND Hy	47.82 235	T	T	19 57 03.7
H1152	comp=Z, 2.8nm, 0.7s, SNR=10.9				
H1153	WAKE ISLAND Hy	47.84 235	T	T	19 57 04.0
H1153	comp=Z, 2.8nm, 0.7s, SNR=9.7				
BNX	BinXian	48.22 293	iP	Pmax	19 05 43.2 -0.3
BNX	comp=Z, 4.0nm, 0.8s				
MJAR	Matsushiro Arr	48.77 276	P	P	19 05 45.6 -2.2
MJAR	comp=Z, 0.3nm, 0.3s, baz=132, slow=7.9, SNR=4.4				
MJAR	Matsushiro Arr	48.77 276	P	P	19 05 45.6 -2.2
MJAR	comp=Z, 0.3nm, 0.3s				19 27 26.6
TKL	Tuckaleechee C	50.40 83	LR	LR	19 31 38.3
TKL	comp=Z, 1.11nm, 1.8, 6s, baz=27, slow=36				
JCJ	Chichijima	53.61 265	LR	LR	19 31 38.3
JCJ	comp=Z, 1.11nm, 1.8, 6s, baz=27, slow=36				
KSR5	Korea Array	53.77 285	P	P	19 06 25.4 0.0
KSR5	comp=Z, 1.9nm, 1.9, 0.8s, baz=47, slow=5.9, SNR=5.9				
KSR5	Korea Array	53.77 285	P	P	19 06 25.4 0.0
KSR5	comp=Z, 2.4nm, 0.9s, baz=47, slow=5.9, SNR=5.9				
KSR5	comp=Z, 3.0nm, 2.1, 4s, baz=80, slow=35				19 28 19.1
BORG	Borgarnes	54.17 23	LR	LR	19 31 12.7
BORG	comp=Z, 2.4nm, 0.9s				
ARCES	ARCCESS Array B	54.74 0	P	P	19 06 32.7 +0.7
ARCES	comp=Z, 7.6nm, 1.8, 2s, baz=333, slow=38				
ARCES	ARCCESS Array B	54.74 0	P	P	19 06 32.7 +0.7
ARCES	comp=Z, 3.5nm, 0.6s, baz=346, slow=6.0, SNR=5.4				
SOMM	Somsgo Array	56.88 308	P	P	19 07 43.8 +0.4
SOMM	comp=Z, 7.5nm, 0.8s, baz=46, slow=7.1, SNR=5.3				
SOMM	Somsgo Array	56.88 308	P	P	19 07 43.8 +0.4
SOMM	comp=Z, 2.1nm, 0.8s, baz=38, slow=3.8, SNR=4.4				
SOMM	comp=Z, 2.15nm, 1.8, 2s, baz=41, slow=38				19 33 11.5
SOMM	Somsgo Array	56.88 308	P	P	19 06 47.8 -0.1
SOMM	comp=Z, 7.5nm, 0.8s				19 07 43.8 +0.4
HHC	Hu-ho-hao-te	59.74 299	eP	Pmax	19 07 11.4 +3.5
HHC	comp=Z, 1.2nm, 0.6s				
ZALV	Zalesovo Beam	60.39 325	P	P	19 07 11.6 -0.4
ZALV	comp=Z, 5.9nm, 0.7s, baz=36, slow=7.3, SNR=32				
ZALV	Zalesovo Beam	60.39 325	P	P	19 07 11.3 -0.7
ZALV	comp=Z, 5.9nm, 0.7s				19 07 28.0 +0.7
NB2	NORSAR Subara	62.66 8	P	P	19 07 28.3 +1.0
NB2	comp=Z, 2.6nm, 0.8s, baz=350, slow=6.9				
NOA	NORSAR Array B	62.66 8	P	P	19 07 28.3 +1.0
NOA	comp=Z, 1.7nm, 0.9s, baz=351, slow=6.7, SNR=6.8				
FINES	FINESS Array B	62.87 0	P	P	19 07 28.8 +0.2
FINES	comp=Z, 1.7nm, 0.8s				
HFS	Hagfors	63.75 7	P	P	19 07 34.4 0.0
HFS	comp=Z, 4.7nm, 1.0s, baz=19, slow=6.5, SNR=8.1				
HFS	Hagfors	63.75 7	P	P	19 07 34.4 0.0
HFS	comp=Z, 2.3nm, 0.7s, baz=26, slow=3.8, SNR=9.2				
ARTI	Arti	64.96 341	LR	LR	19 04 17.6
ARTI	comp=Z, 5.4nm, 1.9, 6s, baz=34, slow=40				
KURK	Kurchatov	65.13 326	Iamb	Iamb	19 07 43.2 -0.4
KURK	comp=Z, 3.6nm, 0.8s				19 07 44.7
KURB	Kurchatov Arra	65.24 326	P	P	19 07 43.8 -0.5
KURB	comp=Z, 2.9nm, 0.8s, baz=28, slow=6.1, SNR=18				
BORK	Borovoye	65.42 333	P	P	19 07 43.3 -2.2
BORK	comp=Z, 2.9nm, 0.8s				19 07 46.5
BVAR	Borovoye	65.42 332	P	P	19 07 45.7 +0.2
BVAR	comp=Z, 4.9nm, 0.9s				
BVAR	Borovoye	65.42 332	P	P	19 07 45.7 +0.2
BVAR	comp=Z, 7.5nm, 0.7s, baz=35, slow=6.3, SNR=42				
GA2A	Gaotai	66.40 306	eP	P	19 07 52.5 +0.3
GA2A	comp=Z, 5.0nm, 1.0s				19 07 59.1 +6.0
EKA	Eskdalemuir Ar	66.42 18	P	P	19 07 52.8 +0.9
EKA	comp=Z, 1.9nm, 0.6s, baz=330, slow=4.7, SNR=13				

MKAR	Makanchi Array	67.33 322	P	P	19 07 57.8 -0.1
MKAR	comp=Z, 1.9nm, 0.8s, baz=46, slow=7.3, SNR=15				
MKAR	Makanchi Array	67.33 322	eP	P	19 07 57.3 -0.6
MKAR	comp=Z, 1.9nm, 0.8s				19 08 09.2 +7.7
WMQ	Urumqi	67.89 317	LR	LR	
WMQ	comp=Z, 7.7nm, 1.7, 7s				19 08 18.4 -0.2
AKTO	Aktuybinsk	70.68 339	P	P	19 08 29.8 +0.5
AKTO	comp=Z, 2.9nm, 0.7s, baz=4.2, slow=4.0, SNR=8.5				19 08 35.7 -0.3
CLL	Collin	72.46 9	iP	P	19 08 29.8 +0.5
CLL	comp=Z, 2.2nm, 0.7s				
AKASG	Malin Array Be	73.61 358	P	P	19 08 35.7 -0.3
AKASG	comp=Z, 2.6nm, 0.7s, baz=5.0, slow=5.9, SNR=9.0				
AKASG	Malin Array Be	73.61 358	P	P	19 08 35.2 -0.8
AKASG	comp=Z, 2.6nm, 0.7s				19 09 13.3
AKAB	Malin Array Si	73.61 358	P	Iamb	19 08 34.3 -1.8
AKAB	comp=Z, 3.5nm, 1.2s				19 08 36.9
GERES	GERESS Array B	74.96 9	P	P	19 08 45.4 +1.2
GERES	comp=Z, 1.4nm, 0.7s, baz=356, slow=5.4, SNR=15				
GERES	GERESS Array B	74.96 9	P	P	19 08 43.8 -0.4
GERES	comp=Z, 1.4nm, 0.7s				19 08 46.7 +2.2
LANS	Liptovska Anna	75.03 5	eP	P	19 08 46.7 +2.2
LANS	comp=Z, 2.1nm, 0.7s				19 08 51.0 +0.7
CONA	Conrad Observa	76.04 7	iP	P	
CONA	comp=Z, 2.8nm, 1.0s				19 08 53.3 +1.7
DAVA	Damulets	76.13 11	eP	P	19 08 53.0 +0.9
DAVA	comp=Z, 6.2nm, 1.5s				
MOTA	Moosalm	76.21 11	eP	P	19 08 53.2 +0.8
MOTA	comp=Z, 7.9nm, 1.3s				
WATA	Walderaim	76.26 10	eP	P	19 08 53.5 +1.8
WATA	comp=Z, 3.8nm, 0.8s				19 08 53.2 +1.1
SRO	Srobárova	76.31 6	eP	P	19 08 53.9 +1.1
SRO	comp=Z, 3.6nm, 0.7s				
SQTA	Sankt Quirin	76.34 11	eP	P	19 08 54.2 +1.2
SQTA	comp=Z, 3.1nm, 0.8s				
WTTA	Wattenberg	76.49 11	iP	P	19 08 54.1 -1.3
WTTA	comp=Z, 5.1nm, 1.5s				
ABTA	Abfaltersbach	76.94 10	eP	P	19 08 58.0 +1.0
ABTA	comp=Z, 7.0nm, 1.1s				
SOKA	Soboth	77.22 8	iP	P	19 08 59.3 +0.8
SOKA	comp=Z, 4.5nm, 0.7s				19 09 11.3 +1.1
OBKA	Obir	77.35 8	eP	P	19 09 20.6 +1.5
OBKA	comp=Z, 3.0nm, 0.9s, baz=339, slow=4.8, SNR=8.9				
KBZ	Khabaz	79.63 348	P	P	19 09 20.6 +1.5
KBZ	comp=Z, 3.0nm, 0.9s				19 46 01.6
ESDC	Sonsea Array	81.25 23	P	P	19 09 20.4 +1.3
ESDC	comp=Z, 2.0nm, 0.8s, baz=339, slow=5.1, SNR=12				
ESDC	Sonsea Array	81.25 23	P	P	19 09 34.8 +0.1
ESDC	comp=Z, 2.0nm, 0.8s				
CMAR	Chiang Mai Arr	84.19 294	P	P	19 09 34.6 0.0
CMAR	comp=Z, 3.1nm, 0.8s				19 49 44.8
CMAR	Chiang Mai Arr	84.19 294	LR	LR	19 09 36.7 +1.1
CMAR	comp=Z, 1.26nm, 1.8, 9s, baz=86, slow=38				
BRTR	Bariadaha	84.21 302	LR	LR	19 09 36.7 +1.1
BRTR	comp=Z, 0.8nm, 0.7s, baz=48, slow=1.8, SNR=5.6				
BRTR	Bariadaha	84.21 302	LR	LR	19 09 35.8 +0.1
BRTR	comp=Z, 0.8nm, 0.7s				19 52 24.1
VAE	Valguarnera	86.30 9	LR	LR	
VAE	comp=Z, 4.8nm, 1.8, 5s, baz=302, slow=38				

BGR 08 19:02:34.0, 18:21'S; 176:78'W, h542km, 2km
 BJI 08 19:03:29.7, 17:49'S; 177:76'W, h528km, mB4.9/14, mb5.2/59
 IDC 08 19:03:30.5, 1.0, 17:83'S; 178:15'W, h522km, 10km, mb4.4/23, mbmtb5.3/27, Error ellipse: s-maj=10.1km s-min=9.2km az=171.0
 NOU 08 19:03:30.0, 17:92'S; 178:02'W, h525km, mb5.3/50, Fiji Islands Region
 NEIC 08 19:03:31.0, 2.3, 17:86'S; 0.09:178:12'W; 0.09, h530km, 1km, mb4.9/297, Error ellipse: s-maj=16.0km s-min=15.1km az=161.0
 GCMT 08 19:03:34.0, 0.5, 17:94'S; 0.04:178:18'W; 0.04, h555km, 2km, Mw5.272, Moment Tensor Solution, s72, c99; Duration: 10; Moment tensor: Scale 10^16Nm; Mv=5.29±.25; Mw=0.52±.46; Mm=5.81±.39; Mo=0.24±.47; Mx=0.39±.34; My=5.79±.42. Best double couple: Mb8.03200x10^16 Np1±0.185,00000; s22.00000; λ=91.00000; λ=88.00000; NP2±0.3,00000; s68.00000; λ=91.00000; Principal axes: T: 8.3040, P: 23.0000, N: 43.9000; λ=0.5400, P: 1.0000; Azm3.0000; P: -7.7610, P: 6.0000; Az

L22K	comp=Z,15nm,0.7s Petersville baz=206,SNR=11	83.05	12	P	P	19 14 58.9	-0.9
M23K	Glacier View baz=209	83.06	14	P	P	19 15 59.3	-0.5
HEH	Heihe	83.10	328	eP	P	19 14 50.3	+0.1
HEH	comp=Z,25nm,1.4s Purkeyp baz=209,SNR=6.5	83.11	12	P	P	19 14 59.6	-0.5
PBLA	Bremner River comp=Z,26nm,0.6s	83.11	16	P	P	19 14 60.0	-0.1
BMRM	Bremner River baz=212,SNR=13	83.11	16	P	P	19 15 01.0	+0.5
MESA	MESA baz=214	83.16	17	P	P	19 15 01.1	+0.8
S31K	Pelican baz=220	83.17	21	P	P	19 15 00.7	+0.2
SCM	Sheep Creek Mo baz=209,SNR=30	83.19	14	P	P	19 15 00.5	+0.4
H16K	Elim baz=195	83.22	7	P	P	19 15 00.3	-0.4
KLU	Klutina baz=211,SNR=6.5	83.23	15	P	P	19 15 02.3	
CRQM	Cirque comp=Z,39nm,1.0s	83.32	16	Iamb	Iamb	19 15 01.3	0.0
CRQE	Cirque baz=212	83.33	16	P	P	19 15 01.5	+0.3
G15K	Niukuk baz=194,SNR=7.4	83.38	6	P	P	19 15 02.2	+0.6
TGL	Tana Glacier comp=Z,38nm,1.0s	83.40	17	Iamb	Iamb	19 15 02.6	
WRAK	Wrangell Islan baz=223	83.42	24	P	P	19 15 03.7	
EPH	Ephrata comp=Z,11nm,0.8s	83.47	36	Iamb	Iamb	19 16 12.0	
MFID	Camas Ranch comp=Z,14nm,0.5s	83.51	10	Iamb	Iamb	19 15 02.4	+0.4
J19K	Poorman baz=202,SNR=21	83.59	18	Iamb	Iamb	19 15 19.5	
PCA	Pinnacle comp=Z,24nm,1.0s	83.59	18	P	P	19 15 02.5	0.0
PINM	Pinnacle baz=216	83.63	16	Iamb	Iamb	19 15 03.2	
VRDI	Verde Repeater comp=Z,17nm,0.7s	83.64	5	P	P	19 15 02.9	+0.4
F14K	Arctic Creek baz=191	83.66	15	P	P	19 15 02.9	+0.1
N25K	Chitina, Valde baz=212,SNR=25	83.68	17	Iamb	Iamb	19 15 04.1	
GRNC	Granite Creek comp=Z,27nm,1.0s	83.70	14	P	P	19 15 03.4	+0.4
M24K	Tolsona, Glenn baz=210,SNR=15	83.72	16	Iamb	Iamb	19 15 03.8	
GLB	Gilghina Butt comp=Z,28nm,0.6s	83.75	14	P	P	19 15 03.0	-0.3
WAT6	Susitna Watana baz=209,SNR=58	83.76	312	uP	S	19 15 04.6	+0.8
HNS	HongShan			S	S	19 24 43.7	+1.1
HNS				sS	sS	19 28 04.7	-3.8
HNS				pmax	pmax		
H17K	comp=Z,39nm,1.3s Granite Mouna baz=197,SNR=5.5	83.79	8	P	P	19 15 03.2	-0.1
WAT1	Susitna Watana baz=208	83.79	13	P	P	19 15 02.9	-0.5
J20K	Novinta River baz=203,SNR=28	83.93	10	P	P	19 15 04.1	+0.1
MAW	Mawson comp=Z,9.0nm,1.4s	83.93	200	P	P	19 15 05.5	+1.4
MAW	Mawson comp=Z,15nm,0.5s,baz=148,slow=5.7,SNR=24	83.94	7	P	P	19 15 04.1	+0.1
G16K	Koyuk River baz=195	83.95	12	Iamb	Iamb	19 15 03.9	
KTH	Kantishna Hill comp=Z,39nm,0.9s	83.96	17	Iamb	Iamb	19 15 05.0	
LOGN	Logan Glacier comp=Z,22nm,0.6s	83.97	17	Iamb	Iamb	19 15 05.7	
BARN	Barnard Glacie comp=Z,20nm,0.7s	83.98	19	Iamb	Iamb	19 15 06.1	
P29M	Windy Craggy comp=Z,25nm,0.7s	83.98	19	P	P	19 15 05.2	+0.7
P29M	Windy Craggy baz=218,SNR=11	84.00	21	P	P	19 15 04.9	+0.3
R32K	Eaglecrest baz=221	84.01	315	P	P	19 15 05.5	+0.5
BJJ2	Beijing	84.01	315	P	pmax		
BJT	Beijing	84.01	315	P	pmax		
BJT	Baijiatou	84.01	315	P	PcP		
E1J7	Baijiatou	84.02	6	P	PcP		
F10A	Beach Ranch, E LuoYang	84.04	38	Iamb	Iamb	19 15 06.6	
LYN	LYN	84.08	309	P	pmax		
O28M	comp=Z,130nm,0.9s Mount Upton	84.15	18	Iamb	Iamb	19 15 06.6	
O28M	Mount Upton comp=Z,27nm,0.8s	84.15	18	P	P	19 15 05.7	+0.1
PSI	Prapat comp=Z,854nmcomp=Z,117nm,1.0s	84.18	275	P	P	19 15 06.1	-0.5
HARP	HAARP comp=Z,40nm,0.8s	84.19	15	Iamb	Iamb	19 15 06.4	
HARP	HAARP baz=211,SNR=11	84.19	15	P	P	19 15 05.5	+0.1
H18K	Honhosa River comp=Z,21nm,0.8s	84.20	8	Iamb	Iamb	19 15 06.7	
H18K	Honhosa River baz=199	84.20	8	P	P	19 15 04.8	-0.5
G17K	Kiwalik Mouna baz=197	84.24	7	P	P	19 15 05.4	-0.1
O29M	Mount Kennedy baz=218	84.25	19	P	P	19 15 06.3	+0.4
PLBC	Pleasant Camp baz=220,SNR=13	84.28	20	P	P	19 15 06.5	+0.7
I20K	Naaghenel comp=Z,43nm,1.1s	84.45	10	Iamb	Iamb	19 15 07.8	
I20K	Naaghenel baz=203,SNR=7.3	84.45	10	P	P	19 15 06.8	+0.3
P30M	Million Dollar baz=219	84.61	19	P	P	19 15 08.5	+0.9
SKAG	Skagway baz=220	84.63	20	P	P	19 15 08.5	+1.0
T35M	Bob Quinn baz=225	84.63	24	P	P	19 15 08.7	+1.0
YUK8	Steele Glacier baz=216,SNR=28	84.69	18	P	P	19 15 08.5	+0.4
M26K	Nabesna, AK baz=212,SNR=22	84.73	16	P	P	19 15 08.2	+0.1
H19K	Roundabout Mou baz=201,SNR=7.0	84.82	9	P	P	19 15 08.5	+0.2
YUK6	Outpost Mouna baz=218	84.83	18	P	P	19 15 09.0	+0.2
G18K	Tagagawik baz=199,SNR=5.7	84.86	8	P	P	19 15 08.0	-0.6
YUK3	Moose Creek baz=216,SNR=36	84.89	17	P	P	19 15 09.4	+0.3
S34M	Telegraph Cree comp=Z,39nm,0.9s	84.96	23	Iamb	Iamb	19 15 11.2	
S34M	Telegraph Cree baz=224,SNR=8.4	84.96	23	P	P	19 15 10.3	+1.1
BRWY	Burwash Landin baz=217,SNR=2	84.97	18	P	P	19 15 09.8	+0.5
M27K	Edge Creek, AK baz=214,SNR=29	84.99	16	P	P	19 15 10.0	+0.6
HYT	Haines Junctio comp=Z,31nm,0.8s	84.99	19	Iamb	Iamb	19 15 10.9	
HYT	Haines Junctio baz=218,SNR=9.8	84.99	19	P	P	19 15 10.0	+0.5
GSI	Gunungsitoli	85.00	273	P	P	19 15 11.6	+1.1
MENT	Mentasta comp=Z,19nm,1.0s	85.00	15	Iamb	Iamb	19 15 10.4	
H20K	Anotleneega M baz=202,SNR=14	85.03	10	P	P	19 15 09.5	+0.1
YUK4	Talbot Arm baz=218,SNR=8.3	85.06	18	P	P	19 15 10.6	+0.6
L26K	Log Cabin Wild baz=213,SNR=10	85.17	15	P	P	19 15 10.2	0.0
TCUT	Toone Canyon comp=Z,47nm,1.9s	85.18	44	Iamb	Iamb	19 17 12.6	
I21K	Tanana	85.23	11	P	P	19 15 09.9	-0.4

P32M	Atlin baz=205,SNR=6.0	85.27	21	P	P	19 15 11.3	+0.5
Q32M	Nakina River comp=Z,19nm,0.7s	85.30	22	Iamb	Iamb	19 15 12.8	
Q32M	Nakina River baz=223,SNR=14	85.30	22	P	P	19 15 12.0	+0.9
BVCY	Beaver Creek baz=209,SNR=19	85.31	16	P	P	19 15 11.4	+0.5
G19K	Purcell Mouna baz=200,SNR=8.6	85.31	8	P	P	19 15 10.6	-0.1
GYA	Guyang	85.31	300	uP	pmax		
GYA	comp=Z,62nm,0.8s			pmax	pmax		
O30N	Mendhall comp=Z,19nm,0.7s	85.39	19	Iamb	Iamb	19 15 12.7	
O30N	Mendhall baz=210,SNR=6.0	85.39	19	P	P	19 15 11.8	+0.5
F18K	Selawik baz=198	85.41	7	P	P	19 15 11.1	0.0
TIV	Taiyuan	85.51	312	eP	P	19 15 14.0	+1.5
TIV	comp=Z,59nm,0.7s			pmax	pmax		
H21K	Melozitna Rive baz=204,SNR=13	85.52	10	P	P	19 15 11.6	-0.1
DOT	Dot Lake comp=Z,25nm,0.8s	85.52	13	Iamb	Iamb	19 15 12.2	
HDA	Harding Lake comp=Z,27nm,0.7s	85.52	13	Iamb	Iamb	19 15 11.2	-0.6
HDA	Harding Lake baz=210,SNR=31	85.52	13	P	P	19 15 12.1	
CCB	Clear Creek Bu comp=Z,38nm,1.1s	85.55	13	Iamb	Iamb	19 15 12.2	0.0
L27K	Beaver Creek baz=214,SNR=12	85.58	16	P	P	19 15 11.8	-0.5
BCAR	Beaver Creek A baz=219,SNR=5.6	85.60	16	P	P	19 15 12.5	+0.1
N30M	Aishikik Lake baz=219,SNR=5.6	85.62	18	P	P	19 15 12.2	-0.1
E17K	Hoatham Inlet baz=196,SNR=11	85.63	6	P	P	19 15 11.9	-0.6
I23K	Minto, Yukon-K baz=207,SNR=11	85.68	12	P	P	19 15 13.8	
WHY	Whitehorse comp=Z,20nm,0.8s	85.69	20	Iamb	Iamb	19 15 13.3	+0.5
WHY	Whitehorse baz=221,SNR=5.7	85.69	20	P	P	19 15 13.3	+0.5
COLA	College	85.74	12	P	P	19 15 11.5	-1.3
COLA	comp=Z,31nm,0.8s			Iamb	Iamb	19 15 12.8	
DLBC	Dease Lake	85.75	23	P	P	19 15 13.8	+0.7
TXAR	Lajitas Array comp=Z,2.9nm,0.8s,baz=216,slow=6.4,SNR=22	85.76	58	P	P	19 15 16.1	+2.2
TXAR	comp=Z,0.4nm,0.7s,baz=48,slow=1.9,SNR=4.1			PKKpbc	PKKpbc	19 33 13.7	+1.2
TXAR	Lajitas Array comp=Z,2.9nm,0.8s	85.76	58	P	P	19 15 15.0	+1.1
TXAR	IL31 comp=Z,35nm,1.2s	85.85	13	Iamb	Iamb	19 15 13.6	
ILAR	Eielson Array comp=Z,7.9nm,0.4s,baz=223,slow=5.2,SNR=136	85.85	13	P	P	19 15 12.5	-0.9
ILAR	comp=Z,0.8nm,0.6s,baz=349,slow=2.7,SNR=9.1			PKKpbc	PKKpbc	19 33 10.7	-3.2
F19K	Shalerucik Mo comp=Z,7.9nm,0.4s	85.87	8	Iamb	Iamb	19 15 13.5	
F19K	Shalerucik Mo baz=199,SNR=14	85.87	8	P	P	19 15 13.0	-0.4
XLT	XILinHaoTe	85.97	319	eP	pmax		
XLT	comp=Z,41nm,1.1s			pmax	pmax		
XLT	comp=Z,73nm,8.3s			pmax	pmax		
TPTI	comp=Z,971nmcomp=Z,111nm,0.9s	85.98	275	P	P	19 15 16.0	+0.8
H22K	Ishatitna Cre baz=205,SNR=15	85.98	11	P	P	19 15 13.8	-0.2
M29M	Somme Creek comp=Z,13nm,0.8s	85.99	17	Iamb	Iamb	19 15 16.5	
M29M	Somme Creek baz=218,SNR=19	85.99	17	P	P	19 15 14.5	+0.3
P33M	Teslin, Yukon baz=223,SNR=5.7	86.03	21	P	P	19 15 14.6	+0.2
N31M	Braeburn, Yuko baz=220	86.03	19	P	P	19 15 15.0	+0.6
J25K	Salcha River, baz=211,SNR=36	86.05	14	P	P	19 15 14.1	-0.3
R33M	Jennings River comp=Z,26nm,1.4s	86.08	22	Iamb	Iamb	19 15 16.7	
R33M	Jennings River baz=222,SNR=3.2	86.08	22	P	P	19 15 15.4	+0.7
E18K	Tukpahleirik C comp=Z,10nm,0.7s	86.09	7	Iamb	Iamb	19 15 15.2	
E18K	Tukpahleirik C baz=197	86.09	7	P	P	19 15 14.3	-0.1
D17K	Notak River baz=194	86.11	6	P	P	19 15 15.3	+0.8
G21K	Allakaket comp=Z,14nm,0.8s	86.19	10	Iamb	Iamb	19 15 15.7	
G21K	Allakaket baz=203	86.19	10	P	P	19 15 14.9	-0.1
H23K	Yukon River baz=207	86.25	11	P			

8d 19h

Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes entries like H31M, F28M, C24K, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes entries like BDFB, ARTI, ARTI, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes entries like KSP, NIE, ODBI, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other details. Includes entries like KSP, NIE, ODBI, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like GUR Gura, MG00 Magoula, Doria, PYRG Pyrgos, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JTS comp=Z,45nm,18.8s, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like IMRD Marand, IMRD Nakhchivan, etc.

IDC 08 19:49:19.6:1.1, 44:78S:79:72W, h0km, mb4.0/6, mblmp4.0/8, ML4.3/2, MS3.8/28, Error ellipse: s-maj=41.3km s-min=18.7km az=110.0

TAP 08 20:05:40.0, 24:76N:122:36E, h8km, 1km, ML2.8, C JMA 08 20:05:40.6, 0.1, 24:7N:0:7:122:3E:0.2, h0km, MV2.3/10, TAIWAN REGION

AEIC 08 20:55:37.5:0.5, 53:11N:0:08:164:51W:0.09, h33km, 8km, Error ellipse: s-maj=11.7km s-min=7.2km az=165.0

ISC 08 19:49:21.0:0.8, 44:55S:08:80W:0.1, h10km, n81, c180/48, mb4.0/8, MS3.9/26, 3C-2D, Off coast of southern Chile

ISC 08 20:05:40.7:1.0, 24:73N:0:03:122:36E:0:02, h11km, g9km, n60, c96/61, 2D, TAIWAN region

NEIC 08 20:55:35.3:0.6, 53:19N:0:07:164:54W:0.02, h10km, 2km, ML3.5/14, ML3.2(AEIC), Error ellipse: s-maj=11.6km s-min=3.1km az=176.0, Unimak Island region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like G007 Milladeo Hill, LL07 Hillado Espejo d, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like E0S2 E0S2, E0S3 E0S3, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like AKSA Akutan Strait, AKSA Akutan, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like CO02 Combarbal, CFA Coronel Fontan, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like ETLH Xiulin Townshi, KSHI Guanxi Townshi, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like O14K Tigyukshvet M, O15K Ungalikhian R, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SNA3 Sanae, SNA4 Sanae, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like SIJI Sorong, FAKI Fak Fak, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like TIR Tirane, ULC Ulicinj, etc.

Table with columns: KEK, Kerkira, 2.46 347 P, Pn, 22 55 44.2 -1.5, SPBC San Pablo de B, 1.52 220 P, Pn, 23 19 58.9 +0.1, SJU Sorong, 23.47 160 LR, LR, 23 36 00.2. Includes various astronomical objects and their coordinates.

Table with columns: SPBC San Pablo de B, 1.52 220 P, Pn, 23 19 58.9 +0.1, SJU Sorong, 23.47 160 LR, LR, 23 36 00.2. Includes various astronomical objects and their coordinates.

Table with columns: SJU Sorong, 23.47 160 LR, LR, 23 36 00.2, SONM Songoing Array, 29.69 336 P, P, 23 29 04.3 +0.5. Includes various astronomical objects and their coordinates.

Table with columns: Code, Station Name, A°, AZ°, Op, Phase ID, ISC, Time Res, h m s ISC. Includes stations like GLKZ Green Lake, MXZ Matakaoa Point, WNGZ Waionmatatini S, etc.

Table with columns: AFRZ Afzir, TBAM Torbat-e-JAM, IDJAH Danehanch, BAHG Bagheran - Bir, etc. Includes stations like Afzir, Torbat-e-JAM, Danehanch, Bagheran - Bir, etc.

Table with columns: FAKI Fak Fak, APSI Ampana, SPSI Sidrap Patu, KAPI Kappang, etc. Includes stations like Fak Fak, Ampana, Sidrap Patu, Kappang, etc.

TEH 09:00:46:59.7, 33.98N, 60.32E, h6km, 13km, ML4.1, Presumed earthquake

SSNC 09:00:50:10.9, 3.2, 17.57N, 84.50W, h15km, 373km, MD3.8, Presumed earthquake, North of Honduras

NEIC 09:01:42:44.9, 0.8, 5.3S, 0.1, 154.69E, 0.10, h301km, 8km, mb4.3/13, Error ellipse: s-maj=20.6km s-min=9.0km

S11A Rachel 92.89 53 P PKPbc P 01 55 22.9 -1.1
TOR D Torodi Ar. Bea 152.21 288 PKPbc P 02 02 04.3 -1.4

BUT 09:01:53.18.2.1.8, 44:28N.0.02:114.95WA:0.02, h8km, 6km,
Error ellipse: s-maj=3.5km s-min=0.9km az=209.0,
NEIC 09:01:53.17.6.1.1, 44:29N.0.02:114.95WO:0.03, h10km, 2km,
ML3.2/94, ML3.6=27(BUT), Error ellipse: s-maj=4.3km
s-min=3.1km az=202.0, Western Idaho

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like HLID Hailey, MFID Camas Ranch, PLID Pearl Lake, etc.

IDC 09:02:08:10.7.3.7, 12:54N.141.88E, h0km, mb3.8/5,
mbmp3.8/5, MS2.8/1, Error ellipse: s-maj=164.0km
s-min=33.5km az=91.0,
NEIC 09:02:08:21.6.1.3, 12:57N.0.10:141.6E:0.2, h75km, 3km,
mb4.4/21, Error ellipse: s-maj=22.7km s-min=13.8km
az=91.0,
ISC 09:02:08:16.4.0.6, 12:56N.0.09:141.6E:0.2, h33km, m32,
0.075/28, mb3.4/16, South of Mariana Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like PMG Port Moresby, JYT Yasato, MAJO Matsushiro, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like H11N1 WAKE ISLAND Hy 25.29 70 T T, H11N2 WAKE ISLAND Hy 25.30 70 T T, etc.

IDC 09:02:25:33.7.0.6, 37:18N.142:20E, h0km, mb4.0/21,
mbmp1.1/25, ML3.6/2, MS3.0/3, Error ellipse:
s-maj=15.4km s-min=13.9km az=108.0,
JMA 09:02:25:36.8.0.2, 37:3N.0.7:14.2E, h37km, MD4.4/37,
MV4.2/37, E OFF FUKUSHIMA PREF
NIED 09:02:25:36.8.37:25N:142:10E, h37km, MW4.2, Moment
Tensor Solution. s3 Moment tensor: Scale 10^19Nm,
Mn=-1.25; Ms=0.66; Mxx=0.60; Mxy=0.81; Mxz=0.67; Myx=1.31;
Fault plane solution: M2.00000x10^15 NP1:
phi=303.00000, delta=21.00000, lambda=-111.00000. NP2:
phi=145.00000, delta=070.00000, lambda=-82.00000.
NEIC 09:02:25:39.2.1.1, 37:175N.0.06:142:2E:0.1, h35km, 1km,
mb4.5/75 Error ellipse: s-maj=14.3km s-min=9.5km
az=112.0,
ISC 09:02:25:33.5.1.5, 37:21N.0.04:142:17E:0.05, h1km, 9km,
n346, 0.08/339, mb4.5/61, MS3.3/6, Off east coast of
Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like JFK Kawachi, JFI JFI, ONAJ Iwakimizuishiy, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like MA2 Magadan, HHC Hu-ho-hao-te, YAK Yakutsk, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Remarks. Includes stations like N19K Bonanza Creek, F20K Avarant Lake, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Remarks. Includes stations like PAX Paxson, C26K Camden Bay, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Remarks. Includes stations like WHY Whitehorse, S31K Pelican, etc.

RSPR 09:02:29.1, 19:20N:67:87W, h22m; 31km, MD3.6/15
OSPL 09:02:29.9, 1:3, 19:27N:67:79W, h31km, 999km, ML2,6
ISC 09:02:29.40:0.2, 0.19:1N, 0.1:67.69W:0.04, h23km; 16km,
n22, 0.82:30, 9C-6D, Mona Passage
Code Station Name Az AzZ Op Phase ID Time Res
IDE Isla Deshecho 0.69 163j eP Pb 02 29 52.5 -1.0
ACPR Aguadilla, PR 0.80 137j eP Sb 02 30 02.4 -0.3
PCDR Punta Cana, DR 0.84 231 iP Sb 02 29 54.5 -0.8
PCDR Punta Cana, DR 0.84 231 iP Sb 02 29 55.9 -0.1
PCDR Punta Cana, DR 0.84 231 iP Sb 02 30 06.9 0.0
PCDR Punta Cana, DR 0.84 231 iP Sb 02 30 11.5

BRTR	Keskin Array B	8.44 46	Pn	Pn	02 48 28.5 +1.4
BRTR	comp=-2.0,2nm,0.3s,baz=222,slow=15,SNR=13		LR	LR	02 52 53.8
BRTR	Keskin Array B	8.44 46	Pn	Pn	02 48 28.8 +1.7
BRTR	Keskin Array B	8.44 46	i P	Pn	02 48 30.1 +3.0
BRTR	comp=-2.1,4nm,0.6s				
KSHT	Kesht	8.48 95	P	S	02 48 26.1 -1.5
KSHT	Dead Sea	8.50 105	P	S	02 48 26.8 -0.9
DSI	DSI	8.57 106	P	S	02 50 01.1 -2.9
MSBI	Mazada	8.57 106	P	S	02 48 27.6 -1.1
MSBI	Mazada	8.57 106	P	S	02 50 02.4 -3.4
KRMI	Paran Flat	8.60 115	P	S	02 48 28.9 -0.2
KRMI	Paran Flat	8.60 115	P	S	02 50 04.6 -1.9
PHP	Peshkopia	8.64 333	P	Pn	02 48 33.3 +3.7
PHP	comp=-2.9,0nm,0.8s				
PRNI	Paran	8.70 113	P	S	02 48 29.8 -0.6
PRNI	Paran	8.70 113	P	S	02 50 07.2 -1.8
GHAJ	Ghor Haditha	8.74 106	P	S	02 48 32.2 +1.2
GHAJ	Ghor Haditha	8.74 106	P	S	02 48 30.1 -0.9
GHAJ	Ghor Haditha	8.74 106	P	S	02 50 06.7 -3.3
TIP	Tempagrande	8.81 308	i P	Pn	02 48 32.3 +0.6
TIP	Tempagrande	8.81 308	i P	Pn	02 48 32.0 0.0
HRFI	Mount Harif	8.87 115	P	S	02 50 11.7 -1.7
HRFI	Mount Harif	8.87 115	P	S	02 48 34.5 +0.3
CEL	Celeste	8.97 300	P	Pn	02 48 34.8 +0.6
CEL	Celeste	8.97 300	P	Pn	02 48 34.2 -0.4
EIL	comp=-2.404nm,comp=-2.38nm,0.6s				
EIL	Eilat	9.00 117	P	Pn	02 48 34.3 -0.2
EIL	Eilat	9.00 117	P	S	02 50 14.7 -1.6
PLVB	Pleven	9.30 355	i P	Pn	02 48 41.2 +2.6
BNN	Bunyan	9.41 57	P	Pn	02 48 42.6 +2.3
ASF	Jabal al Asfar	9.55 99	Pn	Pn	02 48 40.8 -1.5
ASF	comp=-2.0,2nm,0.3s,baz=290,slow=13,SNR=3.4				
ASF	comp=-2.2,1nm,0.4s				
MATE	Matera	9.70 315	i P	Pn	02 48 44.3 +0.2
PDG	Podgorica	9.74 330	i P	Pn	02 48 45.5 +0.9
PDG	Podgorica	9.74 330	i P	Pn	02 48 44.3 -0.4
RAFF	Rafio Rosso	9.79 342	i P	Pn	02 48 45.9 +0.5
BLBK	Belogradchik	9.79 347	i P	Pn	02 48 47.1 +1.7
VAE	Valguarnera	9.79 293	P	Pn	02 48 47.6 +2.1
VAE	comp=-2.15nm,0.6s,baz=185,slow=22,SNR=5.5				
GAZ	Gaziantep	9.82 69	Pn	Pn	02 48 47.9 +2.0
HERR	Herculane	11.07 348	i P	Pn	02 49 04.6 +2.0
ARR	Arges	11.27 356	i P	Pn	02 49 07.9 +2.2
MLR	Muntele Rosu	11.36 31	Pn	Pn	02 49 08.6 +1.6
MLR	comp=-2.0,1nm,0.3s,baz=169,slow=16,SNR=3.7		LR	LR	02 54 17.1
MLR	comp=-2.232nm,19.6s,baz=186,slow=42				
MLR	Muntele Rosu	11.36 31	P	Pn	02 49 09.5 +2.4
MLR	Muntele Rosu	11.36 31	P	Pn	02 49 09.4 +2.4
GZR	Gura Zlata	11.49 349	i P	Pn	02 49 11.0 +2.2
GZR	Gura Zlata	11.49 349	i P	Pn	02 49 10.9 +2.2
VRI	Vrincioaia	11.76 3 i P	Pn	Pn	02 49 15.0 +2.7
VRI	Vrincioaia	11.76 3 i P	Pn	Pn	02 49 15.0 +2.7
BZS	Buzias	11.91 346	i P	Pn	02 49 16.4 +1.9
BZS	Buzias	11.91 346	i P	Pn	02 49 16.3 +1.9
MARR	Marisel-Ciuj	12.70 352	i P	Pn	02 49 27.5 +2.2
DRGR	Drăgănești	12.87 351	i P	Pn	02 49 29.1 +2.2
DRGR	Drăgănești	12.87 351	i P	Pn	02 49 29.2 +2.2
MORH	Mrgy, Hungary	13.24 338	i P	Pn	02 49 33.9 +1.4
BURAR	Bucovina Array	13.49 358	i P	Pn	02 49 38.9 +2.9
BURAR	Bucovina Array	13.49 358	i P	Pn	02 49 38.9 +2.9
BURB	Bucovina Ar. S	13.52 358	i P	Pn	02 49 40.0 -5.0
KEST	Kesra	13.52 361	Pn	Pn	02 49 42.0 -4.2
ANN	Anapa	13.96 37	e S	S	02 49 45.9 -4.7
ANN	Anapa	13.96 37	e S	S	02 52 26.8 +9.1
ANN	comp=-2.14nm,0.9s				
SORM	Soroca	14.14 7 i P	Pn	Pn	02 49 47.7 +2.8
SORM	Soroca	14.14 7 i P	Pn	Pn	02 49 47.6 +2.8
SOC	Sochi	14.40 45	e P	Pn	02 49 53.4 -2.1
SOC	Sochi	14.40 45	e P	Pn	02 52 39.5
SOC	comp=-2.66nm,13.0s				
MPLH	Magyaropoly	14.44 337	P	P	02 49 51.7 -4.2
KMPD	K-Podolskiy	14.44 2	Pn	Pn	02 49 53.9 -2.0
SOKA	Soboth	14.95 330	i Pn	Pn	02 49 54.6 -1.4
SOKA	comp=-2.2,9nm,0.6s				
OBKA	Obir	15.02 329	i Pn	Pn	02 50 01.2 -1.3
ARSA	Arzberg	15.22 333	i Pn	Pn	02 50 02.9 -1.8
ARSA	Arzberg	15.22 333	i Pn	Pn	02 50 02.9 -1.8
RONA	Rosalia, Austr	15.31 335	i Pn	Pn	02 50 05.5 -0.2
RONA	comp=-2.4,3nm,0.6s,SNR=6.2				
MYKA	Terra Mystica	15.51 327	e Pn	Pn	02 50 09.6 +1.7
MODS	Modra-Piesok	15.59 339	e P	Pn	02 50 09.4 +0.7
MODS	Modra-Piesok	15.59 339	e P	Pn	02 50 09.4 +0.7
MODS	comp=-2.7,0nm,1.1s				
CONA	Conrad Observa	15.66 335	e Pn	Pn	02 50 10.3 +0.7
KWP	Kalwarja Pacia	15.66 353	P	Pn	02 50 08.2 -1.3
STAL	STALIGIAL	15.67 325	Pn	I Amb	02 50 06.4 +1.0
STAL	STALIGIAL	15.67 325	Pn	I Amb	02 50 18.0
LANA	Liptovska Anna	15.73 345	e P	Pn	02 50 09.7 -0.6
LANA	Liptovska Anna	15.73 345	e P	Pn	02 50 09.7 -0.6
LANA	Liptovska Anna	15.73 345	e P	Pn	02 50 09.7 -0.6
LUBAR	Lubar, Ukraine	16.04 322	Pn	I Amb	02 50 10.2 -0.1
CTI	Castel Tesino	16.04 322	Pn	I Amb	02 50 26.6
CTI	Castel Tesino	16.04 322	Pn	I Amb	02 50 10.2 -0.1
CTI	Castel Tesino	16.04 322	Pn	I Amb	02 50 10.2 -0.1
CTI	comp=-2.12nm,0.7s				
ABTA	Abfaltersbach	16.11 325	i Pn	Pn	02 50 12.7 -1.9
ABTA	Abfaltersbach	16.11 325	i Pn	Pn	02 50 12.7 -1.9
MOA	Molin	16.20 331	i Pn	Pn	02 50 16.9 +1.4
MOA	Molin	16.20 331	i Pn	Pn	02 50 16.9 +1.4
SHAI	Shidzhatmat	16.27 49	i P	Pn	02 50 17.4 +0.9
SHAI	Garni	16.29 63	Pn	Pn	02 50 17.2 +0.5
SHAI	Garni	16.29 63	Pn	Pn	02 50 17.2 +0.5
SHAI	comp=-2.0,4nm,0.3s,baz=236,slow=11,SNR=1.7				
GNI	Garni	16.29 63	P	Pn	02 50 17.8 +1.1
GNI	Garni	16.29 63	P	Pn	02 50 17.8 +1.1
BIOA	Bad Ischl, Aus	16.33 330	i Pn	Pn	02 50 18.3 +1.4
BIOA	comp=-2.2,0nm,0.5s				
KIV	Kislovodsk	16.40 48	e P	Pn	02 50 20.3 +2.5
KIV	Kislovodsk	16.40 48	e P	Pn	02 50 20.3 +2.5
KIV	comp=-2.25nm,1.1s				
KIV	Kislovodsk	16.40 48	P	P	02 50 20.2 +2.5
KIV	Kislovodsk	16.40 48	P	P	02 50 20.2 +2.5
KVAR	Kislovodsk Arr	16.40 48	Pn	Pn	02 50 23.0 +5.1
KVAR	comp=-2.42,slow=16				
KBZ	Khabaz	16.41 49	Pn	Pn	02 50 17.8 -0.1
KBZ	Khabaz	16.41 49	Pn	Pn	02 50 17.8 -0.1
KBZ	comp=-2.0,2nm,0.3s,baz=249,slow=8.6,SNR=19				
KBZ	comp=-2.3,3nm,1.0s				
KBZ	Khabaz	16.41 49	i P	Pn	02 50 18.9 +1.1
KRUC	Moravsky	16.47 338	P	Pn	02 50 18.7 +0.3
LESA	Schwarzleot	16.54 327	i Pn	Pn	02 50 20.3 +0.9
LESA	Schwarzleot	16.54 327	i Pn	Pn	02 50 20.3 +0.9
AK07	Mainin Array Si	16.65 8	P	Pn	02 50 19.8 -0.3
VRAC	Vranov	16.62 339	Pn	Pn	02 50 19.9 -0.3
VRAC	comp=-2.0,4nm,0.3s,baz=77,slow=11,SNR=4.5		LR	LR	02 57 00.4
VRAC	comp=-2.5,1nm,2.1s,baz=100,slow=98				
VRAC	comp=-2.3,3nm,0.5s				
VRAC	Vranov	16.62 339	i P	Pn	02 50 18.9 -1.2
VRAC	Vranov	16.62 339	i P	Pn	02 50 18.9 -1.2
AK06	Mainin Array Si	16.65 8	P	Pn	02 50 22.1 +1.7
NCK	Nalchik	16.75 51	i P	Pn	02 50 24.3 +1.1
KIEV	Kiev	16.76 8	i P	Pn	02 50 22.0 +0.3
KIEV	Kiev	16.76 8	i P	Pn	02 50 21.9 +0.3
AKASG	Mainin Array Be	16.77 8	Pn	Pn	02 50 21.2 -0.5
AKASG	Mainin Array Be	16.77 8	Pn	Pn	02 50 21.2 -0.5
AKASG	comp=-2.91nm,19.9s,baz=184,slow=59		LR	LR	02 57 21.3
AKASG	Mainin Array Be	16.77 8	Pn	Pn	02 50 20.3 -1.4

AKASG	Mainin Array Be	16.77 8	e P	P	02 50 21.2 -0.5
AKASG	comp=-2.6,0nm,0.5s				
AKBB	Mainin Array Si	16.77 8	Pn	I Amb	02 50 19.4 0.0
AKBB	Mainin Array Si	16.77 8	Pn	I Amb	02 50 24.1
AKBB	comp=-2.17nm,0.7s				
AKBB	Mainin Array Si	16.77 8	e P	P	02 50 20.5 -1.2
MORC	Moravsky Berou	16.78 341	i P	Pn	02 50 21.1 -0.9
MORC	Moravsky Berou	16.78 341	i P	Pn	02 50 19.5 -0.1
MORC	Moravsky Berou	16.78 341	Pn	Pn	02 50 21.0 -0.9
MORC	Moravsky Berou	16.78 341	Pn	Pn	02 50 21.0 -0.9
WTTA	Wattenberg	16.90 325	Pn	Pn	02 50 25.9 +2.5
WTTA	comp=-2.21nm,0.8s				
WTTA	Wattenberg	16.90 325	i Pn	Pn	02 50 26.0 +2.5
TREC	Trest	16.96 336	P	Pn	02 50 25.3 +1.4
TREC	Trest	16.96 336	P	Pn	02 50 25.3 +1.4
CKRC	Cesky Krumlov	16.98 333	e P	MLR	02 50 24.4 +0.3
CKRC	Cesky Krumlov	16.98 333	e P	MLR	02 50 24.4 +0.3
CKRC	comp=-2.200nm,15.1s				
CKRC	Cesky Krumlov	16.98 333	e P	AMS	02 50 24.4 +0.3
CKRC	Cesky Krumlov	16.98 333	e P	AMS	02 50 24.4 +0.3
WATA	Walders	16.98 325	i Pn	Pn	02 50 24.4 +0.1
WATA	comp=-2.100nm,0.6s,SNR=4.8				
SQTA	Sankt Quirin	17.07 324	i Pn	Pn	02 50 27.0 +1.7
SQTA	comp=-2.5,0nm,0.5s,SNR=4.9				
FUORN	Olenpass-Fuorn	17.14 321	I Amb	I Amb	02 50 25.6 -0.6
FUORN	Olenpass-Fuorn	17.14 321	I Amb	I Amb	02 50 25.6 -0.6
FETA	Feichten	17.17 323	i Pn	Pn	02 50 29.2 +2.8
FETA	comp=-2.6,0nm,0.8s,SNR=7.5				
MOTA	Mossalm	17.21 324	i Pn	Pn	02 50 30.1 +3.2
MOTA	comp=-2.6,7nm,0.6s,SNR=7.3				
GE2	GERESS Array S	17.23 332	P	Pn	02 50 26.4 -0.6
GE2	GERESS Array S	17.23 332	P	Pn	02 50 28.2 +1.3
GE2	comp=-2.5,0nm,0.9s				
GERES	GERESS Array B	17.23 332	P	Pn	02 50 26.0 -0.9
GERES	comp=-2.0,1nm,0.3s,baz=147,slow=9.7,SNR=14				
GERES	comp=-2.3,3nm,0.6s				
GERES	GERESS Array B	17.23 332	P	Pn	02 50 26.3 -0.6
GERES	GERESS Array B	17.23 332	P	Pn	

OBN	Obninsk	93.35 325 P	P	05 09 23.8 -0.8
OBN	Obninsk	93.35 325 P	P	05 09 24.9 +0.2
OBN	Obninsk	93.35 325 P	P	05 09 24.8 +0.2
OBN	Obninsk	93.35 325 P	P	05 13 07.6
OBN	Obninsk	93.35 325 P	P	05 15 08.6
OBN	Obninsk	93.35 325 P	P	05 20 24.7 -7.1
OBN	Obninsk	93.35 325 P	P	05 26 51.1 +3.2
EIL	Eilat	93.36 299 LR	LR	05 56 50.4
C26K	Camden Bay	93.45 20 P	P	05 09 25.2 +0.5
DOT	Dot Lake	93.51 27 IAMS_20	IAMS_20	05 51 57.9
GLB	Gilghina Butte	93.54 29 IAMB	IAMB	05 09 27.3
BERG	Berg Lake	93.55 30 IAMS_20	IAMS_20	05 46 57.4
SCRK	Sand Creek	93.56 26 IAMS_20	IAMS_20	05 52 21.1
SCRK	Sand Creek	93.56 26 P	P	05 09 25.8 +0.2
F26K	Sheenjek River	93.63 22 P	P	05 09 26.0 +0.3
MENT	Mentasta	93.64 27 P	P	05 09 28.8 +2.9
MENT	Mentasta	93.64 27 IAMB	IAMB	05 10 25.8
VRDI	Verde Repeater	93.70 29 IAMB	IAMB	05 09 53.0
G26K	Porcupine Rive	93.75 23 IAMB	IAMB	05 09 41.3
G26K	Porcupine Rive	93.75 23 P	P	05 09 26.4 +0.1
BGLC	Bering Glacier	93.75 30 P	P	05 09 26.2 -0.1
L26K	Log Cabin Wild	93.81 27 IAMS_20	IAMS_20	05 54 05.0
CRQM	Cirque	93.84 29 IAMB	IAMB	05 09 29.5
CRQM	Cirque	93.84 29 IAMS_20	IAMS_20	05 50 49.6
C27K	Jago River	93.86 21 IAMB	IAMB	05 09 28.5
C27K	Jago River	93.86 21 P	P	05 09 26.7 0.0
CRQK	Cirque	93.86 29 P	P	05 09 27.0 -0.1
MCARA	McCarthy VSAT	93.91 29 IAMB	IAMB	05 09 38.9
MCARA	McCarthy VSAT	93.91 29 P	P	05 09 27.4 +0.3
NVL	N'lazarevskaya	93.95 198 eP	P	05 09 34.9 +7.8
NVL	N'lazarevskaya	93.95 198 pmax	pmax	05 09 34.9 +7.8
NVL	N'lazarevskaya	93.95 198 MLR	MLR	05 09 34.9 +7.8
M26K	Nabesna, AK	93.95 28 IAMS_20	IAMS_20	05 48 58.8
K27K	Chicken	94.00 26 IAMB	IAMB	05 09 32.1
K27K	Chicken	94.00 26 IAMS_20	IAMS_20	05 52 36.4
MESA	Mesa	94.42 30 IAMS_20	IAMS_20	05 47 23.3
MESA	Mesa	94.42 30 P	P	05 09 29.7 0.0
M27K	Edge Creek, AK	94.47 28 IAMS_20	IAMS_20	05 49 35.6
M27K	Edge Creek, AK	94.47 28 P	P	05 09 29.6 -0.3
L27K	Beaver Creek,	94.50 27 IAMB	IAMB	05 09 32.0
L27K	Beaver Creek,	94.50 27 IAMS_20	IAMS_20	05 48 40.3
L27K	Beaver Creek,	94.50 27 P	P	05 09 29.9 +0.1
GRNC	Granite Creek	94.52 30 IAMS_20	IAMS_20	05 47 55.9
BCAR	Beaver Creek A	94.52 27 P	P	05 09 30.1 +0.1
LVZ	Lovozero	94.55 3381 eP	P	05 09 29.4 -0.5
BARN	Barnard Glacie	94.57 29 IAMS_20	IAMS_20	05 47 51.2
G27K	Doyon Strip	94.59 23 P	P	05 09 30.1 0.0
KIRS	Kirsehir-Merke	94.59 309 P	P	05 09 29.3 -1.5
I27K	Kandik River	94.60 25 P	P	05 09 30.4 +0.1
E27K	Coleen River	94.61 22 IAMB	IAMB	05 09 31.8
E27K	Coleen River	94.61 22 P	P	05 09 30.2 0.0
H27K	Steamboat Moun	94.64 24 IAMB	IAMB	05 10 01.8
H27K	Steamboat Moun	94.64 24 P	P	05 09 30.6 +0.2
BR131	Keskin Array S	94.82 309 eP	P	05 09 30.8 -1.2
BRTR	Keskin Array B	94.82 309 eP	P	05 09 30.3 -1.7
BRTR	Keskin Array B	94.82 309 eP	P	05 13 21.4 +0.7
BRTR	Keskin Array B	94.82 309 LR	LR	05 57 34.8
BRTR	Keskin Array B	94.82 309 P	P	05 09 30.1 -1.8
BRTR	Keskin Array B	94.82 309 eP	P	05 09 35.2 +3.2
D27M	Malcolm River	94.82 21 IAMS_20	IAMS_20	05 54 51.4
D27M	Malcolm River	94.82 21 P	P	05 09 31.4 +0.2
LOGN	Logan Glacier	94.89 29 IAMB	IAMB	05 09 42.7
LOGN	Logan Glacier	94.89 29 IAMS_20	IAMS_20	05 48 07.7
CSS	Mathiatis	94.94 305 IAMS_20	IAMS_20	05 56 50.0
BVCY	Beaver Creek	94.95 28 P	P	05 09 31.8 -0.1
APA	Apacity	95.02 337 eP	P	05 09 33.2 +1.1
APA	Apacity	95.02 337 pmax	pmax	05 13 19.3
YUK3	Moose Creek	95.14 28 P	P	05 09 32.8 -0.3
PCA	Pinnacle	95.27 30 IAMS_20	IAMS_20	05 47 14.7
F28M	Old Crow	95.27 23 IAMB	IAMB	05 09 35.0
F28M	Old Crow	95.27 23 P	P	05 09 33.2 0.0
P1NM	Pinnacle	95.27 30 P	P	05 09 33.3 -0.1
O28M	Mount Upton	95.29 29 IAMB	IAMB	05 09 36.4
O28M	Mount Upton	95.29 29 IAMS_20	IAMS_20	05 48 30.4
O28M	Mount Upton	95.29 29 P	P	05 09 33.5 -0.3
I28M	Miner Creek	95.31 25 IAMS_20	IAMS_20	05 54 33.4
I28M	Miner Creek	95.31 25 P	P	05 09 33.5 0.0
E28M	Babbage River	95.36 22 IAMB	IAMB	05 09 36.0
E28M	Babbage River	95.36 22 P	P	05 09 33.5 -0.1
YUW8	Steele Glacier	95.49 29 P	P	05 09 34.5 -0.2
DAWK	Dawson	95.58 26 IAMB	IAMB	05 09 36.7
DAWK	Dawson	95.58 26 P	P	05 09 34.8 +0.1
D28M	Stokes Point	95.61 21 P	P	05 09 35.1 +0.4
MBAR	Mbarara	95.65 269 LR	LR	05 49 15.6
MBAR	Mbarara	95.65 269 IAMS_20	IAMS_20	05 49 15.4
BRWY	Burwash Landin	95.83 29 P	P	05 09 36.1 +0.1

H29M	Whitestone	95.92 24 IAMB	IAMB	05 10 11.5
H29M	Whitestone	95.92 24 P	P	05 09 36.2 0.0
TROLL	Troll	95.95 195 P	P	05 09 35.6 -0.9
E29M	Blow River	95.97 22 P	P	05 09 36.2 -0.2
MATP	Matopu	95.97 249 LR	LR	05 48 08.6
I29M	Ogilvie Camp,	95.99 25 IAMB	IAMB	05 09 38.4 +0.4
I29M	Ogilvie Camp,	95.99 25 P	P	05 09 36.5 -0.1
G29M	Pine Creek	96.02 23 P	P	05 09 36.6 -0.1
YUK4	Talbot Arm	96.02 29 P	P	05 09 37.4 +0.4
M29M	Somme Creek	96.06 28 IAMB	IAMB	05 09 39.1
M29M	Somme Creek	96.06 28 P	P	05 09 37.7 +0.6
J29N	Klondike Camp	96.08 26 IAMS_20	IAMS_20	05 50 39.9
O29M	Mount Kennedy	96.10 30 IAMS_20	IAMS_20	05 47 53.9
O29M	Mount Kennedy	96.10 30 P	P	05 09 37.4 +0.1
YUK6	Outpost Mounta	96.18 29 P	P	05 09 38.0 +0.2
L29M	L29M	96.18 27 IAMB	IAMB	05 09 40.1
L29M	L29M	96.18 27 P	P	05 09 37.7 +0.1
K29M	Barlow Dome	96.42 26 IAMB	IAMB	05 10 17.1
K29M	Barlow Dome	96.42 26 P	P	05 09 15.9
K29M	Barlow Dome	96.42 26 P	P	05 09 38.4 -0.2
P29M	Wind Craggy	96.55 31 IAMS_20	IAMS_20	05 52 41.9
P29M	Wind Craggy	96.55 31 P	P	05 09 39.0 -0.2
EPYK	Eagle Plains	96.57 24 IAMB	IAMB	05 09 40.7
EPYK	Eagle Plains	96.57 24 IAMS_20	IAMS_20	05 54 34.9
HYT	Haines Junctio	96.60 29 P	P	05 09 38.8 -0.8
G30M	Atoh Zraii Nji	96.72 23 IAMB	IAMB	05 09 40.9
G30M	Atoh Zraii Nji	96.72 23 P	P	05 09 38.9 -1.0
N30M	Aishikik Lake	96.77 29 IAMS_20	IAMS_20	05 49 33.4
N30M	Aishikik Lake	96.77 29 P	P	05 09 39.5 -0.7
I30M	Mount Dempster	96.81 25 IAMB	IAMB	05 09 41.9
I30M	Mount Dempster	96.81 25 IAMS_20	IAMS_20	05 55 30.2
I30M	Mount Dempster	96.81 25 P	P	05 09 40.0 -0.4
F30M	Barrier River	96.83 22 IAMS_20	IAMS_20	05 52 55.5
F30M	Barrier River	96.83 22 P	P	05 09 40.0 -0.3
M30M	Minto, Yukon	96.83 28 IAMB	IAMB	05 09 42.3
M30M	Minto, Yukon	96.83 28 P	P	05 09 40.1 -0.4
LSZ	Lusaka	96.85 254 LR	LR	05 48 48.4
J30M	Hart River	96.88 26 IAMB	IAMB	05 09 42.9
J30M	Hart River	96.88 26 IAMS_20	IAMS_20	05 54 47.2
J30M	Hart River	96.88 26 P	P	05 09 40.2 -0.6
P30M	Million Dollar	96.91 30 P	P	05 09 40.5 -0.4
PLBC	Pleasant Camp	97.26 31 P	P	05 09 42.0 -0.3
O30N	Mendenhall	97.30 29 IAMS_20	IAMS_20	05 48 44.5
O30N	Mendenhall	97.30 29 P	P	05 09 42.0 -0.6
N31M	Braeburn, Yuko	97.39 29 IAMB	IAMB	05 10 03.4
N31M	Braeburn, Yuko	97.39 29 IAMS_20	IAMS_20	05 50 25.9
N31M	Braeburn, Yuko	97.39 29 P	P	05 09 42.4 -0.6
S31K	Pelican	97.43 32 IAMS_20	IAMS_20	05 51 33.2
S31K	Pelican	97.43 32 P	P	05 09 42.5 -0.7
G31M	Satah River	97.49 23 IAMS_20	IAMS_20	05 55 07.0
G31M	Satah River	97.49 23 P	P	05 09 42.6 -0.6
SNA4	Sanae	97.51 194 LR	LR	05 52 13.0
SNA4	Sanae	97.51 194 eP	eP	05 09 44.6 +1.1
H31M	Peel River	97.59 24 IAMB	IAMB	05 09 45.2
H31M	Peel River	97.59 24 P	P	05 09 43.2 -0.7
INK	Inuvik	97.59 22 LR	LR	05 52 52.6
INK	Inuvik	97.59 22 IAMB	IAMB	05 09 44.8
INK	Inuvik	97.59 22 P	P	05 09 43.0 -0.7
F31M	Tsichtchic	97.63 23 P	P	05 09 43.2 -0.7
ARCES	ARCCESS Array B	97.75 340 P	P	05 09 44.3 -1.0
ARCES	ARCCESS Array B	97.75 340 P	P	05 09 44.4 -0.1
ARCES	ARCCESS Array B	97.75 340 P	P	05 09 44.4 -0.1
SKAG	Skagway	97.79 31 P	P	05 09 44.8 +0.1
AKASG	Malin Array Be	97.81 320 P	P	05 09 43.8 -1.3
AKASG	Malin Array Be	97.81 320 eP	eP	05 13 44.8 +1.5
AKASG	Malin Array Be	97.81 320 LR	LR	05 59 37.5
AKASG	Malin Array Be	97.81 320 P	P	05 09 44.8 -0.3
AKASG	Malin Array Be	97.81 320 eP	eP	05 09 47.0 +1.9
AKBB	Malin Array Si	97.81 320 IAMB	IAMB	05 09 58.3
AKBB	Malin Array Si	97.81 320 eP	eP	05 09 43.5 -1.6
KIEV	Kiev	97.82 320 P	P	05 09 43.9 -1.3
KIEV	Kiev	97.82 320 P	P	05 09 43.8 -1.3
AK07	Malin Array Si	97.83 320 P	P	05 09 45.8 +0.6
AK12	Malin Array Si	97.86 320 P	P	05 09 45.5 +0.1
WHY	Whitese	97.90 29 IAMB	IAMB	05 09 56.4
WHY	Whitese	97.90 29 P	P	05 09 45.4 0.0
AK21	Malin Array Si	97.93 321 P	P	05 09 45.6 0.0
M31M	Drury Creek, Y	97.98 28 IAMS_20	IAMS_20	05 50 06.3
M31M	Drury Creek, Y	97.98 28 P	P	05 09 45.9 +0.2
SIT	Sitka	97.99 33 P	P	05 09 45.7 0.0
LBTB	Loise	98.03 244 LR	LR	05 50 38.0
SPITS	Spitsbergen Ar	98.16 349 P	P	05 09 45.6 -0.5
SPITS	Spitsbergen Ar	98.16 349 LR	LR	06 00 31.7
R32K	Eaglecrest	98.31 32 IAMS_20	IAMS_20	05 52 12.4

R32K	Eaglecrest	98.31 32 P	P	05 09 47.4 +0.2
S32K	Killisonoo	98.36 33 IAMS_20	IAMS_20	05 51 56.7
S32K	Killisonoo	98.36 33 P	P	05 09 47.3 0.0
MNK	Minsk	98.38 324 i P	P	05 09 48.0 +0.4
MNK	Minsk	98.38 324 i P	P	05 09 48.0 +0.4
MNK	Minsk	98.38 324 i P	P	05 09 48.0 +0.4
MNK	Minsk	98.38 324 i P	P	05 13 48.3 +0.7
MNK	Minsk	98.38 324 i P	P	05 15 53.6
MNK	Minsk	98.38 324 i P	P	05 22 43.4 +1.8
MNK	Minsk	98.38 324 i P	P	05 28 02.9 +3.5
MNK	Minsk	98.38 324 i P	P	05 31 50.3
MNK	Minsk	98.38 324 i P	P	05 47 40.7
MNK	Minsk	98.38 324 i P	P	05 56 02.2
MNK	Minsk	98.38 324 i P	P	05 56 44.5
MNK	Minsk	98.38 324 i P	P	05 58 10.5
MNK	Minsk	98.38 324 i P	P	05 58 20.5
MNK	Minsk	98.38 324 i P	P	05 09 47.9 +0.3
MNK	Minsk	98.38 324 i P	P	05 13 48.3
MNK	Minsk	98.38 324 i P	P	05 15 53.6
MNK	Minsk	98.38 324 i P	P	05 20 25.9 +0.8
MNK	Minsk	98.38 324 i P	P	05 22 43.3 +1.7
MNK	Minsk	98.38 324 i P	P	05 28 02.9 +3.5
MNK	Minsk	98.38 324 i P	P	05 31 50.3
MNK	Minsk	98.38 324 i P	P	05 47 40.7
MNK	Minsk	98.38 324 i P	P	05 56 02.2
MNK	Minsk	98.38 324 i P	P	05 56 44.5
MNK	Minsk	98.38 324 i P	P	05 58 10.5
MNK	Minsk	98.38 324 i P	P	05 58 20.5
MNK	Minsk	98.38 324 i P	P	05 09 47.9 +0.3
MNK	Minsk	98.38 324 i P	P	05 13 48.3
MNK	Minsk	98.38 324 i P	P	05 15 53.6
MNK	Minsk	98.38 324 i P	P	05 20 25.9 +0.8
MNK	Minsk	98.38 324 i P	P	05 22 43.3 +1.7
MNK	Minsk	98.38 324 i P	P	05 28 02.9 +3.5
MNK	Minsk	98.38 324 i P	P	05 31 50.3
MNK	Minsk	98.38 324 i P	P	05 47 40.7
MNK	Minsk	98.38 324 i P	P	05 56 02.2
MNK	Minsk	98.38 324 i P	P	05 56 44.5
MNK	Minsk	98.38		

RSPR 09 05:31:33.4, 19:20N, 67.74W, h53km, 10km, MD3.6/14
OSPL 09 05:31:33.3, 1.3, 19:15N, 67.73W, h12km, 56km, ML3.3,
Presumed earthquake

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like ZALESOVO INFRA, ZALV Zalevovo Beam, KURBB Kurchatov Arra, MKAR Makanchi Arra, etc.

IDC 09 05:55:29.1, 3.4, 53.43N, 87.30E, h0km, mbtmp2.3/2,
ML2.4/2, Error ellipse: s-maj=32.6km s-min=16.9km
az=61.0

ASRS 09 05:55:27.0, 1.3, 53.40N, 87.38E, h0km, M2.3(MOS), The
earthquakes of Russia in 2020. Obninsk, GS RAS,
2022, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like ZALESOVO INFRA, ZALV Zalevovo Beam, KURBB Kurchatov Arra, MKAR Makanchi Arra, etc.

CATAC 09 06:18:28.0, 0.5, 7.2N, 73.7W, h159km, 4km, M4.0/10,

mb4.1/2, MLV4.0/10, Error ellipse: s-maj=9.5km
s-min=4.5km az=97.8, confirmed
NEIC 09 06:18:28.9, 1.5, 7.2N, 73.2W, 0.1, h139km, 20km,
mb4.2/4, Error ellipse: s-maj=29.6km s-min=8.9km
az=135.0

RSNC 09 06:18:29.0, 0.7, 7.2N, 73.1W, h146km, 1km, M3.6,
MB4.9, mb3.9, ML3.2, Mw(mb)4.2
IDC 09 06:18:29.2, 2.9, 6.72N, 73.11W, h172km, 2.4km, mb3.2/4,
mbtmp3.8/5, Error ellipse: s-maj=60.3km s-min=29.6km
az=98.0

IDC 09 06:18:28.2, 0.7, 6.87N, 73.14W, 0.05, h150km, 6km,
M3.9, mb3.9/103, mb3.9/6, Northern Colombia

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

WEL 09 06:24:04.9, 1.4, 33.5S, 8.17W, h12km, M3.9/6,
MB4.5/6, ML4.1/8, MLV4.0/5, Mw(mb)3.7/6, Error ellipse:
s-maj=23.0km s-min=8.8km az=107.2, confirmed, South
of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like WAGZ Waionatini S, WMGZ Waionatini S, PKGZ Pakihiroa, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like MWZ Matawai, URZ Urewera, RIGZ Rimuhau, WUZ Waipu Caves, etc.

NAO 09 06:38:40.6, 34.95N, 24.51E, h10km, MB3.5
IDC 09 06:39:05.5, 1.3, 37.37N, 20.61E, h0km, mb3.8/10,
mbtmp3.7/12, ML4.0/1, Error ellipse: s-maj=23.9km
s-min=21.3km az=56.0

ATH 09 06:39:06.7, 37.22N, 20.38E, h8km, 2km, ML3.6/42,
Latitude uncertainty: 1 km; Longitude uncertainty: 1 km
NEIC 09 06:39:06.4, 1.3, 37.23N, 0.04, 20.71E, 0.06, h10km, 1km,
mb4.5/7, Error ellipse: s-maj=8.5km s-min=6.7km
az=125.0

THE 09 06:39:07.6, 37.2N, 2.0E, h0km, M3.4/44, ML3.4/44
IDC 09 06:39:06.0, 1.5, 37.24N, 0.03, 20.53E, 0.03, h6km, 9km,
M14.5, 1930/170, mb3.9/12, Ionian Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like LTHK Lithakia, KYPS Kipseli, ORTH Orthonies, ZAKY Zaky, etc.

2020 JUN

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

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

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

NOU 09:06:42:13.1, 30.36S, 174.49W, h81km, mb4.7/9, Kermadec Islands Region

ICC 09:06:43:01.7-2.3, 32.52S, 178.78W, h0km, mb4.0/2, mbmp4.2/3, ML4.1/1, MS3.5/2, Error ellipse: s-maj=61.7km

TEH 09:07:12:36.6, 37.26N, 56.73E, h7km, mb3.33km, ML3.6, Presumed earthquake

ISC 09:06:43:02.0-1.3, 32.86S, 177.8W, 0.1, h34km, n93, r156/93, South of Kermadec Islands

ICC 09:06:50:02.0-4.0, 9.58S, 45S:25:13W, h0km, mb4.0/8, mbmp4.0/9, ML4.4/1, Error ellipse: s-maj=30.2km

MEX 09:07:20:00.7-0.7, 14.72N, 93.24W, h149km, 37km, MD3.8, GCG 09:07:20:01.7-1.8, 14.65N, 93.60W, h80km, 56km, MD4.2

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HOPE, VNA1, VNA3, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like THIG, HUEH, STG2, etc.

LDG 09:07:50:49.0-1.4, 43.39N, 8.27E, h20km, Md2.2/1, M2.5/2, Error ellipse: s-maj=3.7km s-min=2.1km az=41.0

ROM 09:07:53:09.0-2.4, 43.47N, 0.01E, h33km, 1km, ML1.6/16, Error ellipse: s-maj=1.8km s-min=0.8km

ISC 09:07:35:10.9-3.0, 53.63N, 87.10E, h0km, mbmp2.8/2, ML2.2/2, Error ellipse: s-maj=29.2km s-min=17.6km

491 ELK 85.28 43 P P 09 35 59.0 +0.5

Table with columns: ELK, Elko, Azimuth, Elevation, Position, and Time. Lists various stations like PKCU, G06A, LYN, etc.

2020 JUN HFS comp=2.1,5nm,0.3s,baz=48,slow=2.2,SNR=20

Table with columns: HFS, Station Name, Azimuth, Elevation, Position, and Time. Lists stations like AKASO, KIEV, LUBAR, etc.

9d 9h s-min=24.0km az=167.0

Table with columns: Code, Station Name, Azimuth, Elevation, Position, and Time. Lists stations like SKR, PAU, ADK, etc.

IDC 09:09:25:22.71.5, 48.37N; 157.27E, h0km, mb3.6/8, mbtmp3.7/9, ML3.0/1, Error ellipse: s-maj=37.0km

IDC 09:09:36:47.0.9.8:67S; 124.18E, h0km, mb4.0/6, mbtmp4.1/9, ML4.3/3, MS2.8/3, Error ellipse: s-maj=64.6km

9d 10h

2020 JUN

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s-min=17.4km az=61.0
ISC 09 09:36:55.7 1.6, 9.25, 0.1, 124.6E, 0.1, h10km, n20,
#295/18, mb4.1/6, Timor region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the 9d 10h period.

IDC 09 09:37:31.4 1.1, 54.63N, 35.34W, h0km, mb3.3/5,
mbtmp3.3/5, MS3.2/1.1, Error ellipse: s-maj=65.4km
s-min=23.7km az=15.0

ISC 09 09:37:33.1 1.0, 54.4N, 0.4, 35.4W, 0.2, h10km, n16,
#162/6, mb3.4/4, MS3.1/8, Reykjanes Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Continuation of seismic station data for the 9d 10h period.

IDC 09 09:43:55.1 1.7, 20.30S, 169.83E, h263km, 19km, mb3.4/4,
mbtmp4.1/6, Error ellipse: s-maj=63.6km s-min=18.0km
az=156.0

ISC 09 09:43:54.9 1.1, 20.1S, 0.2, 169.8E, 0.1, h250km, n7,
#120/6, mb3.8/4, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Continuation of seismic station data for the 9d 10h period.

IDC 09 09:45:10.7 3.7, 54.20N, 87.45E, h0km, mbtmp2.6/2,
ML2.3/2, Error ellipse: s-maj=32.6km s-min=20.0km
az=44.0

ASRS 09 09:45:09.1 5.5, 17.1N, 87.16E, h0km, M2.3(MOS), The
earthquakes of Russia in 2020. Obninsk, GS RAS,
2022, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Continuation of seismic station data for the 9d 10h period.

NOU 09 09:53:14.3, 38.30S, 177.75E, h143km, MLV3.8/8, North
Island, New Zealand

WEL 09 09:53:19.3 0.7, 38.4S, 17.7E, h67km, 5km, M2.9/22,
ML2.9/22, MLV2.9/22, Error ellipse: s-maj=5.4km
s-min=4.5km az=171.2, confirmed

ISC 09 09:53:15.0 1.6, 38.15S, 0.05, 177.40E, 0.05, h112km, 9km,
n109, #186/117, North Island

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations and their recorded data for the 2020 JUN period.

IDC 09 09:56:06.3 2.3, 53.56N, 87.81E, h0km, mbtmp2.8/2,
ML2.6/2, Error ellipse: s-maj=28.5km s-min=17.0km
az=54.0

ANRS 09 09:56:02.0 1.0, 53.62N, 87.87E, h0km, M2.8(MOS), The
earthquakes of Russia in 2020. Obninsk, GS RAS,
2022, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Continuation of seismic station data for the 2020 JUN period.

CATAC 09 10:20:39.1 0.6, 14.3N, 3.9W, h12km, 4km, M3.8/18,
MLV3.8/18, Error ellipse: s-maj=8.4km s-min=4.2km
az=36.9, confirmed

GCG 09 10:20:41.7 2.1, 13.99N, 91.54W, h34km, 16km, MD4.1,
ML3.9, Presumed earthquake

SNET 09 10:20:41.0 0.8, 13.93N, 91.40W, h12km, ML3.7,
Presumed earthquake

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Continuation of seismic station data for the 2020 JUN period.

HEL 09 10:29:20.2 0.2, 68.12N, 33.15E, h0km, ML1.6, Suspected
explosion

KOLA 09 10:29:20.7, 68.13N, 33.26E, h0km, ML2.0, Error ellipse:
s-maj=2.4km s-min=1.7km az=70.0, Olenegorsk City,
Mines, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Continuation of seismic station data for the 2020 JUN period.

KOLA 09 10:29:52.0 0.4, 68.16N, 0.02, 33.20E, 0.09, h0km,
M2.4(MOS), The earthquakes of Russia in 2020.
Obninsk, GS RAS, 2022, Baltic
States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Continuation of seismic station data for the 2020 JUN period.

HEL 09 10:30:50.4 0.1, 60.14N, 23.93E, h0km, ML1.4,
Suspected explosion, Finland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Continuation of seismic station data for the 2020 JUN period.

92d 10h

Table with columns: ID, Name, Value, Unit, Status, Direction, Date, Time, etc. Includes entries like N25K Chitina, Valde, H19K Roundabout, F15K North Star, etc.

2020 JUN

Table with columns: ID, Name, Value, Unit, Status, Direction, Date, Time, etc. Includes entries like H27K Steamboat, JIS Juneau, I28M Minner, K29M Barlow, etc.

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Table with columns: ID, Name, Value, Unit, Status, Direction, Date, Time, etc. Includes entries like C36M Paulatuk, A36M Sachs Harbour, A36M Sachs Harbour, etc.

Table with columns: Station Name, Frequency, Band, Mode, SNR, and other parameters. Includes stations like Mina Array Sit, Deep Springs, Kaiserville, etc.

Table with columns: Code, Station Name, Frequency, Band, Mode, SNR, and other parameters. Includes stations like Little Creek M, Paynes Creek, Hat Creek Radi, etc.

Table with columns: Station Name, Frequency, Band, Mode, SNR, and other parameters. Includes stations like I07A Izeze, SNOW Snow King Mountain, WWOR Wild Horse Val, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like ANMO Albuquerque, ANMO comp=N,0.1nm,0.3s, and various other observatory codes.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like ESDC comp=Z,52nm,18.1s, and various other observatory codes.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s, ISC. Includes stations like ZKR Zakros, ZKR Zakros, and various other observatory codes.

ICD 09 14:20:36.4±1.2, 34.17N; 25.61E, h0km, mb3.77, mbmp3.6/13, ML3.2/6, MS3.1/2, Error ellipse: s-maj=21.0km s-min=12.7km az=37.0

ICD 09 14:44:16.6±1.2, 42.86N; 145.71E, h0km, mb4.0/12, mbmp4.0/15, ML3.0/2, Error ellipse: s-maj=27.6km s-min=19.6km az=107.0

ICD 09 14:44:27.1±0.1, 42.78N; 145.28E, h74km, MW3.6, Moment Tensor Solution, s3 Moment tensor: Scale 10^14Nm

ICD 09 14:44:26.1±0.8, 42.78N; 145.36E, h0.04, h79km, mb4.0/12, n73, r146/95, mb4.2/20, 3C-1D, Hokkaido region

ICD 09 14:20:36.4±1.2, 34.17N; 25.61E, h0km, mb3.77, mbmp3.6/13, ML3.2/6, MS3.1/2, Error ellipse: s-maj=21.0km s-min=12.7km az=37.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like RUSJ Misakicho, RUSJ Churui, JTKR Abashiri-Toko, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like BARC Barichara, PAMC Pamploña, RUSC La Rusia, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like JOSH Kokushiri-Mats, JYJM Yakumo 2, JHR Eniwo, etc.

9d 15h

EVN	Everest	40.20 15.2	P	P	15 30 15.2	-0.8
MK31	Makanchi Array	40.75 305	P	P	15 30 19.0	-0.5
MKAR	Makanchi Array	40.75 305	P	P	15 30 18.3	-1.2
MKAR	comp=Z,0.6nm,0.5s,baz=95,slow=12,SNR=9.2		P	P	15 30 20.1	-0.6
MKAR	comp=Z,1.0nm,0.9s,baz=84,slow=9,SNR=4.5		P	P	15 47 36.4	
MKAR	comp=Z,77nm,20.5s,baz=86,slow=37		P	P	15 30 18.5	-1.0
MKAR	comp=Z,0.6nm,0.5s		P	P	15 32 19.9	-0.8
MKAR	Makanchi Array	40.75 305	P	P	15 30 22.7	+3.2
MAKZ	Makanchi	40.97 305	P	P	15 30 20.4	-0.9
MAKZ	Makanchi	40.97 305	P	P	15 30 20.4	-0.9
MMRI	Maumere	42.94 196	P	P	15 30 35.4	-2.2
KURK	Kurchatov	43.28 311	P	P	15 32 28.4	-0.5
KURK	Kurchatov	43.28 311	P	P	15 30 39.3	-0.8
KURK	comp=Z,1.8nm,1.0s		P	P	15 30 39.6	-0.5
KURB	Kurchatov	43.28 311	P	P	15 30 39.4	-1.2
KURBB	comp=Z,1.1nm,1.0s,baz=95,slow=9.2,SNR=48		P	P	15 32 28.4	-0.7
KURBB	comp=Z,1.0nm,0.8s,baz=93,slow=3.7,SNR=3.1		P	P	15 50 15.5	
NR1K	Noril'sk	44.21 339	P	P	15 50 26.0	
NR1K	Noril'sk	44.21 339	P	P	15 30 47.1	-0.2
TARG	Taragay, Kyrgy	44.28 298	P	P	15 30 47.4	-1.4
TARG	comp=Z,1.1nm,1.3s		P	P	15 30 47.4	-1.4
TARG	Taragay, Kyrgy	44.28 298	P	P	15 31 08.0	
NRN	Naryn	45.67 298	P	P	15 31 06.4	-0.4
MTN	Mannton Dam	45.84 183	P	P	15 31 03.6	-0.3
GSI	Gungunsi	46.22 234	P	P	15 31 05.6	+0.3
KSH2	Kashi	46.40 295	P	P	15 31 07.9	+0.6
AAK	Ala-Archa	46.59 300	P	P	15 31 06.4	-0.4
AAK	comp=Z,1.5nm,0.4s,baz=96,slow=2.7,SNR=4.6		P	P	15 52 07.9	
AAK	Ala-Archa	46.59 300	P	P	15 31 06.4	-0.4
AAK	Ala-Archa	46.59 300	P	P	15 31 06.9	+0.1
LEM	Lembang	46.74 216	P	P	15 52 43.1	
ARLS	Aral	46.84 299	P	P	15 31 09.1	+0.4
BBJ1	Bungbulang	47.28 216	P	P	15 31 11.3	-0.9
BVAR	Borovoye Array	48.39 314	P	P	15 31 20.2	-0.2
BVAR	comp=Z,1.2nm,0.6s,baz=100,slow=8.9,SNR=43		P	P	15 32 46.5	-0.2
BORK	Borovoye	48.43 314	P	P	15 31 20.2	-0.5
BORK	Borovoye	48.43 314	P	P	15 31 20.2	-0.5
ARK	Arkit	48.58 299	P	P	15 31 22.7	+0.5
F15K	North Star Dit	48.75 29	P	P	15 31 24.3	+1.3
KNRA	Kunurra	48.80 186	P	P	15 31 24.4	+0.5
L14K	Kuka Creek	49.06 35	P	P	15 31 24.9	-0.5
M14K	Bethel	49.37 36	P	P	15 31 26.6	-1.2
KK31	Karatay Array	49.40 301	P	P	15 31 28.8	
KKAR	Karatay Array	49.40 301	P	P	15 31 27.3	-1.0
KKAR	Karatay Array	49.40 301	P	P	15 31 27.3	-1.0
N14K	Kuskokwak Cree	49.46 37	P	P	15 31 28.0	-0.5
H16K	Elim	49.59 31	P	P	15 31 29.7	+0.2
D17K	Noatak River	49.72 27	P	P	15 31 27.4	-3.0
MANEM	Manem	49.73 293	P	P	15 31 30.4	-0.9
BTK	Batken	49.79 297	P	P	15 31 39.6	
BTK	Batken	49.79 297	P	P	15 31 30.7	-0.8
M15K	Kasiguluk River	49.99 36	P	P	15 31 29.8	-2.7
E17K	Hotham Inlet	50.10 28	P	P	15 31 31.3	-1.9
SDPT	Sand Point	50.11 43	P	P	15 31 32.6	-0.9
F17K	Baldwin Pennin	50.23 28	P	P	15 31 34.5	+0.3
N15K	Kwethluk River	50.27 37	P	P	15 31 33.4	-1.3
O15K	Ungalikthiuk R	50.39 38	P	P	15 31 35.2	-0.4
GAR	Garm	50.42 296	P	P	15 31 35.0	-1.2
GAR	comp=Z,1.5nm,0.8s		P	P	15 31 36.5	
C18K	Utukok River	50.58 26	P	P	15 31 36.0	-0.9
L16K	Owhat River	50.62 35	P	P	15 31 37.1	-0.1
E18K	Tukpahleark C	50.62 27	P	P	15 31 36.7	-0.5
H17K	Granite Mounta	50.62 30	P	P	15 31 37.4	+0.2
M16K	Timber Creek	50.84 36	P	P	15 31 35.6	-3.4
J17K	VABM Dome	50.87 32	P	P	15 31 37.2	-2.0
F18K	Selawik	50.89 28	P	P	15 31 38.0	-1.2
N16K	Nishik Lake	50.93 36	P	P	15 31 41.4	+1.7
L17K	Donlin	51.18 34	P	P	15 31 43.5	+2.0
K17K	Iditarod	51.20 33	P	P	15 31 41.4	-0.2
G18K	Tagagawik	51.22 29	P	P	15 31 42.0	+0.2
C19K	Lookout Ridge	51.23 25	P	P	15 31 42.3	+0.5
CHGR	Chuyangaron	51.38 295	P	P	15 31 42.1	-1.4
FITZ	Fitzroy Crossi	51.55 189	P	P	15 31 45.1	+0.5
FITZ	comp=Z,5.2nm,0.8s		P	P	15 31 46.7	
M17K	Hollita River	51.59 35	P	P	15 31 45.4	+0.9
F19K	Shalruckik Mo	51.65 28	P	P	15 31 46.3	+0.3
D19K	Kuna River	51.68 26	P	P	15 31 43.9	-1.3
N17K	Nushagak Hills	51.72 36	P	P	15 31 42.4	-3.1
E19K	Redstone River	51.91 27	P	P	15 31 46.4	-0.5
L18K	Granite Mounta	51.94 34	P	P	15 31 46.5	-0.7
H19K	Roundabout Mou	52.11 30	P	P	15 31 49.5	+1.1
B20K	Meade River	52.19 24	P	P	15 31 50.0	+1.2
D20K	Etiyuk River	52.25 26	P	P	15 31 51.4	+2.0
R17L	Mt. Peulik Vol	52.27 40	P	P	15 31 49.5	-0.2

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N18K	Kilae Creek	52.35 36	P	P	15 31 48.2	-2.0
E20K	Nigu River	52.37 26	P	P	15 31 47.9	-2.4
J19K	Poorman	52.43 32	P	P	15 31 48.4	-2.4
F20K	Avarakt Lake	52.47 28	P	P	15 31 48.4	-2.7
A21K	Barrow	52.52 22	P	P	15 31 50.1	-1.2
WB0	Warramunga Arr	52.68 179	P	P	15 31 53.0	-0.1
WB0	comp=Z,2.2nm,1.1s		P	P	15 31 54.5	
H20K	Anotleneega Mo	52.76 30	P	P	15 31 52.2	-1.1
L19K	White Mountain	52.80 34	P	P	15 31 53.7	+0.1
WRAB	Tennant Creek	52.84 179	P	P	15 31 54.6	+0.3
WRAB	comp=Z,1.2nm,0.9s		P	P	15 31 55.8	
WRAB	Tennant Creek	52.84 179	P	P	15 31 55.4	+1.1
WRAB	comp=Z,10.0nm,1.3s		P	P	15 31 54.7	+0.3
WRA	Warramunga Arr	52.85 179	P	P	15 31 54.7	+0.3
WRA	comp=Z,1.1nm,0.8s,baz=353,slow=7.7,SNR=61		P	P	15 33 04.4	+0.9
WRA	comp=Z,1.9nm,0.8s,baz=359,slow=4.2,SNR=2.9		P	P	15 31 53.1	-1.3
WRA	Warramunga Arr	52.85 179	P	P	15 31 53.1	-1.3
WRB	Warramunga Arr	52.87 179	P	P	15 31 54.4	+0.9
I20K	Nasdenneel	52.93 31	P	P	15 31 52.1	-2.3
C21K	Knifeblade Rid	52.94 25	P	P	15 31 53.2	-1.3
A22K	Sinclair Lake	53.02 23	P	P	15 31 52.5	-2.5
B21K	Ikpiuk River	53.03 25	P	P	15 31 53.5	-1.6
N19K	Bonanza Creek	53.03 36	P	P	15 31 54.9	-0.6
J20K	Nowinta River	53.08 31	P	P	15 31 56.3	+0.8
K20K	Telida	53.13 33	P	P	15 31 55.8	-0.2
E21K	Kilik River	53.20 26	P	P	15 31 57.3	+0.8
G21K	Allakaket	53.34 29	P	P	15 31 57.6	+0.1
F21K	Alata River	53.35 28	P	P	15 31 57.1	-0.5
B22K	Teshepkuk Lake	53.49 24	P	P	15 31 58.4	-0.1
SII	Sitkinag Island	53.55 41	P	P	15 31 59.0	-0.2
Q19K	Cap Douglas	53.59 38	P	P	15 31 58.8	-0.6
M20K	Styx River	53.62 34	P	P	15 32 00.4	+0.6
H21K	Melozitna Rive	53.63 30	P	P	15 32 01.0	+1.3
SVE	Sverdlovsk	53.72 319	P	P	15 32 00.4	0.0
P19K	Oli Pt	53.74 37	P	P	15 32 02.5	+1.9
CHUM	Lake Minchumin	53.89 32	P	P	15 32 01.1	-0.4
OHAK	Old Harbor	53.96 40	P	P	15 31 59.7	-2.4
I21K	Tanana	53.98 30	P	P	15 32 00.5	-1.6
E22K	Anaktuvuk Pass	54.00 27	P	P	15 32 00.9	-1.4
PPLA	Purkeypile	54.00 33	P	P	15 32 01.9	-0.6
CAST	Castle Rocks	54.02 32	P	P	15 32 01.4	-1.1
G22K	Bettles	54.13 28	P	P	15 32 01.9	-1.3
H22K	Ishlaitina Cre	54.21 29	P	P	15 32 02.2	-1.7
KDAD	Kodiak Island	54.27 39	P	P	15 57 13.8	
KDAD	comp=Z,2.2nm,1.8s,baz=217,slow=3.7,SNR=3.1		P	P	15 32 05.2	+0.8
KDAD	Kodiak Island	54.27 39	P	P	15 32 02.7	-1.7
KDAD	comp=Z,12nm,1.2s		P	P	15 32 04.9	-0.3
SKT	Skwentna	54.37 34	P	P	15 32 07.1	-0.5
CTA	Charters Tower	54.39 165	P	P	15 32 05.1	-0.2
D23K	Nanushuk River	54.41 26	P	P	15 32 04.5	-0.9
C23K	Ikilik River	54.43 24	P	P	15 32 04.8	-1.4
MLY	Manley	54.52 30	P	P	15 32 06.3	-1.1
L22K	Petersville	54.68 33	P	P	15 32 07.1	-0.5
G23K	Banza Creek	54.72 28	P	P	15 32 07.3	-1.0
TOLK	Toolik Lake Re	54.82 26	P	P	15 32 07.0	-1.5
TRF	Theofore Moun	54.82 32	P	P	15 32 09.1	+0.7
E23K	Chandalar	54.82 27	P	P	15 32 10.2	+0.8
H23K	Yukon River	54.97 29	P	P	15 32 09.0	-0.7
ARTI	Arti	55.01 319	P	P	15 32 08.8	-1.0
ARTI	Arti	55.01 319	P	P	15 32 09.1	-0.7
ARTI	Arti	55.01 319	P	P	15 39 50.6	-0.4
ARTI	Arti	55.01 319	P	P	15 43 31.8	-2.5
D24K	Happy Valley	55.08 25	P	P	15 32 09.9	-0.1
PALK	Pallekele	55.08 254	P	P	15 57 32.6	
I23K	Minto, Yukon-K	55.09 30	P	P	15 32 09.7	-0.6
C24K	Franklin Bluff	55.10 25	P	P	15 32 10.4	+0.2
E24K	Your Creek	55.25 27	P	P	15 32 11.2	-0.2
NEA2	Nenana	55.26 31	P	P	15 32 11.3	-0.2
RC01	Rabot Creek A	55.32 35	P	P	15 32 09.6	-2.3
AB31	Abkubal array	55.39 310	P	P	15 32 11.9	-0.8
AB31	comp=Z,8.5nm,0.8s		P	P	15 32 11.8	-0.8
AB31	Abkubal array	55.39 310	P	P	15 32 12.6	-0.7
F24K	Squaw Lake	55.51 27	P	P	15 32 11.2	-2.4
PMR	Palmer	55.56 34	P	P	15 32 14.3	+0.5
SEW	Seward	55.58 36	P	P	15 32 14.4	0.0
MBWA	Marble Bar	5				

NAO 09 15:38:12.5:1.1, 74°19'N-9°54'E, h10km, ML3.0
BER 09 15:38:14.3:3.6, 74°19'N-9°19'E, h12km, 37km, Mw3.8,
ML3.0(NAO), Confirmed Earthquake
FCIAR 09 15:38:14.0, 74°15'N-9°65'E, h10km, station OMEGA has
station magnitude of 3.30

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BJO1 Bjornoya, BEA1 Bear Island, BRBA Barentsburg, SPA0 Spitsbergen, etc.

JSO 09 15:42:21.5:0.2, 31°N-2°3'E, h15km, 4km, M2.7/13,
M2.9/13, ML2.6/13, MLV2.6/13
GII 09 15:42:21.9:0.0, 30°51'N-0°00'13"E, h10km,
Mw2.4, confirmed

SGS 09 15:42:21.3:0.6, 34°31'E, h16km, M1.4
ISC 09 15:42:22.1:1.0, 30°51'N-0°02'35"E, h15km, 8km,
n46, c071176, Dead Sea region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ZFRI Zfiri, ZUKM Zukum, MSPR Moshav SAPIR, etc.

ISK 09 15:44:06.8, 38°27'N-27°22'E, h8km, ML3.8/29
THE 09 15:44:07.8, 38°N-1°2'E, h11km, 3km, M3.8/6,
MLh3.8/6

IDC 09 15:44:08.0:1.0, 38°20'N-27°20'E, h0km, mb3.7/4,
mbmp3.7/10, ML3.5/4, MS2.6/5, Error ellipse:
s-maj=18.9km s-min=12.0km az=128.0

AFAD 09 15:44:07.0, 38°25'N-27°22'E, h11km, 2km, Mw3.8
ATH 09 15:44:07.6, 38°28'N-27°20'E, h11km, 2km, ML3.5/13,
Latitude uncertainty: 1 km; Longitude uncertainty: 1 km

ISC 09 15:44:06.9:1.0, 36°27'N-0°12'24"E, h0km, 5km,
n104, c1922/149, mb3.5/3, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BDAO AI Bad, GREAT AI Qurayyat, etc.

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DUVT Torbali, BLCB Balcova, BLCB Balcova, GMLD Gumuldur, etc.

BRTR 0.3m, 0.3s, baz=250, slow=17, SNR=16
BRTR 0.2m, 0.3s, baz=256, slow=32, SNR=8.2
BRTR comp=2.44nm, 18.5s, baz=318, slow=44,
5.4nm, 0.8s

MLR Muntele Rosu 7.28 353 Pn
0.4m, 0.3s, baz=172, slow=11, SNR=4.6

MLR 0.6nm, 0.3s, baz=145, slow=17, SNR=3.9
MLR comp=2.58nm, 19.1s, baz=171, slow=44,
2.0nm, 0.4s

MMAI Mount Meron Arr 8.46 126 Pn
2.3nm, 0.3s, baz=316, slow=14, SNR=15

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDI 4.3nm, 0.3s, baz=10.0, slow=14, SNR=13, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ASF Jabal al Asfar, EIL Elat, AKASO Malin Array Be, etc.

DJA 09 15:46:24.0:0.3, 1°S-3°10'E, h184km, 4km, M3.8/30,
mb4.6/11, mb4.1/6, MLV3.6/30, Mw(mb)3.8/1, Southern
Sumatera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PDSI Padang, BKNi Bengkulu, MASI Maura Aman, etc.

IDC 09 15:46:43.5:1.8, 8°31'S-148°03'E, h90km, 12km, mb3.5/9,
mbmp3.9/11, Error ellipse: s-maj=33.3km s-min=14.1km
az=109.0

NEIC 09 15:46:44.6:1.0, 8°35'S-0°07'148°02'E, h95km, 7km,
mb4.1/16, Error ellipse: s-maj=11.6km s-min=9.6km
az=83.0

ISC 09 15:46:44.0:0.5, 8°42'S-0°06'148°03'E, h100km, n46,
c246/50, mb3.9/13, Eastern New Guinea region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like PMG Port Moresby, WBO Warramunga Arr, WRB Warramunga Arr, etc.

ARM A Armadale 22.15 172 P
comp=2.0, 8m, 0.7s

SOEI Soe 23.50 265 P
FITZ Fitzroy Crossi 23.80 244 P
STKA Stephens Creek 24.10 194 P

STKA Stephens Creek 24.10 194 P
JOW Kunigami 39.40 332 P
WKZ Wanayaka 40.58 157 P

CMAR Chiang Mai Arr 55.30 299 P
comp=2.0, 8m, 0.7s, baz=117, slow=7.3, SNR=3.9

CMAR Chiang Mai Arr 55.30 299 P
PETK Petropavlovsk 61.84 7 P

EVN Everest 69.29 304 P
VND Vanda 69.46 177 P

MKAR Makanchi Array 80.00 321 P
comp=2.0, 8m, 0.5s, baz=100, slow=7.2, SNR=14

QSPA South Pole Quai 81.57 190 P
comp=2.1, 4nm, 0.9s, baz=356, slow=4.9, SNR=3.5

QSPA South Pole Quai 81.57 180 P
ZALV Zalesovo Beam 81.59 328 P

H7K Unkneket 81.75 20 P
KURK Kurchatov 83.74 323 P

KURK Kurchatov 83.74 323 P
KURK comp=2.1, 6nm, 0.9s

KURB Kurchatov Arra 83.76 323 P
comp=2.0, 8m, 0.6s, baz=116, slow=3.9, SNR=7.4

TORD Torodi Arr Bea 146.62 281 PKPbc PKPbc
comp=2.0, 5nm, 0.5s, baz=100, slow=3.1, SNR=4.5

IDC 09 15:58:08.8:1.3, 34°48'N-26°73'E, h0km, mb3.6/7,
mbmp3.6/11, ML3.4/4, Error ellipse: s-maj=26.1km
s-min=11.8km az=16.0

ISK 09 15:58:09.6, 34°46'N-26°62'E, h10km, ML2.9/10
AFAD 09 15:58:14.3, 34°70'N-26°81'E, h7km, 4km, ML2.6

ISC 09 15:58:08.9:1.7, 34°65'N-0°05'26'E, h0km, 11km,
n37, c212/50, mb3.5/6, Crete

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDI 4.3nm, 0.3s, baz=10.0, slow=14, SNR=13, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like MDDK Medeo, CRYL Corfu, BELG Belogomoye, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like VTS Vitoshka, BLSH Balsha, GAYA GAYA, etc.

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like TIP Timpagrande, KMBO Kilima Mbogo, STHS Stebnicka Huta, etc.

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IMP	Imphal	36.44	85	eP	P	16 15 52.7	-3.8		
IMP	comp=Z,60nm,0.2s			Iamb	Iamb	16 16 29.9			
MAKO	MOKOCHONG	36.61	82	eP	P	16 15 57.0	-1.1		
MOKO	comp=Z,134nm,0.2s			Iamb	Iamb	16 16 18.8			
CKRC	Cesky Krumlov	36.64	316	eP	P	16 15 58.3	+0.4		
CKRC	comp=Z,1µm,20.8s			eS	MLR	16 21 40.0	-0.3		
CKRC	Cesky Krumlov	36.64	316	eP	P	16 15 58.3	+0.4		
CKRC	comp=Z,1µm,20.8s			eS	AMS	16 21 40.0	-0.3		
CKRC	Cesky Krumlov	36.64	316	eP	P	16 15 58.3	+0.4		
CKRC	comp=Z,1µm,20.8s			eS	AMS	16 21 40.0	-0.3		
KBA	Koslin reinsper	36.68	313	iP	P	16 15 58.2	-0.2		
KBA	Koelnbreinsper	36.68	313	iP	P	16 15 57.7	-0.7		
BIOA	Bad Ischl, Aus	36.68	314	iP	P	16 15 57.4	-0.8		
BIOA	comp=Z,9.0nm,0.9s,SNR=16								
STAL	STALIGAL	36.86	311	Iamb	Iamb	16 16 07.2			
STAL	comp=Z,59nm,1.6s								
ARBE	Arbavere	36.87	337	eP	P	16 16 60.0	+0.4		
MOREH	comp=Z,1µm,19.0s			IAMS_20	IAMS_20	16 33 16.3			
PRU	Pruhonice	36.93	318	eP	P	16 16 00.7	+0.4		
PRU	comp=Z,1µm,17.0s			eP	AMS	16 16 00.7	+0.4		
PRU	Pruhonice	36.93	318	eP	P	16 16 00.7	+0.4		
PRU	comp=Z,1µm,17.0s			eP	AMS	16 33 50.0			
ZVC	Zvikov	36.93	317	eP	P	16 16 00.8	+0.5		
ZVC	comp=Z,1µm,19.6s			eP	AMS	16 34 20.0			
PASG	PASIGHAT	37.00	79	eP	P	16 16 02.8	+1.6		
GECZ	GERESS Array S	37.02	316	eP	P	16 16 01.3	+0.1		
GECZ	comp=Z,1.3nm,0.5s,baz=106,slow=7.2,SNR=14								
GERES	GERESS Array B	37.02	316	eP	P	16 16 00.7	-0.5		
GERES	comp=Z,1µm,19.8s,baz=114,slow=4.0			LR	LR	16 33 47.1			
GERES	GERESS Array B	37.02	316	eP	P	16 15 59.9	-1.3		
PVCC	Panska Ves	37.12	313	eP	P	16 16 02.1	+0.2		
PVCC	comp=Z,1.3nm,0.5s			AMS	AMS	16 33 40.0			
PVCC	Panska Ves	37.12	313	eP	P	16 16 01.0	-0.9		
PVCC	comp=Z,1µm,18.7s								
ABTA	Abfaltersbach	37.13	312	eP	P	16 16 01.3	-0.9		
ABTA	comp=Z,30nm,2.0s,SNR=9.0								
MTSE	Metsahovi	37.14	335	eP	P	16 16 01.9	0.0		
KHC	Kasperske Hory	37.20	316	Iamb	Iamb	16 16 08.3			
KHC	comp=Z,70nm,1.7s								
KHC	Kasperske Hory	37.20	316	eP	P	16 16 03.2	+0.6		
KHC	comp=Z,1µm,16.8s			eS	MLR	16 21 47.9	-1.0		
KHC	Kasperske Hory	37.20	316	eP	P	16 16 03.2	+0.6		
KHC	comp=Z,1µm,16.8s			eS	AMS	16 35 50.0			
KHC	Kasperske Hory	37.20	316	eP	P	16 16 01.3	-1.3		
KHC	comp=Z,443nm,2.2s,SNR=11								
LESJA	Schwarzleot	37.22	313	eP	P	16 16 02.0	-0.8		
LESJA	comp=Z,8.0nm,1.0s,SNR=8.7								
RJOB	Jochberg	37.23	314	eP	P	16 16 02.5	-0.5		
RJOB	comp=Z,8.2nm,0.7s,baz=111,slow=8.5								
RICC	Richard	37.40	318	AMS	AMS	16 34 40.0			
RICC	comp=Z,1µm,16.3s								
BRG	Berggiesshubel	37.62	319	eP	P	16 16 05.5	-0.7		
BRG	comp=Z,3.7nm,0.8s,baz=111,slow=8.5								
BRG	Berggiesshubel	37.62	319	eP	P	16 16 06.5	+0.3		
BRG	comp=Z,3.7nm,0.8s,baz=111,slow=8.5								
WET	Wetzell	37.63	316	eP	P	16 16 05.2	-1.1		
WET	comp=Z,2.3nm,0.8s,baz=111,slow=8.5								
WET	Wetzell	37.63	316	eP	P	16 16 06.4	+0.1		
WET	comp=Z,2.3nm,0.8s,baz=111,slow=8.5								
HSKC	Hora Svate Kat	37.82	318	eP	P	16 16 08.7	+0.8		
HSKC	comp=Z,1µm,18.5s			AMS	AMS	16 34 50.0			
WTTA	Wattenberg	37.85	312	eP	P	16 16 07.6	-0.7		
WTTA	comp=Z,48nm,1.6s,SNR=16								
WTTA	Wattenberg	37.85	312	eP	P	16 16 07.2	-1.2		
WTTA	comp=Z,12nm,1.2s			eS	S	16 22 01.2	+2.1		
WATA	Walderalm	37.91	313	eP	P	16 16 07.5	-1.3		
WATA	comp=Z,44nm,2.2s,SNR=11								
MEF	Metsahovi	37.99	337	eP	P	16 16 09.2	+0.2		
KEST	Kesra	37.99	293	P	P	16 16 10.8	+1.2		
KEST	SNR=6.3								
KEST	SNR=6.3								
JOF	Joensuu	38.05	344	eP	P	16 16 09.6	0.0		
SQTA	Sankt Quirin	38.12	312	eP	P	16 16 09.2	-1.3		
SQTA	comp=Z,25nm,1.2s,SNR=12			eS	S	16 22 04.7	+1.6		
MOTA	Moosalm	38.22	312	eP	P	16 16 09.6	-1.8		
MOTA	comp=Z,12nm,0.8s,SNR=14			eS	S	16 22 05.2	+0.6		
ROTZ	Rotzenhubel	38.26	316	eP	P	16 16 12.3	+0.7		
ROTZ	comp=Z,1.3nm,0.8s,baz=111,slow=8.5								
NKC	Novy Kostel	38.27	317	eP	P	16 16 12.2	+0.5		
NKC	comp=Z,1µm,19.4s			AMS	AMS	16 34 10.0			
NKC	Novy Kostel	38.27	317	eP	P	16 16 12.2	+0.5		
NKC	comp=Z,1µm,19.4s			AMS	AMS	16 34 10.0			
TANN	Tannenbergestha	38.33	318	eP	P	16 16 12.6	+0.4		
TANN	comp=Z,1µm,18.5s								
CLL	Colim	38.34	319	Iamb	Iamb	16 16 11.7	-0.5		
CLL	comp=Z,7.1nm,1.8s								
CLL	Colim	38.34	319	iP	P	16 16 11.7	-0.5		
CLL	comp=Z,7.1nm,1.8s			eS	S	16 22 07.0	+1.0		
CLL	Colim	38.34	319	eP	P	16 16 12.4	+0.3		
CLL	comp=Z,1µm,18.9s								
CLL	Colim	38.34	319	eP	P	16 16 11.7	-0.5		
CLL	comp=Z,1µm,18.9s			MLR	MLR	16 16 15.5			
CLL	Colim	38.34	319	iP	P	16 16 11.7	-0.5		
CLL	comp=Z,1µm,18.9s			iP	PPP	16 17 59.0			
CLL	Colim	38.34	319	eP	P	16 16 12.4	+0.3		
CLL	comp=Z,1µm,18.9s			eS	SSS	16 24 54.0	-0.6		
CLL	Colim	38.34	319	eP	P	16 16 12.4	+0.3		
CLL	comp=Z,1µm,18.9s			eS	SSS	16 25 12.0			
CLL	Colim	38.34	319	eP	P	16 16 12.4	+0.3		
CLL	comp=Z,1µm,18.9s			eS	SSS	16 25 54.0			
CLL	Colim	38.34	319	eP	P	16 16 11.9	-0.3		
CLL	comp=Z,1µm,18.9s			eS	AMS	16 34 00.0			
CLL	Colim	38.34	319	eP	P	16 16 11.9	-0.3		
CLL	comp=Z,1µm,18.9s								
FUR	Furstedelbru	38.34	314	P	P	16 16 11.7	-0.6		
FUR	comp=Z,1.6nm,1.6s,SNR=11								
FUR	FURNESS Array B	38.34	339	P	P	16 16 11.1	-1.0		
FUR	comp=Z,9.6nm,0.5s,baz=139,slow=8.5,SNR=79								
FUR	FURNESS Array B	38.34	339	P	P	16 16 11.1	-1.0		
FUR	comp=Z,9.6nm,0.5s,baz=139,slow=8.5,SNR=79								
FUR	FURNESS Array B	38.34	339	P	P	16 16 10.3	-1.8		
FUR	comp=Z,9.6nm,0.5s								
FUR	FURNESS Array B	38.34	339	P	P	16 16 11.8	-1.0		
FUR	comp=Z,8.2nm,0.7s,SNR=12								
FUR	FURNESS Array B	38.34	339	P	P	16 22 08.5	+1.4		
FUR	comp=Z,1.9nm,1.5s			eS	S	16 22 08.5	+1.4		
MANZ	Manzenberg	38.39	317	eP	P	16 16 13.3	+0.6		
MANZ	comp=Z,0.5nm,0.8s,baz=111,slow=8.5								
RETA	Reutte	38.48	313	eP	P	16 16 11.9	-1.7		
RETA	comp=Z,14nm,1.2s,SNR=16			eS	S	16 22 10.8	+2.4		
RETA	Reutte	38.48	313	eP	P	16 16 11.9	-1.7		
RETA	comp=Z,14nm,1.2s,SNR=16			eS	S	16 22 10.8	+2.4		
FOURN	Ofenpass-Fuorn	38.59	311	Iamb	Iamb	16 16 41.1			
FOURN	comp=Z,4.9nm,1.4s								
GRA1	Grafenberg Arr	38.84	316	Iamb	Iamb	16 16 21.2			
GRA1	comp=Z,1.04nm,1.7s								
GRA1	Grafenberg Arr	38.84	316	eP	P	16 16 17.1	+0.6		
GRA1	comp=Z,1.04nm,1.7s								
GRA1	Grafenberg Arr	38.84	316	eP	P	16 16 17.1	+0.7		
GRA1	comp=Z,1.04nm,1.7s								
GRA1	Grafenberg Arr	38.84	316	eP	P	16 16 17.1	+0.7		
GRA1	comp=Z,1.04nm,1.7s								
DAVOS	DavosDischmat	38.88	311	LR	LR	16 36 42.5			
DAVOS	comp=Z,747nm,18.1s,baz=82,slow=4.3								
MOX	Moxa	38.91	318	eP	P	16 16 17.4	+0.3		
MOX	comp=Z,1.1nm,1.5s								
MOX	Moxa	38.91	318	eP	P	16 16 17.5	+0.5		
MOX	comp=Z,1.1nm,1.5s								
BSD	Bornholm Skovb	38.95	325	eP					

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Table with columns for ID, Name, Date, Time, Location, Status, and other details. Includes entries like SFJD Kangerlussuaq, MA2 Magadan, MA2 Matsushiro, etc.

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Table with columns for ID, Name, Date, Time, Location, Status, and other details. Includes entries like H21K Melozitna River, FYU Fort Yukon, G27K Doyon Strip, etc.

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Table with columns for ID, Name, Date, Time, Location, Status, and other details. Includes entries like TGL, GRNC Granite Creek, O28M Mount, N32M Quiet Lake, etc.

TZTN	Tazewell	104.29 325	IAMS_20	IAMS_20	17 15 05.8
T50A	Nancy	104.56 327	IAMS_20	IAMS_20	17 15 38.7
P43A	Skaggs, Panwee	104.58 331	IAMS_20	IAMS_20	17 15 49.8
V53A	Saluda	104.59 324	IAMS_20	IAMS_20	17 09 51.9
Q44A	Meyer Farm, Va	104.97 330	IAMS_20	IAMS_20	17 13 24.3
N38A	Joel South For	105.11 334	IAMS_20	IAMS_20	17 12 23.6
NHSC	New Hope	105.12 321	IAMS_20	IAMS_20	17 17 47.2
L34A	Svendens Farm	105.23 337	IAMS_20	IAMS_20	17 19 51.5
U49A	Red Boiling Sp	105.42 327	IAMS_20	IAMS_20	17 16 14.5
W52A	Murphy	105.61 325	IAMS_20	IAMS_20	17 14 29.9
K30B	Basset	105.66 330	IAMS_20	IAMS_20	17 09 11.6
P40A	Paris	105.72 333	IAMS_20	IAMS_20	17 14 10.9
BOZ	Bozeman (W)	105.77 349	IAMS_20	IAMS_20	17 18 12.0
N35A	Tabor	105.95 336	IAMS_20	IAMS_20	17 20 17.6
S44A	Carbondale	106.08 330	IAMS_20	IAMS_20	17 13 42.6
W50A	Signal Mountai	106.23 326	IAMS_20	IAMS_20	17 13 49.1
P38A	Dawn	106.23 334	IAMS_20	IAMS_20	17 13 20.3
BGNE	Belgrade	106.33 338	IAMS_20	IAMS_20	17 17 13.5
T45A	Paducah	106.36 329	IAMS_20	IAMS_20	17 15 50.2
257A	Skidaway Islan	106.44 321	IAMS_20	IAMS_20	17 16 27.1
X51A	Calhoun	106.50 325	IAMS_20	IAMS_20	17 17 59.4
CCM	Cathedral Cave	106.64 331	IAMS_20	IAMS_20	17 13 31.3
GOGA	Godfrey	106.68 323	IAMS_20	IAMS_20	17 14 26.2
R40A	Maddies Statio	106.87 332	IAMS_20	IAMS_20	17 14 56.3
PLID	Pearl Lake	106.91 332	IAMS_20	IAMS_20	17 17 13.8
FLWY	Flagg Ranch	107.01 348	IAMS_20	IAMS_20	17 16 27.5
BMO	Blue Mountains	107.29 353	IAMS_20	IAMS_20	17 15 59.9
MOOW	Moose Ponds	107.41 348	IAMS_20	IAMS_20	17 17 28.3
T42A	Van Buren	107.44 331	IAMS_20	IAMS_20	17 22 21.5
K22A	Casper	107.57 345	IAMS_20	IAMS_20	17 20 12.8
SNOW	Snow King Moun	107.69 348	IAMS_20	IAMS_20	17 17 35.7
Y49A	Blount Mountai	107.85 326	IAMS_20	IAMS_20	17 15 34.9
KSU1	Kansas State U	107.85 336	IAMS_20	IAMS_20	17 12 53.9
152A	Waverly Hall	107.92 324	IAMS_20	IAMS_20	17 15 22.9
456A	Hilliard	107.94 320	IAMS_20	IAMS_20	17 17 10.9
BW06	Boulder Array	108.12 347	IAMS_20	IAMS_20	17 20 15.3
TIGA	Tifton	108.26 322	IAMS_20	IAMS_20	17 13 37.3
AHID	Auburn Hatcher	108.42 338	IAMS_20	IAMS_20	17 18 01.2
MFID	Camas Ranch	108.53 352	IAMS_20	IAMS_20	17 19 46.8
LRAL	Lakeview Retre	108.80 325	IAMS_20	IAMS_20	17 16 12.0
352A	Blakely	108.95 323	IAMS_20	IAMS_20	17 13 52.5
R32A	Long Quarter,	109.20 337	IAMS_20	IAMS_20	17 16 28.5
656A	Wilston	109.25 320	IAMS_20	IAMS_20	17 13 14.7
Y45A	Yeager Farm, C	109.36 328	IAMS_20	IAMS_20	17 14 59.8
HWUT	Hardware Ranch	109.63 348	IAMS_20	IAMS_20	17 18 49.1
553A	Crawfordville	109.68 322	IAMS_20	IAMS_20	17 14 16.0
B35A	Sooner Cattle	109.74 335	IAMS_20	IAMS_20	17 22 50.0
T75A	Brewton	110.31 324	IAMS_20	IAMS_20	17 12 45.3
TUL3	Leonard	110.34 334	IAMS_20	IAMS_20	17 17 25.1
Q20A	White River Ci	110.36 345	IAMS_20	IAMS_20	17 17 50.6
MIAR	Mount Ida	110.61 331	IAMS_20	IAMS_20	17 15 32.4
OK052	Battle Ridge R	110.66 334	IAMS_20	IAMS_20	17 14 53.4
143A	Socs Landings	111.20 329	IAMS_20	IAMS_20	17 18 00.2
DUG	Dugway, Tocoee	111.23 349	IAMS_20	IAMS_20	17 20 54.3
HATC	Hat Creek Radi	111.66 356	IAMS_20	IAMS_20	17 23 12.4
KHBM	Hayfork Bally	111.91 357	IAMS_20	IAMS_20	17 24 07.0
003E	Paynes Creek	112.20 356	IAMS_20	IAMS_20	17 21 32.7
Z38A	Mt. Pleasant	112.31 332	IAMS_20	IAMS_20	17 18 22.4
002D	Mt. Diablo Mer	112.37 357	IAMS_20	IAMS_20	17 20 08.2
WMOK	Wichita Mounta	112.52 335	IAMS_20	IAMS_20	17 19 34.5
Z35A	Perchaw San	113.18 333	IAMS_20	IAMS_20	17 17 12.2
MVCO	Mesa Verde	113.21 344	IAMS_20	IAMS_20	17 17 43.2
AMTX	Amarillo	113.41 338	IAMS_20	IAMS_20	17 16 49.9
WELL	Weller Preserv	113.97 355	IAMS_20	IAMS_20	17 23 10.6
CVS	Carmenet Viney	114.18 356	IAMS_20	IAMS_20	17 22 22.1
CMB	Columbia Colle	114.34 355	IAMS_20	IAMS_20	17 23 12.5
MSTX	Muleshoe	114.61 338	IAMS_20	IAMS_20	17 17 50.6
ABTX	Abilene, Hawle	114.73 335	IAMS_20	IAMS_20	17 22 49.0
TIN	Tinmahia, Big	115.10 353	IAMS_20	IAMS_20	17 24 37.5
MHC	Mount Hamilton	115.13 356	IAMS_20	IAMS_20	17 24 31.2
WUAZ	Wupatki	115.48 346	IAMS_20	IAMS_20	17 22 01.0
HKT	Hockley	115.53 330	IAMS_20	IAMS_20	17 20 02.4
CWC	Cottonwood Cre	115.69 352	IAMS_20	IAMS_20	17 25 03.1
MPMC	Manual Prospec	115.99 352	IAMS_20	IAMS_20	17 24 33.2
VES	Vestal, Richgr	116.39 353	IAMS_20	IAMS_20	17 20 54.8
IRM	Iron Mountain	117.51 349	IAMS_20	IAMS_20	17 25 44.6
EPT	El Paso	117.81 341	IAMS_20	IAMS_20	17 26 40.1
BC3	Big Chuckawall	118.05 349	IAMS_20	IAMS_20	17 21 43.0
TUC	Tucsoe	118.43 345	IAMS_20	IAMS_20	17 26 25.2
GLA	Glamis	118.54 349	IAMS_20	IAMS_20	17 26 18.8
PPT2	Papeete2	156.64 69	eLR	LR	17 21 20.9
PPT2			eLR	LR	17 21 21.3
TAOE	Nuku Hiva Isla	157.35 37	eLR	LR	17 21 38.9

NEIC 09 16:09:29.0.0, 40'33S; 0'09: 173:78E; 0'05, h130km, 10km, ML4.5/22, Error ellipse: s-maj=13.9km s-min=3.6km az=160.0

NOU 09 16:09:30.5, 40'41S; 173:88E, h111km, MLV4.7/24, Cook Strait, New Zealand

WEL 09 16:09:33.8, 40'42S; 173:85E, ML4.6, Mw4.2, Moment Tensor Solution, Moment tensor: Scale 10¹⁵Nm; M₁-1.93; M₂0.26; M₃-2.22; M₄0.07; M₅-0.15; M₆-0.54; Fault plane solution: M2: 16000x10¹⁵ NP1: 63.12, 0.0000; 367.00000; A: -30.00000; NP2: 54.00000; 363.00000; A: -15.00000; P: 57.15; Plg3.0000; Azm4.0000; N: -0.2324, Plg53.0000; Azm98.0000; P: -1.3390, Plg37.0000; Azm272.0000; Stations used: KHEZ MRZ NNZ QRZ TRVZ TSZ VRZ WAZ WEL WHVZ OBLIQUE-NORMAL FAULTING

WEL 09 16:09:33.7, 0.9, 40'54.4, 173.74E, h88km, 9km, M4.6/15, ML4.7/15, MLV4.6/15, Error ellipse: s-maj=6.2km s-min=5.0km az=101.3, confirmed

ISC 09 16:09:29.6, 1.1, 40'43S; 0'03: 173:85E; 0.04, h129km, 7km, n223, s116/234, Cook Strait

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h	s
					ISC	ISC
DUWZ	D'Urville Isla	0.38	172	P	16 09 48.4	+0.4
DUWZ				S	16 10 00.1	-1.9
TCW	Tory Channel	0.85	158	P	16 09 52.2	+1.2
TCW	Tory Channel	0.85	158	S	16 09 52.3	+1.2
NNZ	Nelson	0.87	204	P	16 09 52.1	+1.0
NNZ	Nelson	0.87	204	S	16 10 07.0	-0.6
NNZ	Nelson	0.87	204	P	16 09 52.2	+1.0
NNZ	Nelson	0.87	204	S	16 10 06.8	-0.8
TKNZ	Takaka Hill	0.91	228	P	16 09 52.1	+0.5
TKNZ	Takaka Hill	0.91	228	S	16 09 52.2	+0.6
TKNZ	Takaka Hill	0.91	228	P	16 10 07.1	-1.2
TKNZ	Takaka Hill	0.91	228	S	16 09 52.5	+0.9
KIWI	Motueka DOC wo	0.95	222	P	16 10 06.3	-2.1
MOTS				S	16 09 52.8	+0.9
MOTS				S	16 10 04.3	-0.5
NLMS	Nelson Nelmac	0.95	207	P	16 09 52.3	+1.3
NLMS	Nelson Nelmac	0.95	207	S	16 10 08.4	-0.4
NCBS	Nelson Council	0.95	207	P	16 09 53.0	+1.1
NCBS	Nelson Council	0.95	207	S	16 10 08.3	-0.5
NELH	Nelson Hospita	0.97	207	P	16 09 53.8	+1.6
OPSS	Opunake Primar	0.97	0	P	16 09 53.1	+0.9
OPSS	Opunake Primar	0.97	0	S	16 10 08.7	-0.6
PAPS	Paraparauamu Pr	1.01	119	P	16 09 53.6	+1.2
PAPS	Paraparauamu Pr	1.01	119	P	16 09 53.2	+0.7
BWKS	Waikakoa Road	1.01	178	P	16 09 53.7	+1.2
PWES	Poriru West	1.02	134	P	16 09 54.1	+1.5
PWKS	Katoa Kinderga	1.02	133	P	16 09 54.1	+1.5
MKBS	Makara Bunker	1.03	141	P	16 09 54.2	+1.5
WCDS	Wanganui Civil	1.04	62	P	16 09 54.5	+1.7
LREZ	Lake Rotokare	1.05	24	P	16 09 54.2	+1.3
GWZ	Olaki Range	1.08	112	P	16 09 54.3	+1.2
QRZ	Quartz Range	1.08	248	P	16 09 53.8	+0.1
QRZ	Quartz Range	1.08	248	P	16 09 53.6	+0.1
QRZ	Quartz Range	1.08	248	P	16 09 53.5	+0.3
QRZ	Quartz Range	1.08	248	P	16 10 10.1	
QRZ	Quartz Range	1.08	248	P	16 10 10.2	
QRZ	Quartz Range	1.08	248	P	16 09 53.5	+0.3
SNZO	South Karori	1.10	144	P	16 09 54.7	+1.5
SNZO	South Karori	1.10	144	P	16 10 10.3	-1.0
SNZO	South Karori	1.10	144	P	16 09 54.8	+1.5
SNZO	South Karori	1.10	144	P	16 10 11.0	
WAZ	Wanganui	1.10	53	P	16 09 55.1	+1.7
WEL	Wellington	1.11	141	P	16 09 54.9	+1.5
PRKZ	Palmer Road	1.13	100	P	16 09 54.9	+1.5
KHEZ	Kahui Hut	1.14	7	P	16 09 54.6	+0.8
KHEZ	Kahui Hut	1.14	7	S	16 10 10.1	-2.1
KHEZ	Kahui Hut	1.14	7	P	16 09 54.6	+0.8
KHEZ	Kahui Hut	1.14	7	P	16 09 54.5	+0.8
OHWZ	Ohaakea	1.14	79	P	16 09 55.3	+1.5
CAW	Cannon Point	1.15	127	P	16 09 55.3	+1.4
NBEZ	Newall Road No	1.16	1	P	16 09 54.7	+0.8
NEZ	North Egmont	1.17	9	P	16 09 54.8	+0.6
DREZ	Durham Road	1.26	13	P	16 09 56.0	+1.0
MRNZ	Matariki Terra	1.28	220	P	16 09 56.3	+1.1
MRNZ	Matariki Terra	1.28	220	P	16 09 56.4	+1.2
BSWZ	Blackbirch Sta	1.29	179	P	16 09 57.1	+1.8
BSWZ	Blackbirch Sta	1.29	179	P	16 10 16.2	
BSWZ	Blackbirch Sta	1.29	179	P	16 09 57.2	+1.9
MRZ	Mangatainoka R	1.34	101	P	16 09 57.0	+1.1
MRZ	Mangatainoka R	1.34	101	P	16 09 57.1	+1.1
CMWZ	Cape Campbell	1.35	168	P	16 09 57.8	+1.9
CMWZ	Cape Campbell	1.35	168	P	16 10 23.1	
CMWZ	Cape Campbell	1.35	168	P	16 10 26.2	
CMWZ	Cape Campbell	1.35	168	P	16 09 58.3	+2.3
HOWZ	Holdsworth Sta	1.35	111	P	16 09 57.2	+1.2
MHEZ	Mangahewa Sta	1.40	15	P	16 09 57.8	+1.3
MSWZ	Motikau Station	1.45	133	P	16 09 58.4	+1.4
MSWZ	Motikau Station	1.45	133	P	16 09 58.5	+1.4
MTW	Mount Morrison	1.45	121	P	16 09 58.2	+1.0
POWZ	Post Office Ro	1.47	89	P	16 09 58.7	+1.3
VRZ	Verd Road	1.48	29	P	16 09 58.7	+1.3
THZ	Tophouse	1.51	208	P	16 09 59.3	+1.5
THZ	Tophouse	1.51	208	P	16 09 59.5	+1.6
PAWZ	Peruawai Farm	1.52	137	P	16 09 58.1	+1.4
PLWZ	Palliser	1.53	137	P	16 09 58.8	+1.5
PLWZ	Palliser	1.53	137	P	16 09 58.9	+1.5
TINTZ	Tintock	1.59	103	P	16 09 59.9	+1.2
PKVZ	Pokaka	1.62	46	P	16 10 00.6	+1.5
MTVZ	Mangateitei	1.62	51	P	16 10 00.6	+1.5
PRWZ	Port Rarangi	1.75	98	P	16 10 00.8	+1.5
TSZ	Takapari Road	1.66	78	P	16 10 00.4	+0.9
TMWZ	Ta Maipa	1.69	114	P	16 10 01.1	+1.3
TRWZ	Traveller	1.70	125	P	16 10 01.5	+1.6
TRVZ	Turoa	1.73	50	P	16 10 01.7	+1.2
WVWZ	Whanonga	1.74	51	P	16 10 01.3	+1.3
MAVZ	Matarangi	1.75	98	P	16 10 02.2	+1.4
FWVZ	Far West T-bar	1.76	49	P	16 10 01.9	+1.1
WHVZ	Whangape Hut	1.76	50	P	16 10 02.0	+1.2

9d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MDH Madha, FAQ Al Faqa, and various regional stations.

2020 JUN

Table with columns for station name, frequency, power, and other technical details. Includes stations like RAYN Ar Rayn, GAZ Gaziantep, and various regional stations.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like GAZ Gaziantep, CHOM Cayir-Elze, and various regional stations.

BR131	Keskin Array S	20.35 311	iP	P	17 22 51.1 +0.6	AB31	Akbulak array	22.15 11	iP	P	17 23 10.0 +0.4	KRBG	Karabiga-Canak	25.01 307	eP	P	17 23 39.1 +1.4		
BR131	Keskin Array S	20.35 311	P	P	17 22 51.5 +1.0	ABKAR	Akbulak array	22.15 11	P	P	17 23 09.0 -0.6	BELG	Belogomorye	25.09 352	LR	LR	17 23 36.34.3		
	SNR=249					EKS2	Erkin-Say	22.30 43	P	P	17 23 12.5 +0.1	BELG	Belogomorye	25.09 352	iP	P	17 23 38.6 +0.3		
BR131	SNR=249		P	P	17 22 51.5 +1.0	MDUB	Mudurnu	22.35 311	I Amb	P	17 23 12.3 +0.4	BELG	comp-Z,162nm,1.1s		pmax	pmax			
BR131	Keskin Array S	20.35 311	P	P	17 22 51.5 +1.0	MDUB	comp-Z,347nm,1.0s				17 23 29.4	BELG	comp-Z,2um,18.0s		MLR	MLR			
BRTR	Keskin Array B	20.35 311	P	P	17 22 51.5 +1.0	MDUB	Mudurnu	22.35 311	eP	P	17 23 13.1 +1.1	WUS	Wushi	25.09 51	I Amb	I Amb	17 23 47.7		
BRTR	comp-Z,28nm,0.6s,baz=132,slow=12,SNR=103				17 26 39.0 +1.0	CAME	Cameli-Denizli	22.35 301	eP	P	17 23 13.3 +1.2	PRZ	comp-Z,295nm,1.3s						
BRTR	comp-Z,9.6nm,1.0s,baz=126,slow=4,SNR=2.0		Lg	Lg	17 29 09.1	UCHT	Uchitor	22.50 44	P	P	17 23 14.5 +0.5	PRZ	comp-Z,264nm,1.2s						
BRTR	comp-Z,0.1nm,0.3s,baz=34,slow=4,SNR=1.5		ScP	ScP	17 30 39.5 +0.5	APMY	Acipayam-Deniz	22.51 302	eP	P	17 23 14.2 +0.4	PRZ	Przheval'sk	25.11 47	P	P	17 23 40.7 +1.8		
BRTR	comp-Z,7.1nm,0.8s,baz=152,slow=4.3,SNR=6.2		LR	LR	17 33 07.2	AKL	Akcia	22.58 103	eP	I AMs_20	I AMs_20	17 34 14.5	PRZ	Przheval'sk		pmax			
BRTR	comp-Z,12um,18.5s,baz=122,slow=44					JHNI	comp-Z,13um,18.6s					GAZK	comp-Z,192nm,1.2s						
BRTR	comp-Z,28nm,0.6s					JHNI	Jhansi	22.63 90	eP	I Amb	I Amb	17 23 16.1 +1.2	VRH	Gazikoy-Tekirda	25.12 308	eP	P	17 23 40.0 +1.2	
BRTR	Keskin Array B	20.35 311	P	P	17 22 50.5 +0.1	AAK	Ala-Archa	22.72 43	LR	LR	17 23 58.3	VRH	Novokhopovskoy	25.13 343	iP	P	17 23 39.5 +0.8		
BRTR	comp-Z,1umcomp-Z,192nm,1.0s		S	S	17 26 39.0 +1.0	AAK	Ala-Archa	22.72 43	LR	LR	17 23 16.9 +0.8	RKY	comp-Z,759nm,0.8s						
BRTR	comp-Z,1umcomp-Z,192nm,1.0s		ScP	ScP	17 26 39.5 +0.5	AAK	Ala-Archa	22.72 43	P	P	17 23 16.2 +0.2	CHOS	Sarkoy-Tekirda	25.20 308	eP	P	17 23 39.4 -0.2		
BRTR	comp-Z,1umcomp-Z,192nm,1.0s		P	P	17 22 51.7 +1.1	AAK	Ala-Archa	22.72 43	P	P	17 23 23.9	HYB	Chos Island	25.24 302	eP	P	17 23 42.1 +2.1		
BR105	Keskin Array S	20.36 311	P	P	17 22 51.7 +1.0	AAK	Ala-Archa	22.72 43	P	P	17 23 16.9 +0.8	HYB	Hyderabad	25.30 108	eP	P	17 23 41.9 +1.2		
BR106	Keskin Array S	20.36 311	P	P	17 22 51.7 +1.0	AAK	Ala-Archa	22.72 43	P	P	17 23 16.2 +0.2	HYB	comp-Z,12um,19.5s		I AMs_20	I AMs_20	17 39 17.6		
KUDL	Kundal	20.39 83	eP	Pn	17 22 52.5 -0.5	AAK	Ala-Archa	22.72 43	P	I Amb	I Amb	17 23 23.9	HYB	Hyderabad	25.30 108	eP	P	17 23 41.1	
KONT	Konya-Tatoy	20.43 305	eP	Pn	17 22 53.6 +0.2	AAK	Ala-Archa	22.72 43	P	I Amb	I AMs_20	I AMs_20	17 23 25.1	HYB	Hyderabad	25.30 108	eP	P	17 23 43.9
KULU	Kulu	20.45 309	eP	Pn	17 22 54.3 +0.6	AAK	Ala-Archa	22.72 43	iP	P	17 23 16.5 +0.5	PHSR	comp-Z,1um,1.0s						
JHUR	Jhajjar	20.50 82	I AMs_20	I AMs_20	17 31 43.2	AAK	Ala-Archa	22.72 43	P	P	17 23 17.0 +1.0	SATY	Anoyia	25.44 295	P	P	17 23 42.2 +0.4		
LADK	Ladik-KONYA	20.53 306	eP	Pn	17 22 54.6 0.0	AAK	Ala-Archa	22.72 43	P	P	17 23 17.9 +1.9	SATY	Anoyia	25.44 295	P	P	17 23 42.0 +0.2		
AFSR	Afar-Bala (An	20.59 310	eP	Pn	17 22 53.7 +0.6	AAK	Ala-Archa	22.72 43	P	P	17 23 17.9 +1.9	SATY	Anoyia	25.44 295	P	P	17 23 43.6 +1.8		
SEYD	Seydieshir-KON	20.60 304	eP	Pn	17 22 54.7 -0.8	AAK	Ala-Archa	22.72 43	P	P	17 23 17.9 +1.9	COMU	Canakkale	25.48 306	eP	P	17 23 41.9 -0.2		
SNOP	Sinop	20.65 319	P	P	17 22 53.6 0.0	AAK	Ala-Archa	22.72 43	P	P	17 23 17.9 +1.9	ALBI	Allahabad	25.49 89	eP	P	17 23 43.6 +1.3		
JAK	Arkit	20.71 42	P	P	17 22 54.6 +0.3	AAK	Ala-Archa	22.72 43	P	P	17 23 17.9 +1.9	EZN	Ezine	25.50 305	eP	P	17 23 43.7 +1.5		
ARK	comp-Z,337nm,1.0s		pmax	pmax		AAK	Ala-Archa	22.72 43	P	P	17 23 17.9 +1.9	EZN	Ezine	25.50 305	eP	P	17 23 44.2 +2.0		
KK31	Karatay Array	20.72 37	P	P	17 22 53.8 -0.5	AAK	Ala-Archa	22.72 43	P	P	17 23 17.9 +1.9	EZN	Ezine	25.50 305	eP	P	17 23 43.3 +1.1		
KK31	Karatay Array	20.72 37	iP	P	17 22 54.7 +0.4	AAK	Ala-Archa	22.72 43	P	P	17 23 17.9 +1.9	GELI	comp-Z,3umcomp-Z,231nm,1.1s						
KKAR	Karatay Array	20.72 37	P	P	17 22 54.1 -0.2	GHE	Sakarya_HENDEK	22.76 31	iP	P	17 23 18.0 +0.2	VORD	Tayfur-Gelibol	25.59 307	eP	P	17 23 44.6 +1.6		
KKAR	Karatay Array	20.72 37	P	P	17 22 54.1 -0.2	GHE	Sakarya_HENDEK	22.76 31	iP	P	17 23 18.0 +0.2	VORD	Divnogorie	25.63 339	eP	P	17 23 42.0 -1.3		
ERBR	Yeremizino-Bor	20.75 334	eP	Pn	17 22 54.7 +0.1	GHE	Sakarya_HENDEK	22.76 31	iP	P	17 23 18.0 +0.2	VORD	Divnogorie	25.63 339	eP	P	17 23 42.0 -1.3		
ERBR	comp-Z,470nm,1.1s		pmax	pmax	17 26 47.9 +2.2	GHE	Sakarya_HENDEK	22.76 31	iP	P	17 23 18.0 +0.2	VORD	Divnogorie	25.63 339	eP	P	17 23 42.0 -1.3		
ERBR	comp-Z,2um,12.0s		MLR	MLR		GHE	Sakarya_HENDEK	22.76 31	iP	P	17 23 18.0 +0.2	VORD	Divnogorie	25.63 339	eP	P	17 23 42.0 -1.3		
ERBR	comp-Z,13um,15.0s		MLR	MLR		GHE	Sakarya_HENDEK	22.76 31	iP	P	17 23 18.0 +0.2	VORD	Divnogorie	25.63 339	eP	P	17 23 42.0 -1.3		
ERBR	comp-E,15um,12.0s		MLR	MLR		GHE	Sakarya_HENDEK	22.76 31	iP	P	17 23 18.0 +0.2	VORD	Divnogorie	25.63 339	eP	P	17 23 42.0 -1.3		
CANT	Cankiri	20.82 313	eP	Pn	17 22 58.1 +0.2	GEDZ	Gediz	22.98 306	eP	P	17 23 20.1 +1.4	VORD	comp-Z,1um,1.0s						
POO	Poona	20.84 111	eP	Pn	17 22 58.0 -0.4	JOSI	Joshimath	23.00 77	eP	P	17 23 19.8 +0.7	VORD	comp-Z,1um,1.0s						
SONA	Solna	20.89 83	eP	I Amb	17 22 57.7 +1.1	JOSI	Joshimath	23.00 77	eP	P	17 23 19.8 +0.7	VORD	comp-Z,1um,1.0s						
SONA	comp-Z,199nm,0.9s		I AMs_20	I AMs_20	17 31 57.2	JOSI	Joshimath	23.00 77	eP	P	17 23 19.8 +0.7	VORD	comp-Z,1um,1.0s						
SONA	comp-Z,14um,19.5s		I AMs_20	I AMs_20	17 31 57.2	JOSI	Joshimath	23.00 77	eP	P	17 23 19.8 +0.7	VORD	comp-Z,1um,1.0s						
AYAN	Aya Nagar	20.93 82	eP	Pn	17 22 58.0 -1.3	JOSI	Joshimath	23.00 77	eP	P	17 23 19.8 +0.7	VORD	comp-Z,1um,1.0s						
AYAN	comp-Z,327nm,0.9s		I Amb	I Amb	17 23 03.3	JOSI	Joshimath	23.00 77	eP	P	17 23 19.8 +0.7	VORD	comp-Z,1um,1.0s						
AYAN	comp-Z,14um,20.0s		I AMs_20	I AMs_20	17 31 47.9	JOSI	Joshimath	23.00 77	eP	P	17 23 19.8 +0.7	VORD	comp-Z,1um,1.0s						
NPLP	NPLP New Delhi	20.96 82	eP	I Amb	17 22 57.7 +0.7	JOSI	Joshimath	23.00 77	eP	P	17 23 19.8 +0.7	VORD	comp-Z,1um,1.0s						
NPLP	comp-Z,93nm,0.8s		I Amb	I Amb	17 23 03.5	JOSI	Joshimath	23.00 77	eP	P	17 23 19.8 +0.7	VORD	comp-Z,1um,1.0s						
NDI	New Delhi	20.99 82	eP	P	17 22 58.5 +1.0	JOSI	Joshimath	23.00 77	eP	P	17 23 19.8 +0.7	VORD	comp-Z,1um,1.0s						
NDI	comp-Z,3um,20.0s		I AMs_20	I AMs_20	17 32 45.4	JOSI	Joshimath	23.00 77	eP	P	17 23 19.8 +0.7	VORD	comp-Z,1um,1.0s						
ILGA	ligaz	21.00 315	P	P	17 22 57.9 +0.3	JOSI	Joshimath	23.00 77	eP	P	17 23 19.8 +0.7	VORD	comp-Z,1um,1.0s						
ILGA	comp-Z,370nm,1.1s		I Amb	I Amb	17 23 05.2	JOSI	Joshimath	23.00 77	eP	P	17 23 19.8 +0.7	VORD	comp-Z,1um,1.0s						
LDM	Ladumli	21.01 313	eP	P	17 22 59.3 +1.7	JOSI	Joshimath	23.00 77	eP	P	17 23 19.8 +0.7	VORD	comp-Z,1um,1.0s						
DZA	Taraz	21.03 39	eP	P	17 22 58.3 +0.6	JOSI	Joshimath	23.00 77	eP	P	17 23 19.8 +0.7	VORD	comp-Z,1um,1.0s						
DZA	Taraz	21.03 39	eP	P	17 22 58.3 +0.6	JOSI	Joshimath	23.00 77	eP	P	17 23 19.8 +0.7	VORD	comp-Z,1um,1.0s						
ARSB	Arslanbob	21.05 45	P	P	17 22 57.9 -0.2	JOSI	Joshimath	23.00 77	eP	P	17 23 19.8 +0.7	VORD	comp-Z,1um,1.0s						
ARSB	comp-Z,527nm,1.1s		I Amb	I Amb	17 23 01.5	JOSI	Joshimath	23.00 77	eP	P	17 23 19.8 +0.7	VORD	comp-Z,1um,1.0s						
ARSB	Arslanbob	21.05 45	P	P	17 22 57.9 -0.2	JOSI	Joshimath	23.00 77	eP	P	17 23 19.8 +0.7	VORD	comp-Z,1um,1.0s						
ARSB	comp-Z,527nm,1.1s		pmax	pmax		JOSI	Joshimath	23.00 77	eP	P	17 23 19.8 +0.7	VORD	comp-Z,1um,1.0s						
JMIU	JAMIA UNIVERSI	21.07 82	I AMs_20	I AMs_20	17 32 01.7	JOSI	Joshimath	23.00 77	eP	P	17 23 19.8 +0.7	VORD	comp-Z,1um,1.0s						
KIZT	Kizilcal	21.16 307	eP	P	17 23 01.3 +2.1	JOSI	Joshimath	23.00 77	eP	P	17 23 19.8 +0.7	VORD	comp-Z,1um,1.0s						
BISR	Bishrakh	21.20 82	I AMs_20	I AMs_20	17 31 54.4	JOSI	Joshimath	23.00 77	eP	P	17 23 19.8 +0.7	VORD	comp-Z,1um,1.0s						
ANTB	Antalya	21.31 301	eP	P	17 23 03.8 +3.1	JOSI	Joshimath	23.00 77	eP	P	17 23 19.8 +0.7	VORD	comp-Z,1um,1.0s						
POLA	Polat-ANKAR	21.33 310	eP	P	17 23 02.6 +1.6	JOSI	Joshimath	23.00 77	eP	P	17 23 19.8 +0.7	VORD	comp-Z,1um,1.0s						
BZK	Bozkurt	21.33 317	iP	P	17 23 01.7 +0.8	JOSI	Joshimath	23.00 77	eP	P	17 23 19.8 +0.7	VORD	comp-Z,1um,1.0s						
BZK	Bozkurt	21.33 317	P	P	17 23 01.4 +0.5	JOSI	Joshimath	23.00 77	eP	P	17 23 19.8 +0.7	VORD	comp-Z,						

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Ofenpass-Fuorn, Pioggia, Grafenberg Arr, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like Maaselka, Hinterfeld, Oulu, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TAM, AVR, NORARS Array S, etc.

9d 17h

C27K	Jago River	82.21	6	I	Amb	I	Amb	17 30 38.2
C27K	Jago River	82.21	6	P	P	P	P	17 30 36.0 +1.4
C27K	baz=345,SNR=97			S	S	S	S	17 40 49.0 +0.3
GAMB	Gambell	82.21	19	P	P	P	P	17 30 35.1 +0.5
GAMB	baz=321			S	S	S	S	17 40 49.1 +0.3
D25K	Kavik River	82.23	7	I	Amb	I	Amb	17 30 38.4
D25K	comp=Z,2j,1m,1.1s			I	A	M	S	18 13 21.3
D25K	Kavik River	82.23	7	P	P	P	P	17 30 35.8 +1.0
D25K	baz=342,SNR=94			S	S	S	S	17 40 49.0 -0.2
F14K	Arctic Creek	82.25	16	P	P	P	P	17 30 36.0 +1.1
F14K	baz=325			S	S	S	S	17 40 49.5 +0.3
MORW	Morawa	82.30	128	P	P	P	P	17 30 35.7 +0.1
MORW	comp=Z,44m,1.2s			P	P	P	P	17 30 35.3 -0.3
MORW	Morawa	82.30	128	I	Amb	I	Amb	17 30 37.9
E19K	Redstone River	82.43	11	I	Amb	I	Amb	17 30 40.9
E19K	comp=Z,3j,2m,20.0s			I	A	M	S	18 14 24.5
E19K	Redstone River	82.43	11	P	P	P	P	17 30 36.0 +0.3
F15K	North Star Dit	82.45	15	I	Amb	I	Amb	17 30 39.3
F15K	comp=Z,82m,1.1s			I	A	M	S	18 11 46.2
F15K	North Star Dit	82.45	15	P	P	P	P	17 30 36.8 +0.9
F15K	baz=327,SNR=12			S	S	S	S	17 40 51.4 +0.0
RKPI	Ransiki, Papua	82.50	96	P	P	P	P	17 30 37.6 +0.5
TOLK	Toolik Lake Re	82.50	8	P	P	P	P	17 30 37.3 +1.1
TOLK	baz=340,SNR=65			S	S	S	S	17 40 51.7 -0.2
F17K	Baldwin Pennin	82.56	13	I	Amb	I	Amb	17 30 45.5
F17K	comp=Z,53nm,1.2s			P	P	P	P	17 30 37.2 +0.8
F17K	Baldwin Pennin	82.56	13	P	P	P	P	17 40 53.7 +1.4
F17K	baz=329,SNR=9.6			S	S	S	S	17 40 53.7 +1.4
E22K	Anaktuvuk Pass	82.68	9	I	Amb	I	Amb	17 30 39.4
E22K	comp=Z,105nm,1.5s			P	P	P	P	17 30 38.0 +0.9
E22K	Anaktuvuk Pass	82.68	9	P	P	P	P	17 40 54.3 +0.6
E22K	baz=338,SNR=55			S	S	S	S	17 30 37.5 -0.2
MEEK	Meekatharra	82.69	125	P	P	P	P	17 30 37.0 -0.7
MEEK	comp=Z,24m,1.1s			P	P	P	P	17 30 37.8 +0.5
F18K	Selawik	82.74	13	P	P	P	P	17 40 54.8 +0.7
F18K	baz=331,SNR=49			S	S	S	S	17 30 41.5
D27M	Malcolm River	82.82	5	I	Amb	I	Amb	17 30 39.1 +1.3
D27M	comp=Z,50m,1.2s			S	S	S	S	17 40 55.2 +0.1
D27M	Malcolm River	82.82	5	P	P	P	P	17 30 41.1
D27M	baz=347			I	A	M	S	18 13 40.7
F19K	Shalerucik Mo	82.89	12	I	Amb	I	Amb	17 30 38.0 -0.1
F19K	comp=Z,2j,2m,20.0s			P	P	P	P	17 40 54.3 -1.4
F19K	Shalerucik Mo	82.89	12	P	P	P	P	17 30 39.1 +1.0
F19K	baz=332,SNR=55			S	S	S	S	17 30 43.2
D28M	Stokes Point	82.90	4	P	P	P	P	17 30 39.1 +1.0
D28M	baz=341			I	A	M	S	18 13 31.8
E23K	Chandalar	83.05	9	I	Amb	I	Amb	17 30 40.3 +1.2
E23K	comp=Z,77m,1.1s			S	S	S	S	17 40 57.7 +0.1
E23K	Chandalar	83.05	9	P	P	P	P	17 30 39.3 +0.3
E23K	baz=340,SNR=76			S	S	S	S	17 40 56.5 -1.0
F20K	Avaraak Lake	83.06	11	I	Amb	I	Amb	17 30 39.6 -0.1
F20K	comp=Z,44m,1.0s			P	P	P	P	17 30 41.0 +1.3
F20K	Avaraak Lake	83.06	11	P	P	P	P	17 40 59.0 +0.2
F20K	baz=334			S	S	S	S	17 30 40.4 +0.7
E24K	Your Creek	83.18	8	P	P	P	P	17 40 59.3 +0.5
E24K	comp=Z,2j,2m,21.0s			P	P	P	P	17 30 40.9 +1.0
E24K	Your Creek	83.18	8	P	P	P	P	17 40 59.9 +0.7
E24K	baz=341,SNR=102			S	S	S	S	17 30 40.2 0.0
G15K	Niukuk	83.19	15	P	P	P	P	17 30 41.9 +1.9
G15K	comp=Z,37,SNR=8.5			S	S	S	S	17 40 41.4 +1.4
G16K	Koyuk River	83.23	14	P	P	P	P	17 30 39.9 -0.1
G16K	baz=329,SNR=13			S	S	S	S	17 40 59.2 -0.2
G16K	Schefferville	83.23	330	P	P	P	P	17 30 44.9
SCHO	Schefferville	83.23	330	P	P	P	P	17 30 40.2 0.0
SCHO	comp=Z,111nm,1.0s,baz=49,slow=4.7,SNR=48			LR	LR	LR	LR	18 10 59.1
SCHO	comp=Z,977nm,18.6s,baz=50,slow=38			LR	LR	LR	LR	17 30 41.9 +1.9
SCHO	comp=Z,111nm,1.0s			P	P	P	P	17 30 41.4 +1.4
ANM	Nome	83.23	16	P	P	P	P	17 30 39.9 -0.1
ANM	Nome	83.23	16	P	P	P	P	17 40 59.2 -0.2
C36M	Paulatuk	83.27	359	P	P	P	P	17 30 44.9
C36M	baz=2.2,SNR=9.7			S	S	S	S	17 40 59.2 -0.2
F21K	Alatna River	83.27	10	I	Amb	I	Amb	17 30 44.9
F21K	comp=Z,78m,1.1s			I	A	M	S	18 11 48.7
F21K	Alatna River	83.27	10	P	P	P	P	17 30 41.1 +1.0
F21K	baz=336,SNR=91			S	S	S	S	17 41 00.1 +0.4
FITZ	Fitzroy Crossi	83.39	114	P	P	P	P	17 30 41.3 -0.2
FITZ	comp=Z,38nm,0.6s,baz=302,slow=4.6,SNR=46			LR	LR	LR	LR	18 10 15.4
FITZ	comp=Z,424nm,18.1s,baz=317,slow=38			LR	LR	LR	LR	17 30 41.2 -0.2
E25K	Arctic Village	83.47	7	I	A	M	S	18 11 25.1
E25K	comp=Z,3j,2m,22.0s			P	P	P	P	17 30 42.3 +1.1
E25K	Arctic Village	83.47	7	P	P	P	P	17 41 01.4 -0.4
E25K	baz=343,SNR=120			S	S	S	S	17 30 41.9 +0.5
G17K	Kiwalik Mouta	83.50	14	P	P	P	P	17 41 02.0 0.0
G17K	baz=330,SNR=17			S	S	S	S	17 30 44.0
E28M	Babbage River	83.55	5	I	Amb	I	Amb	17 30 42.5 +0.9
E28M	comp=Z,61m,1.4s			S	S	S	S	17 41 02.0 -0.5
E28M	Babbage River	83.55	5	P	P	P	P	17 30 44.3
E28M	baz=348,SNR=26			S	S	S	S	17 30 41.8 +0.2
G18K	Tagagawik	83.56	13	P	P	P	P	17 30 41.8 -1.8
G18K	comp=Z,55nm,1.1s			S	S	S	S	17 41 00.8 -1.8
G18K	Tagagawik	83.56	13	P	P	P	P	17 30 42.7 +0.6
G18K	baz=332,SNR=29			S	S	S	S	17 41 02.0 -1.3
G19K	Purcell Mouta	83.63	12	I	Amb	I	Amb	17 30 42.6 -0.2
G19K	comp=Z,75m,1.0s			I	A	M	S	18 12 07.3
G19K	Purcell Mouta	83.63	12	P	P	P	P	17 30 42.7 +0.6
G19K	baz=333,SNR=65			S	S	S	S	17 41 02.0 -1.3
BLDU	Ballidu	83.69	129	P	P	P	P	17 30 42.6 -0.2

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BLDU	Ballidu	83.69	129	P	P	P	P	17 30 42.1 -0.7
F24K	Squaw Lake	83.78	8	I	Amb	I	Amb	17 30 45.7
F24K	comp=Z,92m,1.6s			P	P	P	P	17 30 44.2 +1.4
F24K	Squaw Lake	83.78	8	P	P	P	P	17 41 04.7 -0.2
F24K	baz=341,SNR=34			S	S	S	S	17 30 44.0 +1.1
E27K	Coleen River	83.80	6	P	P	P	P	17 30 44.5 +0.5
E27K	comp=Z,347,SNR=56			S	S	S	S	17 30 43.9 +0.9
G22K	Bettles	83.85	10	P	P	P	P	17 41 05.2 +0.2
G22K	baz=347			S	S	S	S	17 30 45.5
E29M	Blow River	83.88	4	I	Amb	I	Amb	17 30 44.1 +0.9
E29M	comp=Z,76m,1.3s			P	P	P	P	17 41 04.5 -0.8
E29M	Blow River	83.88	4	P	P	P	P	17 30 44.2 +0.8
E29M	baz=350,SNR=34			S	S	S	S	17 41 05.5 0.0
H16K	Elim	83.90	15	P	P	P	P	17 30 37.9
H16K	comp=Z,329,SNR=8.1			S	S	S	S	17 30 46.7 +1.6
G21K	Allakaket	83.91	11	I	Amb	I	Amb	17 30 43.8 +0.4
G21K	comp=Z,82m,1.2s			I	A	M	S	18 10 56.7
G21K	Allakaket	83.91	11	P	P	P	P	17 41 04.7 -0.9
G21K	baz=336			S	S	S	S	17 30 50.2
F25K	Christian River	83.97	7	I	Amb	I	Amb	17 30 45.1 +1.2
F25K	comp=Z,2j,2m,21.0s			I	A	M	S	18 11 42.3
F25K	Christian River	83.97	7	P	P	P	P	17 41 06.3 +0.2
F25K	baz=343,SNR=62			S	S	S	S	18 14 42.0
F26K	Sheenjek River	84.04	7	I	A	M	S	18 14 42.0
F26K	comp=Z,2j,19.0s			P	P	P	P	17 30 45.3 +1.2
F26K	Sheenjek River	84.04	7	P	P	P	P	17 41 06.4 0.0
F26K	baz=344,SNR=31			S	S	S	S	17 30 46.7 +1.6
BAKI	Blak	84.06	94	P	P	P	P	17 30 43.9 -0.7
BAKI	comp=Z,1j,10m,comp=Z,92m,1.1s			P	P	P	P	17 30 45.2 +0.5
H17K	Granite Mouta	84.14	14	P	P	P	P	17 41 06.7 -0.4
H17K	Granite Mouta	84.14	14	P	P	P	P	17 30 45.1 -0.1
H17K	baz=331,SNR=19			S	S	S	S	17 30 45.0 -0.2
H17K	Mundaring	84.17	131	P	P	P	P	17 30 45.0 -0.2
H17K	comp=Z,42m,1.3s			LR	LR	LR	LR	18 16 23.7
MUN	Mundaring	84.17	131	P	P	P	P	17 30 50.9
MUN	comp=Z,971nm,18.7s,baz=10,slow=42			I	A	M	S	17 30 45.4 +0.6
INK	Inuvik	84.19	3	I	Amb	I	Amb	17 41 04.8 -2.4
INK	comp=Z,126m,1.8s			P	P	P	P	17 30 51.3
INK	Inuvik	84.19	3	P	P	P	P	18 13 19.9
INK	baz=354,SNR=29			S	S	S	S	17 30 46.4 +1.1
G23K	Bananza Creek	84.26	9	I	Amb	I	Amb	17 30 45.8 +0.5
G23K	comp=Z,84m,1.2s			I	A	M	S	17 41 07.1 -0.8
G23K	Bananza Creek	84.26	9	P	P	P	P	17 30 50.8
G23K	baz=339,							

J25K	baz=343,SNR=107	S	S	17 41 36.5 +1.0	N15K	baz=339	88.28	16	Iamb	Iamb	17 31 13.7	O17K	baz=333	S	S	17 42 01.0 +2.0				
L17K	baz=343	86.96	14	P	P	17 30 59.6 +0.9	N15K	88.28	16	P	P	17 31 06.3 +1.2	D62A	baz=333	89.34	325	Iamb	Iamb	17 31 12.1	
L17K	comp=Z,3um,21.0s	S	S	17 41 38.6 +2.3	N15K	baz=332,SNR=32					17 31 50.1 +1.1	WRGLY	comp=Z,45nm,1.2s	89.40	359	P	P	17 31 11.6 +1.4		
CAST	baz=332	87.01	11	IAMs_20	IAMs_20	18 14 42.6	GENI	baz=331	88.30	94	P	P	17 31 06.6 +0.6	WRGLY	comp=Z,8,SNR=12	S	S	17 42 00.2 +0.8		
CAST	comp=Z,3um,21.0s	87.01	11	P	P	17 30 59.6 +0.6	GENI	comp=Z,1um,comp=Z,145nm,1.2s	88.30	94	P	P	17 31 06.7 +1.4	M27K	baz=2.8	89.47	7	Iamb	Iamb	17 31 16.7
CAST	baz=338,SNR=147	S	S	17 41 36.5 -0.3	N16K	Nishlik Lake	88.33	15	P	P	17 31 06.7 +1.4	M27K	Edge Creek, AK	89.47	7	P	P	17 31 11.9 +1.0		
L16K	baz=338	87.07	15	P	P	17 31 00.3 +1.0	N16K	baz=332,SNR=15	S	S	17 41 50.4 +0.9	M27K	Edge Creek, AK	89.47	7	P	P	17 31 16.7		
L16K	Owhat River	87.07	15	P	P	17 31 39.5 +2.1	K29M	Barlow Dome	88.41	5	Iamb	Iamb	17 31 12.8	KNK	baz=346	89.49	10	Iamb	Iamb	17 31 16.0
I30M	baz=331	87.12	4	P	P	17 30 59.9 +0.3	K29M	comp=Z,25nm,0.9s			IAMs_20	IAMs_20	18 17 17.4	KNK	comp=Z,62nm,1.5s	IAMs_20	IAMs_20	18 16 59.2		
I30M	Mount Dempster	87.12	4	P	P	17 31 37.0 -1.0	K29M	comp=Z,2um,22.0s	88.41	5	P	P	17 31 06.4 +0.6	KNK	comp=Z,2um,20.0s	89.49	10	P	P	17 31 11.5 +0.7
AUAL	baz=351	87.12	132	P	P	17 31 01.2 +1.4	PAX	Barlow Dome	88.44	9	IAMs_20	IAMs_20	18 17 50.4	KNK	Knik Glacier	89.49	10	P	P	17 42 02.0 +1.5
MCK	St Joseph's Co	87.22	10	IAMs_20	IAMs_20	18 16 23.3	PAX	baz=350	88.44	9	P	P	17 31 06.1 +0.2	KNK	Knik Glacier	89.49	10	P	P	17 42 02.0 +1.5
MCK	McKinley	87.22	10	IAMs_20	IAMs_20	18 16 23.3	PAX	comp=Z,1um,19.0s	88.44	9	P	P	17 31 06.1 +0.2	BVCY	baz=341	89.52	7	P	P	17 31 12.0 +1.1
MCK	comp=Z,3um,19.0s	87.22	10	P	P	17 30 59.7 -0.3	PAX	baz=343,SNR=12	S	S	17 41 51.5 +0.8	BVCY	Beaver Creek	89.52	7	P	P	17 42 02.1 +1.4		
MCK	McKinley	87.22	10	P	P	17 31 00.0 0.0	PAX	comp=Z,3um,19.0s	88.44	11	P	P	17 31 05.6 -0.3	O19K	Port Alsworth	89.56	13	P	P	17 42 11.2 +0.2
MCK	comp=Z,159nm,1.2s	87.22	10	P	P	17 31 00.0 0.0	SKT	Skwentna	88.44	11	P	P	17 41 51.2 +0.6	O19K	baz=336	S	S	17 42 02.0 +1.0		
MCK	baz=340,SNR=48	S	S	17 41 38.6 -0.3	SKT	McKinley	88.44	11	P	P	17 31 06.2 -0.1	RC01	Rabbit Creek A	89.59	11	Iamb	Iamb	17 31 14.4		
L18K	Granite Mounta	87.23	14	Iamb	Iamb	17 31 05.6	SKT	comp=Z,3um,19.0s	88.50	10	P	P	17 31 06.2 -0.1	RC01	Rabbit Creek A	89.59	11	P	P	17 31 11.6 +0.3
L18K	Granite Mounta	87.23	14	P	P	17 31 00.9 +0.9	SKT	baz=341,SNR=42	S	S	17 41 50.5 -0.9	RC01	Rabbit Creek A	89.59	11	P	P	17 31 11.6 +0.3		
L18K	baz=334	87.23	14	P	P	17 31 39.6 +0.7	SKT	baz=341	88.64	15	Iamb	Iamb	17 31 12.7	RC01	Rabbit Creek A	89.59	11	P	P	17 42 01.8 +0.5
M13K	Dall Lake	87.24	17	P	P	17 31 01.4 +1.4	N17K	Nushagak Hills	88.64	15	P	P	17 31 08.0 +1.2	YKAW3	Yellowknife Wh	89.59	354	Iamb	Iamb	17 31 13.2
M13K	baz=328	S	S	17 41 39.6 +0.7	N17K	Nushagak Hills	88.64	15	P	P	17 31 53.5 +1.0	YKA	Yellowknife Ar	89.66	354	P	P	17 31 11.7 +0.2		
TRF	Thorofore Moun	87.28	10	Iamb	Iamb	17 31 16.2	N17K	Log Cabin Wild	88.65	8	Iamb	Iamb	17 31 12.6	YKA	comp=Z,36nm,1.0s, baz=7.1, slow=4.6, SNR=54	PKKpbc	17 48 43.9 -2.1			
TRF	Thorofore Moun	87.28	10	P	P	17 31 00.8 +0.4	L26K	comp=Z,61nm,1.5s			IAMs_20	IAMs_20	18 17 53.9	YKA	comp=Z,0.2nm,0.4s, baz=177, slow=3.6, SNR=47	LR	18 18 06.0			
TRF	baz=339	S	S	17 41 39.8 +0.1	L26K	comp=Z,2um,19.0s	88.65	8	P	P	17 31 07.4 +0.6	YKAW1	Yellowknife Wh	89.66	354	Iamb	Iamb	17 31 16.8		
M14K	Bethel	87.31	17	P	P	17 31 01.4 +1.0	L26K	Log Cabin Wild	88.65	8	P	P	17 41 52.8 +0.3	O18K	Koktuh Hills	89.68	14	Iamb	Iamb	17 31 14.9
M14K	baz=329,SNR=17	S	S	17 41 41.3 +1.7	MENT	Mentasta	88.69	8	P	P	17 31 07.7 +0.7	O18K	comp=Z,40nm,1.0s	IAMs_20	IAMs_20	18 18 12.3				
PPLA	Purkeypile	87.48	11	Iamb	Iamb	17 31 06.1	MENT	comp=Z,66nm,1.5s	88.74	93	P	P	17 31 08.1 0.0	O18K	comp=Z,2um,20.0s	89.68	14	P	P	17 31 12.5 +0.8
PPLA	comp=Z,48nm,1.0s	IAMs_20	IAMs_20	18 15 48.0	JAY	Jayapura	88.74	93	P	P	17 31 08.1 0.0	O18K	Koktuh Hills	89.68	14	P	P	17 31 12.5 +0.8		
PPLA	comp=Z,2um,20.0s	87.48	11	P	P	17 31 01.4 0.0	JAY	comp=Z,44nm,1.1s, baz=281, slow=4.6, SNR=13	LR	LR	18 15 08.6	O18K	baz=335,SNR=26	S	S	17 42 01.9 -0.3				
PPLA	baz=338,SNR=23	S	S	17 41 40.1 -1.5	JAY	Jayapura	88.74	93	P	P	17 31 08.6 +0.5	M29M	Somme Creek	89.71	5	P	P	17 31 12.7 +0.8		
RND	Reindeer	87.55	10	IAMs_20	IAMs_20	18 16 52.7	JAY	comp=Z,182nm,19.9s, baz=315, slow=38	LR	LR	18 15 08.6	M29M	minto, Yukon	89.71	5	P	P	17 42 03.0 +0.3		
L19K	White Mountain	87.64	13	P	P	17 41 02.7 +0.7	O14K	comp=Z,44nm,1.1s	88.78	17	Iamb	Iamb	17 31 09.9	M30M	baz=351	S	S	17 42 02.4 -0.2		
L19K	baz=335,SNR=71	S	S	17 41 44.1 +1.2	O14K	Beaver Creek	88.78	7	Iamb	Iamb	17 31 13.4	FCC	Fort Churchill	89.77	344	P	P	17 31 11.6 -0.4		
SCRK	Sand Creek	87.65	8	IAMs_20	IAMs_20	18 14 18.5	L27K	Beaver Creek	88.78	7	P	P	17 31 08.3 +0.9	FCC	comp=Z,46nm,1.4s	Iamb	Iamb	17 31 11.6 -0.4		
SCRK	comp=Z,2um,20.0s	87.65	8	P	P	17 31 03.0 +0.8	L27K	Beaver Creek	88.78	7	P	P	17 41 54.4 +0.6	FCC	Fort Churchill	89.77	344	P	P	17 31 11.6 -0.4
SCRK	baz=345	S	S	17 41 42.9 -0.3	BCAR	Beaver Creek A	88.78	7	P	P	17 31 07.4 -0.1	P16K	Nushagak Hills	89.79	16	P	P	17 31 13.2 +1.0		
BATG	Bathurst New B	87.66	324	Iamb	Iamb	17 31 05.1	N18K	Kilae Creek	88.79	14	Iamb	Iamb	17 31 13.3	P16K	baz=332	S	S	17 42 03.8 +0.6		
M15K	Kasigluk River	87.67	16	P	P	17 31 03.1 +1.0	N18K	comp=Z,73nm,1.6s			IAMs_20	IAMs_20	18 16 01.7	G65A	Princeton	89.80	323	IAMs_20	IAMs_20	18 14 40.3
M15K	baz=330	S	S	17 41 43.7 +0.5	N18K	comp=Z,2um,20.0s	88.79	14	P	P	17 31 08.1 +0.7	KLU	Klutina	89.80	9	IAMs_20	IAMs_20	18 17 55.3		
KMBL	Kambalda	87.73	127	P	P	17 31 02.7 -0.2	N18K	Kilae Creek	88.79	14	P	P	17 41 55.1 +1.3	KLU	comp=Z,2um,20.0s	89.80	9	P	P	17 31 13.2 +0.9
J29N	Klondike Camp	87.75	5	Iamb	Iamb	17 31 08.2	N18K	baz=334,SNR=17	S	S	17 41 55.1 +1.3	KLU	baz=343,SNR=26	S	S	17 42 03.7 +0.3				
J29N	comp=Z,71nm,1.1s	IAMs_20	IAMs_20	18 17 08.1	M22K	Willow	88.80	11	P	P	17 31 07.6 -0.3	LDAQ	Lac Daran	89.84	326	Iamb	Iamb	17 31 14.9		
J29N	comp=Z,2um,21.0s	87.75	5	P	P	17 31 03.5 +0.9	M22K	baz=339	S	S	17 41 54.7 -0.1	N25K	Chitina, Valde	89.87	9	P	P	17 31 13.0 +0.3		
J29N	baz=350	S	S	17 41 44.3 +0.3	N19K	Bonanza Creek	88.86	13	Iamb	Iamb	17 31 13.4	N25K	baz=344	S	S	17 42 04.4 +0.3				
J30M	Hart River	87.76	4	Iamb	Iamb	17 31 04.8	N19K	comp=Z,2um,22.0s	88.86	13	P	P	17 31 59.2 +1.0	MMPY	Sheldon Lake	89.97	2	P	P	17 31 14.3 +1.3
J30M	comp=Z,73nm,1.4s	87.76	4	P	P	17 31 03.4 +0.7	N19K	Bonanza Creek	88.86	13	P	P	17 31 59.2 +1.0	MMPY	baz=356,SNR=12	S	S	17 42 03.9 -1.0		
J30M	baz=351,SNR=49	S	S	17 41 43.7 -0.5	HARP	HAARP	89.03	9	P	P	17 31 09.6 +0.9	ILSW	Iliamna Southw	89.99	13	P	P	17 31 12.1 -1.2		
RIDG	Independent Ri	87.78	8	Iamb	Iamb	17 31 07.5	HARP	baz=344	S	S	17 41 55.3 -0.8	O20K	Slope Mountain	89.99	13	P	P	17 31 13.0 -0.3		
RIDG	comp=Z,64nm,1.2s	IAMs_20	IAMs_20	18 16 26.9	RIDG	Independent Ri	87.78	8	P	P	17 31 02.9 +0.2	O20K	baz=337	S	S	17 42 05.4 0.0				
RIDG	comp=Z,2um,20.0s	87.78	8	P	P	17 41 44.5 +0.2	RIDG	Independent Ri	87.78	8	P	P	17 31 02.9 +0.2	P17K	Kvichak River	90.00	15	P	P	17 31 14.2 +1.1
RIDG	baz=344,SNR=26	S	S	17 41 44.5 +0.2	RIDG	Independent Ri	87.78	8	P	P	17 31 02.9 +0.2	P17K	comp=Z,334,SNR=17	S	S	17 42 06.4 +1.2				
M16K	Timber Creek	87.80	15	Iamb	Iamb	17 31 08.0	RIDG	Independent Ri	87.78	8	P	P	17 31 02.9 +0.2	P17K	SLKM	90.05	11	Iamb	Iamb	17 31 14.8
M16K	comp=Z,36nm,1.0s	87.80	15	P	P	17 31 04.0 +1.2	RIDG	Independent Ri	87.78	8	P	P	17 31 02.9 +0.2	SLKM	comp=Z,45nm,1.3s	IAMs_20	IAMs_20	18 14 21.9		
M16K	baz=332	S	S	17 41 45.2 +0.8	M16K	Timber Creek	87.80	15	P	P	17 31 09.7 +0.8	EMMW	East Machias	90.06	322	IAMs_20	IAMs_20	18 14 04.2		
M17K	Hollina River	87.80	14	P	P	17 31 04.0 +1.3	M16K	comp=Z,350,SNR=26	S	S	17 41 57.1 +0.5	P18K	Big Mountain	90.09	14	P	P	17 31 13.5 -0.2		
M17K	baz=333,SNR=48	S	S	17 41 45.6 +1.1	M16K	baz=332	S	S	17 41 45.2 +0.8	P18K	baz=335	S	S	17 42 07.1 +1.0						
K27K	Chick	87.81	7	IAMs_20	IAMs_20	18 15 22.8	M17K	baz=332	87.80	14	P	P	17 31 04.0 +1.3	GLB	Gilahina Butte	90.13	8	IAMs_20	IAMs_20	18 18 57.0
SPIA	Saint Paul Isl	87.84	22	S	S	17 41 45.5 +0.7	K27K	comp=Z,3um,20.0s	87.81	7	IAMs_20	IAMs_20	18 15 22.8	O22K	Cooper Landing	90.16	11	IAMs_20	IAMs	

BRSE	Bradley Lake S	90.67	12	P	P	17 31 16.2	-0.1
BRSE	baz=339,SNR=8.9						
BRSE				S	S	17 42 11.9	+0.5
BRWV	Burwash Landin	90.72	6	P	P	17 31 17.2	+0.6
BRWV	baz=349						
EYAK	Cordova Ski Ar	90.73	9	P	P	17 31 17.8	+1.3
EYAK	Cordova Ski Ar	90.73	9	P	P	17 31 17.5	+1.0
EYAK	baz=343,SNR=8.4						
YUK8	Steele Glacier	90.74	6	P	P	17 31 17.4	+0.4
YUK8	baz=348						
BARN	Barnard Glacier	90.76	7	Iamb	Iamb	17 31 22.5	
BARN	comp=Z,41nm,1.3s						
HIN	Hinchinbrook	90.76	10	IAMS_20	IAMS_20	18 19 19.8	
HIN	comp=Z,2um,19.0s						
YUK4	Talbot Arm	90.78	6	P	P	17 31 17.5	+0.5
YUK4	baz=349,SNR=14						
N30M	Aishkik Lake	90.80	5	P	P	17 31 17.3	+0.4
N30M	baz=351						
N30M				S	S	17 42 13.6	+1.0
Q18K	Katmai Hardscr	90.82	14	P	P	17 31 17.1	0.0
Q18K	baz=335,SNR=12						
Q18K				S	S	17 42 13.7	+0.7
Q19K	Cape Douglas,	90.86	14	IAMS_20	IAMS_20	18 16 08.4	
Q19K	comp=Z,2um,21.0s						
Q19K	Cape Douglas,	90.86	14	P	P	17 31 17.1	-0.1
Q19K	baz=336						
N31M	Braeburn, Yuko	90.87	4	P	P	17 31 17.6	+0.3
N31M	baz=352,SNR=5.4						
CRQM	Cirque	90.88	8	IAMS_20	IAMS_20	18 19 20.0	
CRQM	comp=Z,2um,20.0s						
CRQE	Cirque	90.89	8	P	P	17 31 17.8	+0.4
CRQE	baz=345,SNR=12						
TGL	Tana Glacier	90.92	8	IAMS_20	IAMS_20	18 16 15.9	
TGL	comp=Z,2um,20.0s						
Q17K	Contact Creek	90.97	15	P	P	17 31 17.8	0.0
Q17K	baz=334						
P23K	Montague Islan	91.00	10	Iamb	Iamb	17 31 19.9	
P23K	comp=Z,51nm,1.4s						
P23K				IAMS_20	IAMS_20	18 17 55.2	
P23K	comp=Z,2um,20.0s						
P23K	Montague Islan	91.00	10	P	P	17 31 18.8	+0.8
P23K	baz=342,SNR=6.4						
P23K				S	S	17 42 13.9	-0.5
RAGM	Ragged Mountai	91.03	9	Iamb	Iamb	17 31 23.9	
RAGM	comp=Z,64nm,1.2s						
LOGN	Logan Glacier	91.06	7	Iamb	Iamb	17 31 23.1	
LOGN	comp=Z,48nm,1.0s						
GRNC	Granite Creek	91.07	7	Iamb	Iamb	17 31 22.2	
GRNC	comp=Z,37nm,1.2s						
TGNT	Hyland Airport	91.13	1	P	P	17 31 19.5	+1.1
TGNT	baz=358						
BERG	Berg Lake	91.16	8	Iamb	Iamb	17 31 24.2	
BERG	comp=Z,55nm,1.3s						
BERG				IAMS_20	IAMS_20	18 18 11.2	
R16K	Pilot Point	91.19	16	P	P	17 31 19.1	+0.4
R16K	comp=Z,2um,20.0s						
R16K	baz=333						
O28M	Mount Upton	91.20	7	IAMS_20	IAMS_20	18 19 00.2	
O28M	comp=Z,2um,20.0s						
O28M	Mount Upton	91.20	7	P	P	17 31 19.9	+0.8
O28M	baz=348						
YUK6	Outpost Mounta	91.20	6	P	P	17 31 19.8	+0.7
YUK6	baz=350						
G62A	West of Eustis	91.35	324	IAMS_20	IAMS_20	18 19 15.4	
G62A	comp=Z,1um,18.0s						
N32M	Quiet Lake	91.36	3	P	P	17 31 19.7	+0.1
N32M	baz=354						
WBO	Warramunga Arr	91.38	112	P	P	17 31 17.9	-2.3
WBO	Warramunga Arr			Iamb	Iamb	17 31 24.1	
WBO	comp=Z,56nm,1.4s						
HYT	Haines Junctio	91.39	5	Iamb	Iamb	17 31 23.4	
HYT	comp=Z,34nm,1.0s						
HYT	Haines Junctio	91.39	5	P	P	17 31 20.9	+1.1
HYT	baz=350,SNR=25						
WRA	Warramunga Arr	91.42	112	P	P	17 31 20.2	-0.2
WRA	comp=Z,14nm,0.8s, baz=315,slow=4.0,SNR=64						
WRA				PKKpbc	PKKpbc	17 48 39.1	+0.5
WRA	comp=Z,1.3nm,0.4s, baz=115,slow=2.4,SNR=13						
WRA				PKKpbc	PKKpbc	17 56 49.9	-0.9
WRA	comp=Z,1.4nm,1.1s, baz=142,slow=2.1,SNR=4.6						
WRA	comp=Z,1.4nm,0.8s						
WRAB	Tennant Creek	91.42	112	P	P	17 31 20.4	0.0
WRAB	Tennant Creek	91.42	112	P	P	17 31 19.6	-0.8
WRAB	comp=Z,24nm,0.9s						
WRAB	Tennant Creek	91.42	112	P	P	17 31 19.7	-0.7
WRAB	comp=Z,33nm,0.9s						
WRAB				MLR	MLR		
R17L	Mt. Peulik Vol	91.43	16	P	P	17 31 20.4	+0.5
R17L	baz=334						
BGLC	Bering Glacier	91.48	8	P	P	17 31 21.1	+1.1
BGLC	baz=345						
KAIM	Kayak Island	91.51	9	Iamb	Iamb	17 31 24.1	
KAIM	comp=Z,42nm,1.1s						
KAIM				IAMS_20	IAMS_20	18 16 18.6	
KAIM	comp=Z,2um,20.0s						
KAIM	Kayak Island	91.51	9	P	P	17 31 21.1	+0.9
KAIM	baz=344						
O30N	Mendenhall	91.56	5	P	P	17 31 20.6	+0.1
O30N	baz=352,SNR=6.1						
WR8	Warramunga Arr	91.56	112	Iamb	Iamb	17 31 24.7	
WR8	comp=Z,56nm,1.6s						
MESA	MESA	91.58	8	Iamb	Iamb	17 31 25.9	
MESA	comp=Z,55nm,1.2s						
MESA				IAMS_20	IAMS_20	18 18 58.5	
MESA	comp=Z,2um,20.0s						
MESA	MESA	91.58	8	P	P	17 31 21.9	+1.1
MESA	baz=346,SNR=8.7						
Q23K	Middleton Isla	91.71	10	P	P	17 31 22.2	+1.2
Q23K	baz=343						
MID	Middleton Isla	91.72	10	IAMS_20	IAMS_20	18 17 58.9	
MID	comp=Z,2um,18.0s						
WHY	Whitehorse	91.75	4	P	P	17 31 21.0	-0.4
WHY	baz=353						
NBPV	Pedro Velho	91.81	264	eP	eP	17 31 24.4	+2.1
NBPV	Mount Kennedy	91.82	6	P	P	17 31 22.0	+0.3
O29M	Mount Kennedy						
PCA	Pinnacle	91.85	7	Iamb	Iamb	17 31 27.6	
PCA	comp=Z,61nm,1.3s						
PCA				IAMS_20	IAMS_20	18 19 29.6	
PINM	Pinnacle	91.85	7	P	P	17 31 22.4	+0.6
PINM	baz=348,SNR=7.7						
FORT	Forrest	91.88	124	P	P	17 31 21.2	-1.1
FORT				Iamb	Iamb	17 31 26.5	
FORT							
FALS	False Pass	91.94	20	P	P	17 31 22.2	0.0
FALS	comp=Z,35nm,1.0s						
RCBR	Riachuelo	92.08	265	P	P	17 31 24.1	+0.5
RCBR	comp=Z,55nm,1.4s						
RCBR	Riachuelo	92.08	265	P	P	17 31 24.2	+0.5
RCBR	comp=Z,55nm,1.4s						
RCBR				pmax	pmax		
RCBR	comp=Z,2um,20.0s						
RCBR	Riachuelo	92.08	265	eP	eP	17 31 24.0	+0.3
CHGN	Chignik	92.11	17	P	P	17 31 22.1	-0.9
CHGN	baz=332						
H62A	Milan	92.12	324	IAMS_20	IAMS_20	18 17 32.6	
H62A	comp=Z,1um,18.0s						
P30M	Million Dollar	92.13	5	P	P	17 31 23.4	+0.2
P30M	baz=351						
KDAK	Kodiak Island	92.13	14	LR	LR	18 16 58.2	
KDAK	comp=Z,3um,21.9s, baz=332,slow=38						
KDAK	Kodiak Island	92.13	14	P	P	17 31 23.2	+0.1
KDAK	comp=Z,24nm,1.3s						
KDAK				pmax	pmax	17 31 23.2	+0.1
KDAK	comp=Z,67nm,1.0s						
KDAK				MLR	MLR		
KDAK	comp=Z,2um,20.0s						
KDAK	Kodiak Island	92.13	14	P	P	17 31 23.6	+0.6
KDAK	baz=337						
P33M	Teslin, Yukon	92.31	3	P	P	17 31 24.3	+0.3
P33M	baz=354,SNR=10						
SDPT	Sand Point	92.38	19	P	P	17 31 24.8	+0.5
SDPT	baz=330						
OHAK	Old Harbor	92.50	14	P	P	17 31 25.6	+0.8
OHAK	comp=Z,34nm,1.0s						
OHAK	Old Harbor	92.50	14	Iamb	Iamb	17 31 31.6	
OHAK	comp=Z,34nm,1.0s						
OHAK	Old Harbor	92.50	14	P	P	17 31 25.2	+0.4

KOTAN	Kotaneleele Air	92.52	359	P	P	17 31 25.2	+0.4
KOTAN	baz=22						
WTLY	Watson Lake, Y	92.54	1	P	P	17 31 25.1	+0.1
WTLY	baz=359						
P29M	Windy Craggy	92.55	6	P	P	17 31 25.3	+0.3
P29M	comp=Z,2um,21.1s, baz=24,slow=37						
VLD0	Val d'Or	92.66	330	Iamb	Iamb	17 31 30.6	
VLD0	comp=Z,11nm,1.2s						
I62A	Tamworth	92.69	324	IAMS_20	IAMS_20	18 16 09.8	
I62A	comp=Z,1um,19.0s						
PLBC	Pleasant Camp	92.84	5	P	P	17 31 27.0	+0.7
PLBC	baz=351,SNR=7.7						
ALUB	Alaska	92.84	115	P	P	17 31 26.9	-0.1
ALUB	comp=Z,1um,19.0s						
ASAR	Allice Springs	92.85	115	P	P	17 31 26.4	-0.7
ASAR	comp=Z,16nm,0.9s, baz=303,slow=4.6,SNR=117						
ASAR				PKKpbc	PKKpbc	17 48 36.4	+0.1
ASAR	comp=Z,1.5nm,0.8s, baz=122,slow=3.7,SNR=6.2						
ASAR				LR	LR	18 16 41.1	
ASAR	comp=Z,420nm,18.6s, baz=292,slow=38						
ASAR	comp=Z,16nm,0.9s						
ASAR	Allice Springs	92.85	115	P	P	17 31 25.6	-1.4
ASAR	comp=Z,1um,19.0s						
AS31	Allice Springs	92.85	115	P	PKKpbc	17 31 25.5	-1.6
AS31							
P32M	Atlin	92.88	4	P	P	17 31 26.7	+0.1
P32M	baz=354,SNR=7.3						
AS01	Allice Springs	92.89	115	P	P	17 31 27.0	-0.2
AS01	comp=Z,1um,19.0s						
SII	Sitkinak Islan	92.91	15	P	P	17 31 28.0	+1.3
SII	comp=Z,1um,19.0s						
SII	Sitkinak Islan	92.91	15	Iamb	Iamb	17 31 29.1	
SII	comp=Z,49nm,1.1s						
SII	Sitkinak Islan	92.91	15	P	P	17 31 27.2	+0.5
SII	baz=336,SNR=5.9						
SKAO	Skaguay	92.91	4	P	P	17 31 27.3	+0.7
SKAO	baz=352						
CHNA	Chernabura Isl	93.08	18	P	P	17 31 28.4	+0.9
CHNA	baz=331						
NBPA	Parau PN	93.11	265	eP	eP	17 31 29.9	+1.5
R33M	Jennings River	93.20	2	P	P	17 31 29.0	+0.8
R33M	baz=356,SNR=9.9						
CHIR	Chirikof Islan	93.24	16	P	P		

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include stations like K30B Basset, T47A Sharon Grove, BOZ Bozeman, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include stations like NVAR Mina Array Bea, NVAR Mina Array Bea, WELL Weller Preserv, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include stations like IDC 09:17:28.03, IDC 09:17:28.03, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include stations like OMAN 09:17:43.28, OMAN 09:17:43.28, etc.

9d 18h

Table of astronomical observations for 9d 18h, listing station names, coordinates, and observation details.

2020 JUN

Main table of astronomical observations for 2020 JUN, listing station names, coordinates, and observation details.

526

Table of astronomical observations for 526, listing station names, coordinates, and observation details.

CTA	Charters Tower	14.92 177	P	P	18 21 58.4	-2.6
CTA	Charters Tower	14.92 177	S	Sn	18 24 39.9	-1.2
CTAO	Charters Tower	14.92 177	Pn	Pn	18 21 57.0	+0.1
HNR	Honiara	14.97 7.0	P	P	18 21 59.1	-2.6
HNR	Honiara	14.97 7.0	P	P	18 22 09.4	+7.8
HNR	Honiara	14.97 7.0	Pn	Pn	18 21 57.7	+0.1
MTN	Mananton Dam	16.12 241	P	P	18 22 11.5	-0.7
MTN	Mananton Dam	16.12 241	I	Amb	18 22 47.1	
QIS	Mount Isa	15.59 200	P	P	18 22 18.7	+1.3
WBO	Warramunga Arr	18.15 216	I	Amb	18 22 36.1	-0.7
WBO	Warramunga Arr	18.15 216	I	Amb	18 22 41.2	
WR8	Warramunga Arr	18.23 215	P	Pn	18 22 37.9	-0.4
WRAB	Tennant Creek	18.30 215	P	P	18 22 39.6	+0.5
WRAB	Tennant Creek	18.30 215	P	Pn	18 22 38.9	-0.2
WRA	Warramunga Arr	18.32 215	P	P	18 22 39.6	+0.4
WRA	Warramunga Arr	18.32 215	S	Sn	18 25 58.2	-5.1
NLAI	Namlea	18.43 275	P	Pn	18 22 42.0	+1.3
TNTI	Ternate	19.02 287	P	P	18 22 51.2	+3.5
TNTI	Ternate	19.02 287	I	Amb	18 22 45.6	-0.8
TNTI	Ternate	19.02 287	I	Amb	18 22 56.6	
KNRA	Kunuruwa	19.50 236	P	Pn	18 22 51.9	+0.3
EIDS	Eidsvold	20.86 166	P	Pn	18 23 08.1	-1.2
EIDS	Eidsvold	20.86 166	I	Amb	18 23 29.2	
SOEI	Soe	21.54 256	P	P	18 23 15.6	+1.8
SOEI	Soe	21.54 256	P	P	18 23 14.2	+0.3
SOEI	Soe	21.54 256	P	P	18 23 16.6	+2.8
AS31	Alice Springs	21.57 210	P	P	18 23 14.5	+0.6
ASAR	Alice Springs	21.57 210	P	P	18 23 14.8	+0.8
ASAR	Alice Springs	21.57 210	S	S	18 27 06.3	-3.4
MNI	Mannad	21.63 287	P	P	18 23 15.8	+1.2
INKA	Innaminka	22.96 191	P	P	18 23 29.3	+0.6
LUWI	Luwuk	23.04 279	P	P	18 23 28.9	-0.7
GTOI	GORONTALO	23.16 284	P	P	18 23 31.0	+0.2
FITZ	Fitzroy Crossi	23.30 235	P	P	18 23 33.4	+1.3
FITZ	Fitzroy Crossi	23.30 235	P	P	18 23 32.0	-0.1
MMRI	Muumers	23.35 260	P	P	18 23 31.0	-1.6
MMRI	Muumers	23.35 260	P	P	18 23 33.0	+0.5
SANVU	Sarautout	23.68 117	P	P	18 23 36.9	+1.3
KKSI	Kolaka, Sulawesi	23.78 132	P	P	18 23 37.7	+1.2
KOUNC	Koumac, New Ca	23.86 271	P	P	18 23 38.8	+1.6
APSI	Ampama	24.16 279	P	P	18 23 38.9	-1.1
WSI	Waingapu	25.38 258	P	P	18 23 51.0	-0.1
TOLIZ	Tolitoli	25.44 283	I	Amb	18 23 50.3	-1.3
TOLIZ	Tolitoli	25.44 283	I	Amb	18 24 11.6	
KAPI	Kappang	26.54 269	P	P	18 23 51.7	-1.7
KAPI	Kappang	26.54 269	I	Amb	18 23 56.6	
ARMA	Armidale	25.84 168	P	P	18 23 57.0	+1.8
ARMA	Armidale	25.84 168	I	Amb	18 23 58.4	
PCI	Palu	25.95 278	P	P	18 23 57.7	+1.5
WBSI	Waikabubak, Su	26.27 259	P	P	18 23 59.6	+0.5
MMSI	Mamuju	26.62 274	P	P	18 24 05.9	+3.6
OUCNC	Ouen Island, N	26.88 132	P	P	18 24 05.0	0.0
STKA	Stephens Creek	26.89 187	P	P	18 24 06.0	+1.5
MBWA	Marble Bar	29.65 235	P	P	18 24 28.0	-1.2
MBWA	Marble Bar	29.65 235	I	Amb	18 25 05.8	
CAN	Canberra	30.25 374	P	P	18 24 36.0	+1.7
CAN	Canberra	30.25 374	I	Amb	18 24 40.3	
FORT	Forrest	30.36 211	P	P	18 24 36.2	+0.8
FORT	Forrest	30.36 211	I	Amb	18 24 38.0	
TGY	Tagaytay City	30.94 308	LR	LR	18 38 30.4	
TOO	Tooolag	32.32 180	P	P	18 24 54.7	+2.1
MGBR	Mount Gambier	32.78 187	P	P	18 24 57.8	+1.2
MSVF	Nonsavu	34.22 114	P	P	18 25 11.3	+1.8
UGM	Wanagama	34.84 264	P	P	18 25 14.2	-0.7
GIRL	Giralia	34.87 237	P	P	18 25 14.9	0.0
JOW	Kunigami	35.85 333	P	P	18 25 21.8	+1.5
YON	Yonaguni jima	36.64 324	P	P	18 25 28.2	+1.8
MORW	Morawa	36.68 226	P	P	18 25 30.9	+0.5
YULB	Yu-li	36.88 321	P	P	18 25 30.7	-1.4
TPUB	Ta-pu	37.23 320	P	P	18 25 33.5	-1.5
SSLB	Suanguang	37.38 321	I	Amb	18 25 35.2	-1.1
SSLB	Suanguang	37.38 321	I	Amb	18 25 40.0	
BBJI	Bungbulang	37.68 264	P	P	18 25 37.4	-1.7
TAU	Tasmania Unive	37.69 178	P	P	18 25 40.2	+1.5
YHNB	Yeheng	37.77 323	P	P	18 25 40.4	+0.7
NWAO	Narrogin (SRO)	38.22 220	P	P	18 25 44.2	+0.9
NWAO	Narrogin (SRO)	38.22 220	P	P	18 25 43.1	-0.2
JHUJ	Mitsune	38.38 352	P	P	18 25 43.4	-1.2
IMNI	Imonaka	40.15 349	P	P	18 25 38.7	+1.3
INU	Inuyama	41.02 349	P	P	18 26 04.4	-2.1
INU	Inuyama	41.02 349	I	Amb	18 26 08.6	
JGF	Kuroka	41.20 350	P	P	18 26 09.9	-1.1
JGF	Kuroka	41.20 350	I	Amb	18 26 25.2	
MJAR	Matsushiro Arr	41.98 351	P	P	18 26 13.4	-0.9
MJAR	Matsushiro Arr	41.98 351	P	P	18 26 12.4	-2.0
MAJO	Matsushiro	41.98 351	I	Amb	18 26 38.3	
MAJO	Matsushiro	41.98 351	I	Amb	18 26 38.3	
MJB9	Matsu-Tunnel	41.99 351	P	P	18 26 12.7	-1.8
MJB9	Matsu-Tunnel	41.99 351	I	Amb	18 26 38.6	
TKNZ	Takaka Hill	43.42 149	P	P	18 26 26.5	+0.5
RTZ	Ruatahuna	43.92 144	P	P	18 26 29.6	-0.6
TUWZ	Tuamanga	44.21 149	P	P	18 26 33.7	+1.3
DCZ	Deep Cove	44.42 158	P	P	18 26 34.0	+0.1
RPZ	Rata Peaks	44.57 154	P	P	18 26 35.7	+0.5
NJ2	Nanjing	44.81 327	eP	eP	18 26 37.2	0.0
NJ2	Nanjing	44.81 327	pm	pm		
WHZ	Wether Hill Ro	45.08 158	P	P	18 26 40.5	+1.3
KSR5	Korea Arry	45.39 340	P	P	18 26 41.4	-0.3
KSR5	Korea Arry	45.39 340	LR	LR	18 46 12.4	
JTM	Tenmabayashi	45.84 355	P	P	18 26 44.7	-0.5
GSI	Gumungitoli	48.28 276	P	P	18 27 03.2	-1.6
JKA	Kamikawa-asahi	49.06 357	P	P	18 27 08.7	-1.4
USRK	Ussuriysk Arr	50.58 347	P	P	18 27 21.6	+0.1
USRK	Ussuriysk Arr	50.58 347	P	P	18 27 21.6	+0.1
CRAI	Chiangrai	50.97 301	P	P	18 27 22.6	-2.5
CRAI	Chiangrai	50.97 301	I	Amb	18 27 57.7	
CMAR	Chiang Mai Arr	51.50 298	P	P	18 27 29.7	+0.6
CMAR	Chiang Mai Arr	51.50 298	P	P	18 27 27.3	-1.8
BNX	BinXian	53.12 344	P	P	18 27 40.6	0.0
BNX	BinXian	53.12 344	pm	pm		
HHC	Hu-ho-hao-te	55.29 329	eP	eP	18 27 58.8	+2.2
HHC	Hu-ho-hao-te	55.29 329	pm	pm		
PEAOB	Petropavlovsk-	58.90 9	P	P	18 28 21.6	-0.1
PETK	Petropavlovsk-	58.90 9	P	P	18 28 22.0	+0.3
PETK	Petropavlovsk-	58.90 9	P	P	18 28 22.0	+0.3

GA2A	Gaotai	61.17 321	eP	P	18 28 38.5	+0.7
GA2A	Gaotai	61.17 321	pP	pP	18 28 58.3	+3.4
GA2A	Gaotai	61.17 321	pm	pm		
SOM2	Songino Array	62.90 331	P	P	18 28 49.4	+0.3
SOM2	Songino Array	62.90 331	P	P	18 28 48.7	-0.4
SOM2	Songino Array	62.90 331	P	P	18 28 59.3	-0.7
MA2	Magadan	64.31 3	I	Amb	18 29 02.2	
KIWB	Kanaga Island	65.05 25	P	P	18 29 01.7	-1.3
EVN	Everest	65.36 304	P	P	18 29 04.3	-2.0
GSFT	Great Sitkin T	65.69 66	P	P	18 29 06.8	-0.4
CASY	Casey	65.73 195	P	P	18 29 07.5	+0.4
CASY	Casey	65.73 195	I	Amb	18 29 12.5	
TLY	Talaya	66.87 333	P	P	18 29 14.2	-0.5
TLY	Talaya	66.87 333	I	Amb	18 29 23.9	
AKUT	Akutan	71.63 28	P	P	18 29 44.5	+0.5
VNDA	Vanda	72.90 176	P	P	18 29 52.6	+1.3
VNDA	Vanda	72.90 176	P	P	18 29 52.4	+1.1
SBA	Scott Base	73.56 175	P	P	18 29 54.9	-0.3
MK31	Makanchi Arry	75.85 321	P	P	18 29 07.2	-1.9
MKAR	Makanchi Arry	75.85 321	P	P	18 30 08.8	-0.2
MKAR	Makanchi Arry	75.85 321	P	P	18 30 07.0	-2.0
MAK2	Makanchi	76.06 321	P	P	18 30 09.7	-0.5
M13K	Dall Lake	76.51 23	P	P	18 30 13.2	+0.8
O14K	Tigyukauvet M	76.68 25	P	P	18 30 14.3	+1.0
N14K	Kuskokwak Cree	76.89 24	P	P	18 30 15.3	+0.8
K13K	Kuskokwak Mount	76.94 22	P	P	18 30 15.5	+0.7
M14K	Bethel	77.26 24	P	P	18 30 17.0	+0.4
L14K	Kuka Creek	77.33 23	P	P	18 30 17.5	+0.6
L14K	Kuka Creek	77.33 23	P	P	18 30 17.7	+0.8
ZALV	Zalesovo Beam	77.46 328	P	P	18 30 16.7	-1.5
ZALV	Zalesovo Beam	77.46 328	P	P	18 30 16.7	-1.2
N15K	Kwethluk River	77.69 25	P	P	18 30 19.7	+0.7
N15K	Kwethluk River	77.69 25	I	Amb	18 30 21.0	
N15K	Kwethluk River	77.69 25	P	P	18 30 19.7	+0.7
N15K	Kwethluk River	77.69 25	P	P	18 30 19.6	+0.3
M15K	Kasiglik River	77.74 24	P	P	18 30 19.6	+0.3
R17L	Mt. Peulik Vol	77.98 28	P	P	18 30 20.8	0.0
O16K	Kokwok River B	78.22 26	P	P	18 30 22.8	+0.4
K15K	Wolf Creek Mou	78.33 22	P	P	18 30 23.0	+0.5
N16K	Nishilik Lake	78.40 25	P	P	18 30 23.4	+0.4
Q17K	Contact Creek	78.51 27	P	P	18 30 23.8	0.0
BOOM	Boomsbooke usch	78.58 315	P	P	18 30 25.1	+0.5
BOOM	Boomsbooke usch	78.58 315	I	Amb	18 31 02.3	
M16K	Timber Creek	78.62 24	I	Amb	18 30 26.2	
M16K	Timber Creek	78.62 24	P	P	18 30 24.5	+0.3
O17K	Koliganek Bris	78.74 26	P	P	18 30 25.4	+0.6
L16K	Owhat River	78.80 23	P	P	18 30 25.7	+0.5

9d 19h

Table with columns for station name, coordinates, and various parameters. Includes stations like AKASG, AKBB, AKKB, BURAR, KURK, MNK, etc.

2020 JUN

Table with columns for station name, coordinates, and various parameters. Includes stations like SEY, WRA, AFAD, GAZI, AKMS, etc.

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Table with columns for station name, coordinates, and various parameters. Includes stations like KEBE, ATHAL, APMY, INCE, etc.

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

ICD 09 19:49:53.2,3,7,41:34N-90:09E, h0km, mbmp3,7/6, ML3/4/8, Error ellipse: s-maj=41.5km s-min=23.9km

NNC 09 19:49:56.9,2,0,41:18N-89:59E, h0km, mb4,2,mpv4,0, Error ellipse: s-maj=18.1km s-min=13.3km az=9.0

SOME 09 19:52:27.6,43:40N-83:72E, h10km, ICD 09 19:49:54.0,4,0,8,41:09N-0:07-89:79E,0:05,h10km,n26, c245/33,3C-9D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WMQ, GOMU, GTA2, etc.

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

ICD 09 20:17:36.6,5,2,34:63N-106:14E, h0km, mb2,9/1, mbtmp3.1/3, ML3.1/2, Error ellipse: s-maj=89.6km s-min=34.0km az=22.0, Gansu

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

DJA 09 20:45:07.4,0,3,4:3S-13:9E, h124km,4km, M4.0/12, mb3.9/7, MLV4.0/12, Irian Jaya

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

ICD 09 20:47:30.6,0,5,13:99N-91:49E, h0km, mb4,2/28, mbmp4,2/30, ML3,9/2, MS3,3/5, Error ellipse: s-maj=17.5km s-min=11.0km az=49.0

NEIC 09 20:47:32.9,1,5,14:15N-100:91:61E,0:07, h10km,1km, mb4,6/82, Error ellipse: s-maj=11.9km s-min=8.4km az=99.0

NDI 09 20:47:32.3,3,1,13:99N-91:43E, h10km, ML4.3, MW3.5, Presumed earthquake

ICD 09 20:47:31.5,2,4,14:09N-100:04:91:60E,0:05, h6km,15km, n180, c1929/194, mb4.5/81, MS3.3/4, 3C-20, Andaman Islands region

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

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

Table with columns: Station Name, Elevation, Frequency, Band, Mode, Power, and other technical details. Includes stations like Redoubt Volcan, RDSO Redoubt South, and various other locations.

Table with columns: Station Name, Elevation, Frequency, Band, Mode, Power, and other technical details. Includes stations like EYAK, K17K, TRF, and various other locations.

Table with columns: Station Name, Elevation, Frequency, Band, Mode, Power, and other technical details. Includes stations like DSBU, SHI, KAZZ, and various other locations.

MOS 09:22:26:58.3,0.9,27.52N:53.22E,h11km,mb4.5/28, Error ellipse: s-maj=6.9km s-min=4.4km az=100.4
IDC 09:22:26:58.6,0.8,27.59N:53.24E,h0km,mb4.0/20, mbmp4.0/26,ML3.8/6,MS3.4/37, Error ellipse: s-maj=18.1km s-min=13.4km az=177.0
TEH 09:22:26:59.5,27.63N:53.29E,h8km,12km,ML4.1, Presumed earthquake
THR 09:22:27:00.4,0.0,27.64N:53.32E,h10km,20km,ML4.2, Presumed earthquake
NEIC 09:22:27:00.7,1.1,27.64N:0.07:53.22E,0.07,h10km,1km, mb4.3/46, Error ellipse: s-maj=12.6km s-min=9.8km az=208.0
DSN 09:22:27:01.7,0.9,27.64N:53.29E,h10km,ML3.6/17, Error ellipse: s-maj=11.5km s-min=6.2km az=5.0
OMAN 09:22:27:08.0,0.1,27.29N:53.50E,h16km,1km,mb3.8/8, m4.0/20, Error ellipse: s-maj=3.7km s-min=1.1km az=340.0
ISC 09:22:27:01.3,0.4,27.64N:0.03:53.27E,0.04,h16km,n311, r1340/306,mb4.2/73,MS3.4/34,9C,Southern Iran

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength.

IDC 10 00:21:48.6:0.8, 37.42N:20.60E, h0km, mb3.1/4, mbmp3.6/27, ML3.2/10, MS3.2/15, Error ellipse: s-maj=16.5km s-min=12.6km az=165.0, ATH 10 00:21:48.0, 37.21N:20.28E, h12km, 2km, ML3.5/32, Latitude uncertainty: 2 km; Longitude uncertainty: 2 km THE 10 00:21:50.4, 37.1N:20.2E, h0km, 2km, MS3.3/37, ML3.3/37

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength.

IDC 10 00:23:59.1:1.7, 7.04S:128.94E, h0km, mb3.3/2, mbmp3.6/7, ML3.6/3, Error ellipse: s-maj=62.7km s-min=29.0km az=77.0, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength.

IDC 10 00:29:20.4:2.7, 5.73N:124.65E, h0km, mb3.6/3, mbmp3.6/3, Error ellipse: s-maj=289.6km s-min=28.0km az=64.0, Mindanao

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength.

TIR 10 00:31:16.7, 41.47N:19.57E, h10km, MI1.6/3, 2C, Albania

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength.

IDC 10 01:11:32.7:0.7, 7.13N:59.66E, h0km, mb3.9/21, mbmp3.9/22, ML2.7/1, MS3.7/54, Error ellipse: s-maj=17.8km s-min=15.7km az=3.0, NEIC 10 01:13:35.4, 1.7, 20N:0.04:59.7E:0.1, h10km, 1km, mb4.5/55, Error ellipse: s-maj=18.1km s-min=7.8km az=85.0

GCMT 10 01:13:38.4:0.3, 7.31N:0.03:59.51E:0.1, h13km, 1km, MW4.8/84, Moment Tensor Solution, s13,c15; s84,c116; Duration: 0. Moment tensor: Scale 10^19N; Mr=1.58e-13; Mw=0.27e-07; Mo=1.85e-09; Me=0.80e-23; Ms=0.56e-05; M2=0.1000e-10; NP1=0.189.00000; S4.3.00000; A=53.00000; NP2: 0.324.00000; 857.00000; A=119.00000. Principal axes: T 2.0570, Plg6.0000, Azm74.0000; N -0.0970, Plg24.0000, Azm340.0000; P -1.9630, Plg65.0000, Azm181.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 10 01:11:34.4:0.5, 7.14N:0.08:59.63E:0.07, h10km, n142, e1901/98, mb4.4/49, MS3.7/55, 3C-2D, Carlsberg Ridge

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Uncertainty, Elevation Uncertainty, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength.

Table with columns: QRNJ, AI-Qirein, 11.12 101, P, Pn, 01 50 44.1 +0.4, etc. Lists various stations and their frequencies.

Table with columns: AK15, Malin Array Si, 16.29 15, P, P, 01 51 55.3 -0.8, etc. Lists various stations and their frequencies.

Table with columns: ARCES, ARCESS Array B, 34.53 2, P, P, 01 54 51.7 -0.5, etc. Lists various stations and their frequencies.

Table with columns: STEB, Steborice, 0.87 242, ePG, Pg, 03 35 49.2, -0.2, 03 35 59.7, -1.0

JMA 10 03:35:48.6, 23.74N, 101.7E, h38km, 3km, TAIWAN REGION

TAP 10 03:35:49.8, 23.74N, 121.59E, h34km, ML2.8, ISC 10 03:35:50.0, 23.74N, 121.61E, 0.03, h33km, 2km, n65, c082/100, 3C-4D, Taiwan

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

IDC 10 03:50:29.3, 1.2, 13.27S, 167.28E, h0km, mb4.0/9, mbmp4.0/10, ML4.0/1, MS3.27, Error ellipse: s-maj=41.5km s-min=20.8km az=129.0

NEIC 10 03:50:30.4, 1.2, 13.35S, 167.5E, 0.2, h10km, 1km, mb4.7/16, Error ellipse: s-maj=26.4km s-min=11.5km az=91.0

ISC 10 03:50:34.1, 0.6, 13.38S, 167.4E, 0.1, h35km, n38, c089/33, mb4.2/16, MS3.25, Vanuatu Islands

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

Table with columns: CTA, Charters Tower, 21.30 249, P, P, 03 55 18.5, +0.6

IDC 10 03:55:03.1, 0.7, 6.64S, 129.84E, h134km, 6km, mb4.1/18, mbmp4.6/24, Error ellipse: s-maj=15.3km s-min=9.0km az=74.0

NEIC 10 03:55:04.6, 1.4, 6.56S, 129.81E, 0.08, h142km, 5km, mb4.8/43, Error ellipse: s-maj=11.0km s-min=8.2km az=76.0

DJA 10 03:55:05.7, 0.7, 7.1S, 13.0E, h167km, 2km, M5.1/111, mb5.6/61, mb5.0/111, MLV5.5/30, Mw4.8/158, Mw(M)5.1/61, Mw(M)5.3/4, Mw(M)5.5/4

ISC 10 03:55:04.1, 0.4, 6.89S, 129.87E, 0.04, h147km, 3km, mb4.7/17km, pP-P, n234, c1855/257, mb4.7/55, 4C-3D, Banda Sea

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

Main table with columns: MMSI, Mamuju, 11.62 289, P, P, 03 57 49.7, -3.5

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth 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: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth 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.

MOS 10 04:02:25.9, 1.1, 27.53N, 53.41E, h12km, mb4.6/38, Error ellipse: s-maj=6.4km s-min=4.3km az=101.0
IDC 10 04:02:26.2, 0.7, 27.66N, 53.46E, h0km, mb4.1/25, mtdmp4.0/30, ML3.8/5, MS3.6/29, Error ellipse: s-maj=17.4km s-min=13.1km az=10.0
TEH 10 04:02:26.2, 27.66N, 53.50E, h5km, 15km, ML4.1, Presumed earthquake
THR 10 04:02:27.6, 0.0, 27.63N, 53.53E, h10km, 7km, ML4.3, Presumed earthquake
NEIC 10 04:02:28.0, 1.1, 27.68N, 53.39E, h10km, 1km, mb4.4/53, Error ellipse: s-maj=12.1km s-min=8.5km az=234.0
DSN 10 04:02:30.7, 1.2, 27.53N, 53.46E, h10km, ML4.3/17, Error ellipse: s-maj=16.3km s-min=6.4km az=9.0
OMAN 10 04:02:34.2, 0.2, 27.38N, 53.76E, h10km, mb4.2/14, mtdmp4.0/19, Error ellipse: s-maj=1.9km s-min=1.4km az=27.0
ISC 04:02:27.7, 0.8, 27.50N, 53.49E, 0.04, h0km, 5km, m329, s1856/349, mb4.4/94, MS3.6/29, 10C-14D, Southern Iran

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth 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: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Spread, Elevation Spread, Azimuth 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.

SH1A KVAR	Shidzhatmaz Kislovodsk Arr baz=70,slow=22 comp=2,1,3nm,0.3s	18.32 334j 18.49 335 P	eP P	P	04 06 43.9 +1.5 04 06 42.8 -1.4
KIV KIV KIV	Kislovodsk Kislovodsk comp=Z,1.3nm,1.0s	18.50 335 P 18.50 335 eP pmax	P Pn pmax	Pn	04 06 42.8 -1.3 04 06 45.9 +1.7
KIV KIV KIV	comp=Z,5.3nm,14.0s Kislovodsk Kislovodsk comp=Z,2.56nm,0.9s	18.50 335 P 18.50 335 P 18.51 312 P	P Pn P	Pn	04 06 54.1 +1.0 04 06 44.2 0.0
BNN CSS ATD	Bunyan Mathias Arta Tunnel comp=Z,1.7nm,19.6s,baz=12,slow=41	18.71 298 P 18.86 214 LR 18.87 45 P	P Pn P	Pn	04 06 42.2 -2.2 04 06 46.7 +0.2 04 05 16.8
BTK BTK BTK	Batken Batken comp=Z,2.24nm,1.3s	18.97 45 P 18.97 45 P pmax	P P pmax	P	04 06 49.4 0.0 04 07 33.3 04 06 49.4 0.0
VSLR VSLR	Vesolyoye comp=Z,6.0nm,0.7s	19.20 329c 19.20 329c	iP pmax	Pn	04 06 52.9 +0.2
DRK DRK	Karamyk comp=Z,1.1nm,0.8s	19.27 47 P 19.27 47 P	P P	Pn	04 06 53.7 -0.3 04 07 18.8
DRK DRK	Karamyk comp=Z,1.1nm,0.8s	19.27 47 P 19.27 47 P	P P	Pn	04 06 53.7 -0.3
GOF SOC SOC	Gofitskoye Sochi comp=Z,2.26nm,23.0s	19.32 337ceP 19.44 329 P	eP P MLR	Pn	04 06 55.6 +1.5 04 06 55.4 +0.2 04 10 36.4
BR104	Keskin Array S comp=Z,5.3nm,0.9s	20.41 311 P 20.41 311 P	P P	P	04 07 05.4 +0.2
BR131	Keskin Array S comp=Z,5.4nm,0.9s	20.43 311 P 20.43 311eP	P P	P	04 07 04.2 -1.2 04 07 04.8 -0.5
BR131	Keskin Array S SNR=5.4	20.43 311 P 20.43 311 P	P P	Pn	04 07 15.0 +7.6
BRTR	Keskin Array B comp=Z,1.1nm,0.7s,baz=135,slow=14,SNR=10	20.43 311 P 20.43 311 P	P P	LR	04 07 05.4 +0.1
BRTR	Keskin Array B comp=Z,1.1nm,0.7s	20.43 311 P 20.43 311 P	P P	LR	04 07 02.1 -3.2 04 07 05.3 -0.2
BR105	Keskin Array S comp=Z,5.4nm,0.9s	20.44 311 P 20.44 311 P	P P	P	04 07 05.4 -0.1
BR106	Keskin Array S comp=Z,5.3nm,0.9s	20.44 312 P 20.44 312 P	P P	P	04 07 07.8 -0.5 04 07 07.8 -0.5
KK31	Karatay Array comp=Z,2.8nm,1.1s	20.72 37 P 20.72 37 P	P P	P	04 07 08.0 -0.4 04 07 08.0 -0.4
KK31	Karatay Array comp=Z,2.8nm,1.1s	20.72 37 P 20.72 37 P	P P	P	04 07 08.0 -0.4 04 07 18.8 0.0
KKAR KKAR	Karatay Array Karatay Array	20.72 37 P 20.72 37 P	P P	P	04 07 08.0 -0.4 04 07 18.8 0.0
ILGA KSH2	Ilgaz Kashi	21.07 315 P 21.07 52 P	P P	P	04 07 11.2 -1.2 04 07 18.8 0.0
ELL ELL ELL	Elmal Elmal Elmal	21.90 301 P 21.90 301 P 21.90 301 P	P P P	P	04 07 19.3 -2.0 04 07 19.3 -2.0 04 07 19.3 -2.0
AB31 AB31	Akbulak array Akbulak array	22.18 11 P 22.18 11 P	P P	IAMB	04 07 23.4 -0.6 04 07 28.0
ABKAR AAK	Akbulak array Ala-Archa	22.18 11 P 22.72 43 LR	P LR	LR	04 07 23.6 -0.4 04 17 45.7
AAK AAK	Ala-Archa Ala-Archa	22.72 43 P 22.72 43 P	P P	IAMB	04 07 30.1 +0.2 04 08 10.9
AAK AAK	Ala-Archa Ala-Archa	22.72 43dP 22.72 43dP	iP pmax	P	04 07 31.9 +1.9
NRR NRR	Naryn Naryn	23.03 47 P 23.03 47 P	P P	IAMB	04 07 33.0 -0.4 04 07 59.3
NRR NRR	Naryn Naryn	23.03 47 P 23.03 47 P	P P	pmax	04 07 33.0 -0.4
AKTO	Aktyubinsk comp=Z,3.9nm,18.9s	23.06 7 LR 23.22 323 eP	LR pmax	LR	04 18 34.7 04 07 37.2 +2.2
SIM SIM	Simferopol comp=Z,1.9nm,1.0s	23.28 220 LR 23.28 220 LR	LR LR	LR	04 17 45.2
FURI	Furi comp=Z,2.16nm,19.3s	23.48 304 P 23.48 304 P	P P	P	04 07 36.7 -1.2 04 07 39.9 +1.6
MANT BOOM	Manisa Boomskeye uch	23.53 45 P 23.53 45 P	P P	IAMB	04 08 05.2 04 07 39.9 +1.6
BOOM BOOM	Boomskeye uch Boomskeye uch	23.53 45 P 23.53 45 P	P P	pmax	04 07 39.9 +1.6
KDJ KDJ	Kajisay Kajisay	24.14 47 P 24.14 47 P	P P	IAMB	04 07 44.3 +0.1 04 08 05.2
KDJ KDJ	Kajisay Kajisay	24.14 47 P 24.14 47 P	P P	pmax	04 07 44.3 +0.1
TARG TARG	Taragay Taragay	24.36 48 P 24.36 48 P	P P	pmax	04 07 49.0 +2.5
WUS WUS	Wushi Wushi	25.08 51 P 25.08 51 P	P P	IAMB	04 07 52.4 -0.3 04 08 21.7
BELG BELG	Belogornoye Belogornoye	25.15 352deP 25.15 352deP	eP pmax	pmax	04 07 53.4 +0.5
VRH VRH	Novokhopovsk Novokhopovsk	25.20 342 P 25.20 342 P	P P	pmax	04 07 53.1 -0.3
VORD VORD	Divnogorie Divnogorie	25.70 339 eP 25.70 339 eP	P P	pmax	04 07 57.7 -0.3
VSR VSR	Storozhevoye Storozhevoye	25.96 339 iP 25.96 339 iP	iP pmax	pmax	04 07 59.6 -0.7
TIRR TIRR	Tirgusor Tirgusor	26.20 317 P 26.20 317 P	P P	IAMB	04 08 01.6 -1.0 04 08 06.9
TIRR TIRR	Tirgusor Tirgusor	26.20 317 P 26.20 317 P	P P	pmax	04 08 01.6 -1.0
TIRR TIRR	Tirgusor Tirgusor	26.20 317 P 26.20 317 P	P P	P	04 08 02.2 -0.4 04 08 04.1 +0.3
VORR VORR	Voronzh Voronzh	26.34 340 P 26.34 340 P	P P	pmax	04 08 04.1 +0.3
LPSR LPSR	Gaichiy Ya Gora Gaichiy Ya Gora	27.24 340 P 27.24 340 P	P P	pmax	04 08 15.1 +3.3
VRI	Vrincioiaia comp=Z,3.3nm,0.8s	27.25 318 P 27.25 318 P	P P	P	04 08 18.7 +0.3
MLR MLR	Muntele Rosu Muntele Rosu	28.23 317 LR 28.23 317 LR	LR LR	LR	04 01 53.7 04 08 19.4 -1.6
MLR MLR	Muntele Rosu Muntele Rosu	28.23 317 P 28.23 317 P	P P	IAMB	04 08 27.5 04 08 19.4 -1.6
MLR MLR	Muntele Rosu Muntele Rosu	28.23 317 P 28.23 317 P	P P	pmax	04 08 21.1 +0.1
MLR MLR	Muntele Rosu Muntele Rosu	28.23 317 P 28.23 317 P	P P	pP	04 08 23.9 -0.1 04 08 21.8 +0.2
BORK BORK	Borovyoye Borovyoye	28.32 22 P 28.32 22 P	P P	IAMB	04 08 26.2 04 08 21.8 +0.2
BORK BORK	Borovyoye Borovyoye	28.32 22 P 28.32 22 P	P P	pmax	04 08 21.8 +0.2
BVAR	Borovyoye Array comp=Z,7.0nm,0.8s	28.32 22 P 28.32 22 P	P P	P	04 08 21.7 +0.1
TESR	Tescani comp=Z,1.2nm,0.8s	28.34 319 P 28.34 6 LR	P LR	P	04 08 22.1 +0.3 04 22 36.4
ARTI	Arti comp=Z,2.17nm,19.1s,baz=190,slow=42	29.43 328 P 29.43 328 P	P pP	P	04 08 31.1 -0.4 04 08 34.9 +0.4

EVN EVN	Everest comp=Z,4.8nm,0.8s	29.43 81 P 29.43 81 P	IAMB IAMB	P	04 08 32.1 -0.4 04 09 07.2
AK10 MAK2 MAK2	Main Array Si Makanchi Makanchi	29.44 328 P 29.45 42 P 29.45 42 P	P P P	P	04 08 30.7 -0.8 04 08 32.5 +0.5 04 08 02.6
MAK2 MAK2	Makanchi Makanchi	29.45 42 P 29.45 42 P	P pmax	P	04 08 32.3 +0.5
AK05 AK05	Main Array Si Main Array Si	29.48 328 P 29.48 328 P	P pP	P	04 08 31.4 -0.5 04 08 35.2 +0.3
AK02 AK02	Main Array Si Main Array Si	29.50 328 P 29.50 328 P	P P	P	04 08 31.9 -0.2 04 08 35.5 +0.4 04 08 31.2 -1.0
AKASG AKASG	Main Array Be Main Array Be	29.52 328 P 29.52 328 P	P P	LR	04 22 44.5 04 08 30.6 -1.7 04 08 31.7 -0.6
AKASG AKASG	Main Array Be Main Array Be	29.52 328 P 29.52 328 P	P P	pmax	04 08 31.7 -0.6
AKBB AKBB	Main Array Si Main Array Si	29.52 328 P 29.52 328 P	P IAMB	IAMB	04 08 31.3 -1.0 04 08 33.4
AKBB AKBB	Main Array Si Main Array Si	29.52 328 iP 29.52 328 iP	iP pmax	P	04 08 31.8 -0.5
AKBB AKBB	Main Array Si Main Array Si	29.52 328 P 29.52 328 P	P P	P	04 08 31.7 -0.5 04 08 31.6 -0.7
KIEV KIEV	Kiev Kiev	29.52 328 P 29.52 328 P	P P	P	04 08 32.8 +0.5 04 08 31.6 -0.7
AK16 AK04	Main Array Si Main Array Si	29.56 328 P 29.56 328 P	P P	P	04 08 32.8 +0.2 04 08 32.9 +0.3 04 08 33.1 +0.3 04 08 32.9 +0.4
KMPD KMPD	K-Podol'skiy K-Podol'skiy	29.59 322 P 29.59 322 P	P P	P	04 08 35.2 +1.9 04 08 33.6 +0.3
MK31 MK31	Makanchi Array Makanchi Array	29.63 42deP 29.63 42deP	deP P	P	04 08 35.2 +1.9 04 08 33.6 +0.3
MKAR MKAR	Makanchi Array Makanchi Array	29.63 42 P 29.63 42 P	P P	LR	04 21 54.2
MKAR MKAR	Makanchi Array Makanchi Array	29.63 42 P 29.63 42 P	P P	LR	04 08 32.5 -0.9 04 08 33.5 +0.3 04 08 34.4 +0.3 04 08 32.9 +1.6 04 08 34.0 -0.8 04 08 34.5 -0.5
AK22 LUBAR	Main Array Si Lubar, Ukraine	29.63 328 P 29.73 326 P	P P	P	04 08 34.4 +0.3 04 08 32.9 +1.6 04 08 34.0 -0.8 04 08 34.5 -0.5
LUBAR LUBAR	Lubar, Ukraine Lubar, Ukraine	29.73 326 P 29.73 326 P	P P	P	04 08 34.4 +0.3 04 08 32.9 +1.6 04 08 34.0 -0.8 04 08 34.5 -0.5
BUR08 KURBB	Bucovina Ar. S Kurchatov Ar.	29.78 320 P 29.83 33 P	P P	P	04 08 34.5 -0.5
KURBB KURBB	Kurchatov Ar. Kurchatov Ar.	29.83 33 P 29.94 33eP	P P	LR	04 21 51.4 04 08 34.4 -1.6 04 08 37.3 +1.4
KURK KURK	Kurchatov Kurchatov	29.94 33 P 29.94 33eP	P P	pmax	04 08 37.3 +1.4
OBN OBN	Obninsk Obninsk	30.11 341fP 30.11 341fP	eP eS	P	04 08 36.9 -0.5 04 09 34.9 04 13 37.5 +1.5
OBN OBN	Obninsk Obninsk	30.11 341fP 30.11 341fP	eP eS	MLR	04 08 36.9 -0.5 04 09 34.9 04 13 37.5 +1.5
KEK DRGR	Kerkira Kerkira	30.36 302 P 30.83 317 P	P P	P	04 08 37.6 -2.2 04 08 45.1 +1.1
DRGR DRGR	Kerkira Kerkira	30.36 302 P 30.83 317 P	P P	pmax	04 08 45.1 +1.1
KIRV KIRV	Kirov Kirov	31.10 356 LR 31.10 356eP	LR P	LR	04 24 40.9 04 08 46.4 +0.3 04 08 56.6 +3.4
WMQ WMQ	Urumqi Urumqi	31.86 50 eP 31.86 50 eP	P LR	LR	04 24 40.9 04 08 46.4 +0.3 04 08 56.6 +3.4
TIP TIP	Timpagrande Timpagrande	32.56 300 P 32.56 300 P	P P	P	04 08 59.9 +0.6
PALK PALK	Pallekele Pallekele	32.76 123 LR 32.76 123 LR	LR LR	LR	04 22 40.5 04 09 04.3 +0.2
MORH MORH	Mrgy, Hungary Mrgy, Hungary	33.14 313 P 33.14 313 P	P P	P	04 09 11.6 +1.2 04 09 11.6 +1.2 04 09 12.4 -0.6 04 09 12.4 -0.6 04 09 13.3 +0.3
LANS LANS	Liptovska Anna Liptovska Anna	33.84 319 iP 33.84 319 iP	iP eP	P	04 09 11.6 +1.2 04 09 11.6 +1.2 04 09 12.4 -0.6 04 09 12.4 -0.6 04 09 13.3 +0.3
OJC OJC	Ojcow Ojcow	34.15 321 P 34.15 321 P	P P	P	04 09 12.4 -0.6 04 09 13.3 +0.3
MPLH MPLH	Magyaralyok Magyaralyok	34.20 315 P 34.20 315 P	P P	P	04 09 13.7 +0.3
SHL SHL	Shillong Shillong	34.30 84 P 34.30 84 P	P P	IAMB	04 09 13.7 -1.1 04 09 50.6
SHL SHL	Shillong Shillong	34.30 84 P 34.30 84 P	P P	pmax	04 09 13.7 -1.1
KLMR KLMR	Klimovskoe Klimovskoe	34.56 348 eP 34.56 348 eP	eP pmax	pmax	04 09 14.1 -2.3
KLMR KLMR	Klimovskoe Klimovskoe	34.56 348 eP 34.56 348 eP	eP pmax	MLR	04 09 14.1 -2.3
ZAAO ZAAO	Zalesovo Array Zalesovo Array	34.93 32 P 34.93 32 P	P IAMB	IAMB	04 09 19.1 -0.5 04 09 21.3
ZALV ZALV	Zalesovo Beam Zalesovo Beam	34.93 32 P 34.93 32 P	P P	LR	04 09 19.6 0.0 04 26 02.9
ZALV ZALV	Zalesovo Beam Zalesovo Beam	34.93 32 P 34.93 32 P	P P	LR	04 26 02.9
ZALV ZALV	Zalesovo Beam Zalesovo Beam	34.93 32 P 34.93 32 P	P P	P	04 09 19.2 -0.4 04 09 21.2 -1.3 04 09 24.4
MORC MORC	Moravsky Berou Moravsky Berou	35.25 319 P 35.25 319 P	P IAMB	IAMB	04 09 21.2 -1.3
MORC MORC	Moravsky Berou Moravsky Berou	35.25 319 P 35.25 319 P	P P	pmax	04 09 21.2 -1.3
MORC MORC	Moravsky Berou Moravsky Berou	35.25 319 eP 35.25 319 eP	eP LR	P	04 09 22.1 -0.4 04 25 39.9
VRAC VRAC	Vranov Vranov	35.61 318 LR 35.61 318 LR	LR LR	LR	04 27 50.6 04 09 26.0 +0.4 04 09 26.1 +0.3 04 09 28.9 +1.5 04 09 28.9 +1.5 04 09 27.7 -0.9
KRUC KRUC	Moravsky Moravsky	35.63 317 eP 35.63 317 eP	eP P	P	04 09 26.1 +0.3 04 09 28.9 +1.5 04 09 28.9 +1.5 04 09 27.7 -0.9
KRLC KRLC	Kralicky Kralicky	35.82 319 eP 35.82 319 eP	eP P	P	04 09 28.9 +1.5 04 09 27.7 -0.9
GOMU GOMU	GeErflu GeErflu	35.89 66 P 35.89 66 P	P pmax	pmax	04 09 27.7 -0.9
VSU VSU	Vasula Vasula	36.04 336eP 36.04 336eP	eP pmax	P	04 09 28.1 -1.0
DPC DPC	Dobruska-Polom Dobruska-Polom	36.20 319 eP 36.20 319 eP	eP P	P	04 09 32.3 +1.6 04 09 32.3 +1.6 04 09 30.9 +0.2
DPC DPC	Dobruska-Polom Dobruska-Polom	36.20 319 P 36.20 319 P			

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SCHQ Schefferville, ILAR Eielson Array, YKA Yellowknife Arr, etc.

IDC 10 04:23:15.4, 7.3, 3.40N, 97.72E, h282km, 65km, mb3.8/15, mblmp4.2/16, ML4.6/1, Error ellipse: s-maj=36.1km s-min=13.5km az=58.0

NEIC 10 04:23:22.6, 1.2, 3.53N, 0.09: 98.10E: 0.1, 1.41km, 2km, mb4.3/9, Error ellipse: s-maj=19.8km s-min=9.2km az=57.0

DJA 10 04:23:24.0, 3.3, 3.4N, 4.9E, h120km, 3km, M4.3/27, mb4.0/2, mB6.2/3, MLV4.3/27, Mw(mB)5.9/3

ISC 10 04:23:23.0, 7.3, 3.50N, 0.07: 97.99E: 0.07, h143km, 6km, M5.0, 0.79/51, mb4.0/18, Northern Sumaterra

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TPTI TPTI, RPSI Rantau Prapat, MSLI Meulaboh, etc.

WRA Warramunga Arr 42.63 125 P 04 31 05.3 +0.4

WRA Warramunga Arr 42.63 125 P 04 31 04.8 -0.1

ASAR Alice Springs 44.20 130 P 04 31 17.3 -0.1

ASAR Alice Springs 44.20 130 P 04 31 16.4 -1.1

SOMM Songoing Array 44.75 8 P 04 31 21.7 +0.1

ASAR Alice Springs 44.20 130 P 04 31 17.3 -0.1

ASAR Alice Springs 44.20 130 P 04 31 16.4 -1.1

ASAR Alice Springs 44.20 130 P 04 31 17.3 -0.1

ASAR Alice Springs 44.20 130 P 04 31 16.4 -1.1

ASAR Alice Springs 44.20 130 P 04 31 17.3 -0.1

ASAR Alice Springs 44.20 130 P 04 31 16.4 -1.1

ASAR Alice Springs 44.20 130 P 04 31 17.3 -0.1

ASAR Alice Springs 44.20 130 P 04 31 16.4 -1.1

ASAR Alice Springs 44.20 130 P 04 31 17.3 -0.1

ASAR Alice Springs 44.20 130 P 04 31 16.4 -1.1

ASAR Alice Springs 44.20 130 P 04 31 17.3 -0.1

ASAR Alice Springs 44.20 130 P 04 31 16.4 -1.1

ASAR Alice Springs 44.20 130 P 04 31 17.3 -0.1

ASAR Alice Springs 44.20 130 P 04 31 16.4 -1.1

ASAR Alice Springs 44.20 130 P 04 31 17.3 -0.1

ASAR Alice Springs 44.20 130 P 04 31 16.4 -1.1

ASAR Alice Springs 44.20 130 P 04 31 17.3 -0.1

ASAR Alice Springs 44.20 130 P 04 31 16.4 -1.1

ASAR Alice Springs 44.20 130 P 04 31 17.3 -0.1

ASAR Alice Springs 44.20 130 P 04 31 16.4 -1.1

ASAR Alice Springs 44.20 130 P 04 31 17.3 -0.1

ASAR Alice Springs 44.20 130 P 04 31 16.4 -1.1

ASAR Alice Springs 44.20 130 P 04 31 17.3 -0.1

ASAR Alice Springs 44.20 130 P 04 31 16.4 -1.1

ASAR Alice Springs 44.20 130 P 04 31 17.3 -0.1

ASAR Alice Springs 44.20 130 P 04 31 16.4 -1.1

ASAR Alice Springs 44.20 130 P 04 31 17.3 -0.1

ASAR Alice Springs 44.20 130 P 04 31 16.4 -1.1

ASAR Alice Springs 44.20 130 P 04 31 17.3 -0.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AOEAE Aguique, PB16 IPOC Station P, PB14 IPOC Station P, etc.

BGR 10 04:28:20.9, 22.72S: 175.79W, h33km

MOS 10 04:29:19.3, 0.9, 23.43S: 179.17E, h540km, mb5.5/33, Error ellipse: s-maj=8.4km s-min=7.4km az=72.6

GFZ 10 04:29:20.9, 23.45S: 179.16E, h551km, MW5.9, Moment Tensor Solution. s46 Moment tensor: Mr=1.98;

Mw=1.85; Mw0.13; Mw0.36; Mw0.69; Mw0.53; Fault plane solution: NP1: 179.00000, 362.00000, 1-5.00000; NP2: 269.00000, 84.00000, 1-152.00000; Principal axes: T 8.810, Plg15.00000; Azm39.00000; N -1.9800, Plg61.00000; Azm27.00000; P -6.8300, Plg22.00000; Azm136.00000;

NEIC 10 04:29:20.7, 1.6, 23.46S: 0.08: 179.23E: 0.09, h541km, 3km, s-maj=4.6/09, mBw5.9/39, mWw5.9/28 Error ellipse: s-maj=12.3km s-min=11.2km az=108.0, Moment Tensor Solution. Moment tensor: Scale 1017Nm; Mr=2.35; Mw=0.55; Mw2.90; Mw4.60; Mw7.32; Mw1.26; Mw3.55; Fault plane solution: M9: 14000x1017 NP1: 185.51000, 54.88000, -3.9730000; NP2: 281.15000, 582.06000, 1.44.49000; Principal axes: T 9.9496, Plg18.00000; Azm48.00000; N -1.9385, Plg64.00000; Azm22.00000; P -8.0101, Plg30.00000; Azm149.00000;

IPGP 10 04:29:21.0, 23.45S: 179.26E, h560km, Mw6.0, Fault plane solution: NP1: 82.00000, 878.00000, 1.66.00000; NP2: 175.00000, 876.00000, 12.00000; Mw=7.77.08; Mw0.70: 0.8; Best double couple: M8: 86000x1017 NP1: 177.00000, 860.00000, 1-6.00000; NP2: 269.00000, 85.00000, 1-150.00000; Principal axes: T 9.9590, Plg17.00000; Azm39.00000; N -2.2020, Plg60.00000; Azm27.00000; P -7.7620, Plg24.00000; Azm137.00000; nstla refers to body waves, cut-off: nstla refers to mantle waves, nstla refers to Triangular: nstla refers to function;

NEIC 10 04:29:21.3, 23.41S: 179.16E, h538km

NOU 10 04:29:21.3, 23.46S: 179.27E, h549km, ML5.1/144, South of Fiji Islands

NEIC 10 04:29:21.2, 23.44S: 179.24E, h548km

GCMT 10 04:29:25.7, 0.1, 23.54S: 0.01: 179.19E: 0.01, h562km, MW5.9/150, Moment Tensor Solution. s150, c296; s75, c89; Duration: 2s2 Moment tensor: Scale 1017Nm; Mr=2.13; Mw=2.01; Mw0.19; Mw0.11; Mw0.12; Mw0.12; Mw0.77.08; Mw0.70: 0.8; Best double couple: M8: 86000x1017 NP1: 177.00000, 860.00000, 1-6.00000; NP2: 269.00000, 85.00000, 1-150.00000; Principal axes: T 9.9590, Plg17.00000; Azm39.00000; N -2.2020, Plg60.00000; Azm27.00000; P -7.7620, Plg24.00000; Azm137.00000; nstla refers to body waves, cut-off: nstla refers to mantle waves, nstla refers to Triangular: nstla refers to function;

NEIC 10 04:29:25.7, 0.1, 23.54S: 0.01: 179.19E: 0.01, h562km, MW5.9/150, Moment Tensor Solution. s150, c296; s75, c89; Duration: 2s2 Moment tensor: Scale 1017Nm; Mr=2.13; Mw=2.01; Mw0.19; Mw0.11; Mw0.12; Mw0.12; Mw0.77.08; Mw0.70: 0.8; Best double couple: M8: 86000x1017 NP1: 177.00000, 860.00000, 1-6.00000; NP2: 269.00000, 85.00000, 1-150.00000; Principal axes: T 9.9590, Plg17.00000; Azm39.00000; N -2.2020, Plg60.00000; Azm27.00000; P -7.7620, Plg24.00000; Azm137.00000; nstla refers to body waves, cut-off: nstla refers to mantle waves, nstla refers to Triangular: nstla refers to function;

ISC 10 04:29:21.0, 0.2, 23.49S: 0.03: 179.27E: 0.03, h553km, 2km, h553km, P, N, 1387, 1195/1470, mb5.3/417, 31C-40D, South of Fiji Islands

Code Station Name Az Phase ID Time Res

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like LKBA Tubou, Lakemba, MSVF Nonsavu, etc.

MSVF Nonsavu 5.84 349 P 04 30 57.1 -1.4

MSVF Nonsavu 5.84 349 P 04 30 56.9 -1.7

MSVF Nonsavu 5.84 349 S 04 30 56.6 -2.0

RIZ Raoul Island 6.26 157 P 04 31 04.3 +2.3

RAO Raoul Island 6.27 157 P 04 31 04.1 +2.1

RAO Raoul Island 6.27 157 S 04 31 04.4 -0.4

RAO Raoul Island 6.27 157 P 04 32 23.8 +1.7

RAO Raoul Island 6.27 157 S 04 32 25.8 +0.9

RAO Raoul Island 6.27 157 P 04 31 01.7 -0.4

RAO Raoul Island 6.27 157 S 04 31 01.9 -2.3

RAO Raoul Island 6.27 157 S 04 32 19.0 -5.8

GLKZ Green Lake 6.28 157 P 04 31 03.8 +1.6

GLKZ Green Lake 6.28 157 S 04 32 23.5 -1.4

TAVE Taveuni 6.79 7 P 04 31 06.7 -0.6

TAVE Taveuni 6.79 7 S 04 32 35.6 +1.5

DGTI Drogotaki 7.17 4 P 04 31 09.3 +1.3

FUTU Fugatoga 9.46 16 P 04 31 32.9 -0.8

FUTU Fugatoga 9.46 16 P 04 31 32.1 -1.5

MARC Mare, Loyalty 10.58 279 P 04 31 45.2 +0.2

MARC Mare, Loyalty 10.58 279 S 04 33 44.5 +1.2

MARC Mare, Loyalty 10.58 279 P 04 32 32.7 +1.3

NIUE Niue 10.99 68 P 04 31 48.1 -1.1

NIUE Niue 10.99 68 P 04 31 48.7 -0.5

NIUE Niue 10.99 68 S 04 33 52.1 +1.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ Urewera, MWZ Matawai, MWZ Funafuti, etc.

URZ Urewera 14.83 187 P 04 32 25.3 -3.2

MWZ Matawai 14.87 185 P 04 32 26.7 -2.3

MWZ Funafuti 14.88 360 P 04 32 59.5 -4.2

FUNA Funafuti 14.88 360 P 04 32 57.5 -1.9

FUNA Funafuti 14.88 360 P 04 32 26.8 -2.6

RNZ Ruanhua 15.20 187 P 04 32 26.8 -2.6

HIZ Hiti 15.44 193 P 04 32 36.3 +1.6

HIZ Hiti 15.44 193 P 04 32 35.1 +0.4

BKZ Black Stump Fm 15.80 188 P 04 32 36.5 -1.9

BKZ Black Stump Fm 15.80 188 S 04 35 19.5 +0.3

BKZ Black Stump Fm 15.80 188 P 04 32 35.0 -3.4

KHEZ Kahui 16.37 187 P 04 32 45.7 +1.0

BFZ Birch Farm 17.17 188 P 04 32 50.6 -1.6

BFZ Birch Farm 17.17 188 P 04 32 50.4 -2.0

WRZ Mangatainoka R 17.40 189 P 04 32 50.4 -2.7

MLZ Wellington 18.14 191 P 04 32 58.4 -1.4

TCW Tony Channel 18.16 192 P 04 32 59.1 -0.9

SNZO South Karori 18.17 191 P 04 32 59.2 -0.9

SNZO South Karori 18.17 191 P 04 32 57.8 -2.3

MSWZ Moikau Station 18.19 190 P 04 32 58.8 -1.5

QRZ Quartz Range 18.19 197 P 04 33 00.7 +0.4

QRZ Quartz Range 18.19 197 S 04 36 00.9 +2.2

QRZ Quartz Range 18.19 197 P 04 33 00.9 +0.7

TKNZ Tahi Hill 18.34 190 P 04 33 00.2 -1.5

PLWZ Palliser 18.34 190 P 04 33 00.2 -1.5

NNZ Nelson 18.35 194 P 04 33 01.0 -0.7

TUWZ Tuamarina 18.43 193 P 04 33 01.2 -1.3

MIRNZ Matariki Terra 18.67 195 P 04 33 04.2 -0.5

CMWZ Cape Campbell 18.69 192 P 04 33 07.7 -0.6

BSWZ Blackbirch Sta 18.72 193 P 04 33 04.0 -1.2

THZ Tophouse 18.98 195 P 04 33 06.6 -1.0

DSZ Denniston Nord 19.24 197 P 04 33 09.6 -0.3

KHZ Kahurangi 19.46 193 P 04 33 10.4 -1.4

RAR Rarotonga 19.52 87 P 04 33 11.3 -1.4

RAR Rarotonga 19.52 87 P 04 33 13.1 +0.4

RAR Rarotonga 19.52 87 P 04 33 13.1 +0.4

RAR Rarotonga 19.52 87 P 04 33 10.9 -1.8

LHI Lord Howe Isla 19.60 242 P 04 33 14.4 +1.1

LHI Lord Howe Isla 19.60 242 P 04 33 12.5 -0.8

LTZ Lake Taylor 20.09 195 P 04 33 17.1 -0.6

GVZ Greta Valley S 20.10 193 P 04 33 16.5 -1.2

INZ Inchbonnie 20.25 197 P 04 33 18.3 -0.7

AMZ Amberley 20.38 197 P 04 33 19.3 +0.4

CTZ Chatham Island 20.47 171 P 04 33 23.1 +2.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CTZ Chatham Island, OXZ Oxford, MOZ MoQueen's Vall, etc.

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like Port Moresby, Kiritimati, Stephens Creek, STKA, etc.

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like HON, FAKI, KIP, GUMO, etc.

Table with columns: Station Name, Frequency, Power, Direction, and Time. Includes stations like MMSI, KLNI, IGBI, VA02, etc.

Table with columns: Station ID, Name, Comp, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like PLBC Pleasant Camp, I20K Naaghedeneel, C09A Chrisman Ranch, etc.

Table with columns: Station ID, Name, Comp, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like P32M Atlin, P32M Nakina River, Q32M Paradox Valley, etc.

Table with columns: Station ID, Name, Comp, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like F20K Avarart Lake, F20K Red Dog Mine, RDOG Red Dog Mine, etc.

Table with columns for station ID, name, frequency, and signal strength. Includes stations like E22K, YAK Yakutsk, F24K Squaw Lake, I28M Miner Creek, etc.

Table with columns for station ID, name, frequency, and signal strength. Includes stations like C23K Eagle Plains, EPYK Eagle Plains, G29M Pine Creek, H31M Peel River, etc.

Table with columns for station ID, name, frequency, and signal strength. Includes stations like MKAR Vilhena, VILB Shalkode, KURBB, etc.

Plg33.0000°, Azm113.0000°; P - 5.7730, Plg55.0000°. Azm270.0000°: inst1 refers to body waves, cutoff=40s. inst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 10 04:35:18.1±0.2, 2.69S; 0.03:101.02E; 0.03:h50km, 1km, h50km; pP-P, n919, c1941/1031, mb5.4/264, MS4.4/71, 32C-35D, Southern Sumatara

Table with columns: PALK, Pallekele, 22.56 296, P, P, 04 40 13.9 -0.6, etc. Lists seismic stations and their parameters.

Table with columns: Warramunga Arr, 36.77 120, P, P, 04 42 20.8 -0.5, etc. Lists seismic stations and their parameters.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MTSU Mount Surprise, INKA Innaminka, and various other broadcast stations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like GAR Garm, RBK Rabkut, and various other broadcast stations.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MKAR Makanchi Array, MKAR Makanchi, and various other broadcast stations.

KURBB	Kurchatov Arra	56.50 343	P	P	04 44 54.1 -1.0
SAKB	Bahrain	56.51 304	P	P	04 44 55.8 +0.1
KURK	Kurchatov	56.55 343	P	P	04 44 55.9 +0.4
KURK	comp=Z,36nm,0.8s		IAmb	IAmb	04 45 11.5
KURK	Kurchatov	56.55 343cP	P	Pmax	04 44 55.2 -0.3
KURK	comp=Z,72nm,1.3s				
KURK	Kurchatov	56.55 343	P	P	04 44 53.1 -2.4
KURK	Kurchatov	56.55 343	P	P	04 44 54.9 -0.6
KURK	Kurchatov	56.55 343	P	P	04 45 10.0 +0.8
ZALV	Zalesovo Beam	58.03 349	P	P	04 45 05.2 -0.8
ZALV	comp=Z,60nm,0.7s,baz=169,slow=5.6,SNR=202		S	S	04 52 57.3 -5.6
ZALV	comp=Z,1.9nm,0.4s,baz=162,slow=1.6,SNR=9.7		LR	LR	05 13 23.3
ZALV	comp=Z,169nm,21.6s,baz=150,slow=39				
ZALV	comp=Z,60nm,0.7s				
ZALV	Zalesovo Beam	58.03 349	P	P	04 45 05.4 -0.5
ZALV	Zalesovo Beam	58.03 349	P	P	04 45 05.1 -0.8
ZALV	comp=Z,61nm,0.7s				
KLR	Kul'dur	58.15 23	LR	LR	05 12 19.6
KLR	Kul'dur	58.15 23cP	P	Pmax	04 45 07.1 +0.3
KLR	comp=Z,8.0nm,2.5s				
ATD	Arta Tunnel	59.53 285	LR	LR	05 06 19.2
ATD	comp=Z,1.0nm,21.4s,baz=133,slow=31				
ATD	Arta Tunnel	59.53 285	P	P	04 45 18.9 +1.8
ATD	Arta Tunnel	59.53 285	P	P	04 45 17.7 +0.5
ASAJ	Asahikawa	59.61 34	P	Pmax	04 45 16.7 -0.3
ASAJ	comp=Z,53nm,1.0s				
RAYN	Ar Rayn	59.96 299	P	P	04 45 20.2 +0.3
RAYN	Ar Rayn	59.96 299	P	P	04 45 20.2 +0.3
RAYN	Ar Rayn	59.96 299	P	Pmax	04 45 20.2 +0.3
RAYN	Ar Rayn	59.96 299	P	P	04 45 20.0 +0.1
RAYN	Ar Rayn	59.96 299	P	P	04 45 20.0 +0.1
RAYN	Ar Rayn	59.96 299	P	P	04 45 35.2 +1.8
KBD	Kabd	60.06 306	P	P	04 45 20.4 0.0
ZEA	Zeya	60.34 18	eP	e	04 45 21.7 -0.2
ZEA	Zeya	60.34 18	e	e	04 45 34.4
ZEA	Zeya	60.34 18	e	e	04 54 02.3
ZEA	comp=Z,10.0nm,0.8s		Pmax	Pmax	
H04N2	CROZET ISLANDS	60.86 217	T	T	05 50 52.4
H04N2	comp=Z,60,slow=75,SNR=1958				
H04N1	CROZET ISLANDS	60.87 217	T	T	05 50 51.9
H04N1	comp=Z,60,slow=75,SNR=43				
H04N3	CROZET ISLANDS	60.88 217	T	T	05 50 51.3
H04N3	comp=Z,60,slow=75,SNR=7913				
H04S1	CROZET ISLANDS	61.13 216	T	T	05 51 16.0
H04S1	comp=Z,58,slow=76,SNR=348				
H04S3	CROZET ISLANDS	61.15 216	T	T	05 51 14.1
H04S3	comp=Z,58,slow=76,SNR=746				
H04S2	CROZET ISLANDS	61.15 216	T	T	05 51 13.0
H04S2	comp=Z,58,slow=76,SNR=505				
BVAR	Borovoye Array	61.18 339	P	P	04 45 26.7 -0.9
BVAR	comp=Z,7.6nm,0.4s,baz=144,slow=8.6,SNR=28				
BVAR	Borovoye	61.18 339	P	P	04 45 39.6 -1.8
BVAR	comp=Z,2.7nm,0.6s,baz=144,slow=8.6,SNR=13				
BVAR	Borovoye	61.18 339	P	P	04 45 26.7 -1.2
BORK	Borovoye	61.22 339	P	P	04 45 26.7 -1.2
BORK	comp=Z,25nm,0.6s		IAmb	IAmb	04 45 42.9
BORK	Borovoye	61.22 339	P	Pmax	04 45 26.7 -1.2
BORK	comp=Z,25nm,0.6s		Pmax	Pmax	
YSS	Yuzhno-Sakhali	61.53 31	eP	e	04 45 29.7 -0.4
YSS	Yuzhno-Sakhali	61.53 31	e	e	04 45 42.6
YSS	Yuzhno-Sakhali	61.53 31	e	e	04 46 10.3
YSS	Yuzhno-Sakhali	61.53 31	e	e	04 53 42.7 -5.4
YSS	comp=Z,30nm,1.0s		Pmax	Pmax	
AB31	Akbulak array	62.73 331	P	P	04 45 37.6 -0.5
AB31	Akbulak array	62.73 331	P	P	04 45 37.1 -1.0
AB31	Akbulak array	62.73 331	P	P	04 45 37.1 -1.0
KIBK	Kibwezi	62.91 269	IAmb	IAmb	04 45 41.5 +1.4
KIBK	Kibwezi	62.91 269	IAmb	IAmb	04 45 58.1
KIBK	comp=Z,30nm,0.9s				
KIBK	Kibwezi	62.91 269	P	P	04 45 41.3 +1.2
FURI	Furi	63.19 281	LR	LR	05 08 22.3
FURI	comp=Z,143nm,21.7s,baz=101,slow=31				
LKRn	Lenkeran, Azer	63.28 316	P	P	04 45 43.5 +1.5
KMBO	Kilima Mbogo	63.74 270	P	P	04 45 44.5 -1.3
CASY	Casey	63.82 176	P	P	04 45 46.5 +1.5
AKTO	Aktyubinsk	64.45 311	P	P	04 45 47.1 -1.7
AKT	Akhty	65.30 318	eP	e	04 45 54.8 -0.5
AKT	Akhty	65.30 318	eP	e	04 46 06.5 -2.5
AKT	Akhty	65.30 318	eP	e	04 46 10.8 -3.7
AKT	Akhty	65.30 318	e	e	04 46 25.9
AKT	comp=Z,87nm,1.4s		Pmax	Pmax	
MNGR	Mingechevir, A	65.40 318	P	P	04 45 57.2 +1.5
NAX	Nakhchivan	65.76 316	P	P	04 45 59.5 +1.1
GANJ	Ganja	65.86 317	P	P	04 46 00.1 +1.3
LODK	Lodwar	65.91 275	IAmb	IAmb	04 46 18.5
LODK	comp=Z,44nm,1.1s				
LODK	Lodwar	65.91 275	P	P	04 46 02.3 +2.6
MAK	Makhachkala	66.15 320	eP	e	04 46 02.2 +1.7
MAK	Makhachkala	66.15 320	eP	e	04 54 48.7 +3.1
MAK	Makhachkala	66.15 320	e	e	04 46 02.2 +1.7
MAK	Makhachkala	66.15 320	e	e	04 54 48.7 +3.1
MAK	comp=Z,169nm,1.1s		MLR	MLR	
DZM	Mont Dzaev	66.25 113	P	P	04 46 02.0 +0.3
DZM	comp=Z,17nm,0.7s,baz=254,slow=13,SNR=5.9				
DZM	Mont Dzaev	66.25 113	P	P	04 46 16.5 +0.8
DZM	comp=Z,22nm,0.9s,baz=218,slow=12,SNR=3.5				
GNI	Garni	66.72 316	P	P	04 46 04.1 -0.4
GNI	comp=Z,8.5nm,0.5s,baz=267,slow=0.6,SNR=17				
GNI	Garni	66.72 316	P	P	04 46 19.1 +0.8
GNI	comp=Z,22nm,0.8s,baz=100,slow=16,SNR=3.3				
GNI	Garni	66.72 316	P	P	04 46 04.9 +0.3
GNI	Garni	66.72 316	P	P	04 46 42.4
GNI	comp=Z,35nm,0.8s				
GNI	Garni	66.72 316	P	P	04 46 05.1 +0.6
GNI	Garni	66.72 316cP	P	P	04 46 05.5 +1.0
GNI	Garni	66.72 316	P	P	04 46 05.5 +1.0
GNI	comp=Z,47nm,1.3s				
GNI	Garni	66.72 316	P	P	04 46 04.3 -0.2
GNI	Garni	66.72 316	P	P	04 46 04.8 +0.3
GNI	comp=Z,481nm,comp=Z,41nm,1.0s				
GEVA	Gevas	67.16 314	P	P	04 46 07.4 0.0
SVE	Sverdlovsk	67.70 337	eP	e	04 46 09.7 -0.4
TRLG	Trieltaf	67.76 317	P	P	04 46 11.4 +0.4
YAK	Yakutsk	68.15 14	LR	LR	05 19 49.7
YAK	comp=Z,67nm,18.2s,baz=195,slow=39				
YAK	Yakutsk	68.15 14	P	P	04 46 11.7 -1.1
YAK	Yakutsk	68.15 14	IAmb	IAmb	04 46 12.3
YAK	comp=Z,60nm,0.8s				
YAK	Yakutsk	68.15 14	eP	e	04 46 11.3 -1.5
YAK	Yakutsk	68.15 14	eP	e	04 46 31.0 -1.4
YAK	Yakutsk	68.15 14	e	e	04 46 36.5
YAK	Yakutsk	68.15 14	e	e	04 48 41.8
YAK	Yakutsk	68.15 14	e	e	04 50 19.9
YAK	Yakutsk	68.15 14	e	e	04 55 05.9 -3.1
YAK	Yakutsk	68.15 14	e	e	04 55 39.7 +7.1
YAK	Yakutsk	68.15 14	e	e	04 56 02.8
YAK	Yakutsk	68.15 14	e	e	04 59 30.6 -2.0
YAK	comp=Z,61nm,0.9s		Pmax	Pmax	
YAK	comp=N,21nm,1.5s		Pmax	Pmax	
YAK	comp=E,11nm,1.1s		Pmax	Pmax	
YAK	comp=Z,310nm,4.4s		Pmax	Pmax	
YAK	comp=N,76nm,3.3s		Pmax	Pmax	
YAK	comp=E,128nm,4.8s		Pmax	Pmax	
YAK	comp=E,128nm,5.1s		smax	smax	
YAK	comp=N,106nm,4.2s		smax	smax	

YAK	MLR	MLR			
YAK	comp=Z,660nm,18.0s		MLR	MLR	
YAK	comp=N,523nm,22.0s				
YAK	comp=E,246nm,16.0s		MLR	MLR	
ARTI	Arti	68.28 336	LR	LR	05 18 57.3
ARTI	Arti	68.28 336	P	P	04 46 13.0 -0.8
ARTI	Arti	68.28 336	P	P	04 46 13.2 -0.6
ARTI	Arti	68.28 336cP	P	Pmax	
ARTI	Arti	68.28 336	P	P	04 46 12.8 -1.0
ARTI	Arti	68.28 336	P	P	04 46 27.7 -0.1
ARTI	Arti	68.28 336	P	P	04 46 38.9 -0.3
BATM	Batumi	69.43 316	P	P	04 46 21.3 0.0
BATM	Batumi	69.43 316	P	P	04 46 21.2 0.0
KBZ	Khabaz	69.49 319	P	P	04 46 21.5 0.0
KBZ	comp=Z,37nm,0.8s,baz=117,slow=4.5,SNR=83				
KBZ	comp=Z,37nm,0.8s				
KBZ	Khabaz	69.49 319cP	P	P	04 46 21.8 +0.3
KBZ	Khabaz	69.49 319	P	Pmax	
SHA1	Shidzhatmaz	69.65 319cP	P	P	04 46 23.4 +0.5
KOPT	Kop Dag	69.66 315	P	P	04 46 24.0 +0.9
KVAR	Kislovodsk Arr	69.72 319	P	P	04 46 22.0 -0.9
KVAR	comp=Z,6.3nm,0.7s,baz=134,slow=11,SNR=3.3				
KIV	Kislovodsk	69.73 319	P	P	04 46 23.6 +0.4
KIV	Kislovodsk	69.73 319	eP	e	04 46 23.2 0.0
KIV	Kislovodsk	69.73 319	P	P	04 55 28.7 +0.1
KIV	Kislovodsk	69.73 319	P	P	04 46 23.6 +0.4
KIV	Kislovodsk	69.73 319	P	P	04 46 23.6 +0.4
KIV	Kislovodsk	69.73 319	P	P	04 46 23.2 0.0
KIV	Kislovodsk	69.73 319	P	P	04 46 23.6 +0.4
KIV	Kislovodsk	69.73 319	P	P	04 46 23.2 0.0
ASF	Jabal al Asfar	69.81 306	P	P	04 46 24.6 +0.7
ASF	comp=Z,24nm,0.8s,baz=116,slow=2.3,SNR=34				
ASF	Jabal al Asfar	69.81 306	P	P	04 46 39.0 +1.2
ASF	comp=Z,22nm,0.7s,baz=108,slow=1.7,SNR=12				
ASF	Jabal al Asfar	69.81 306	P	P	05 18 42.2
MAW	Mawson	69.88 195	P	P	04 46 26.1 +2.6
MAW	comp=Z,3.1nm,1.0s				
MAW	Mawson	69.88 195	P	P	04 46 25.1 +1.7
MAW	comp=Z,10nm,0.9s,baz=5.6,SNR=7.0				
MAW	Mawson	69.88 195	P	P	04 46 39.2 +1.9
MAW	comp=Z,12nm,0.9s,baz=12,slow=7.3,SNR=6.7				
MAW	Mawson	69.88 195	P	P	05 10 40.1
MAW	Mawson	69.88 195	P	P	04 46 25.2 +1.7
MAW	Mawson	69.88 195	P	P	04 46 25.2 +1.7
MAW	Mawson	69.88 195	P	P	04 46 25.2 +1.7
MAW	Mawson	69.88 195	P	P	04 46 25.2 +1.7
GOF	Gofitskoye	69.97 320cP	P	P	04 46 24.9 +0.4
MBAR	Mbarara	70.28 270	LR	LR	05 15 53.2
MBAR	comp=Z,74nm,18.0s,baz=73,slow=35				
MBAR	Mbarara	70.28 270	IAmb	IAmb	04 46 28.7 +1.5
MBAR	Mbarara	70.28 270	IAmb	IAmb	04 46 45.9
MBAR	Mbarara	70.28 270	I	I	04 46 28.5 +1.3
MBAR	Mbarara	70.28 270	P	P	04 46 28.7 +1.5
MBAR	Mbarara	70.28 270	P	P	04 46 28.7 +1.5
POGA	Pongola	70.42 242	IAmb	IAmb	04 46 29.3 +1.6
POGA	Pongola	70.42 242	I	I	04 47 12.2
EIL	Elat	70.75 303	P	P	04 46 30.6 +1.0
EIL	comp=Z,31nm,0.8s,baz=134,slow=2.0,SNR=18				
EIL	Eilat	70.75 303	P	P	04 46 44.8 +1.4
EIL	comp=Z,40nm,0.8s,baz=45,slow=3.6,SNR=14				
EIL	Eilat	70.75 303	LR	LR	05 17 19.4
EIL	comp=Z,427nm,19.6s,baz=94,slow=36				
EIL	Eilat	70.75 303	P	P	04 46 28.5 -1.1
BELG	Belogornoye	70.84 329	P	Pmax	
BELG	comp=Z,17nm,1.1s				
SKR	Severo-Kuril's	70.87 34cP	P	P	04 46 31.6 +1.8
GAZ	Gaziantep	71.09 311	IAmb	IAmb	04 46 33.3
GAZ	comp=Z,55nm,1.0s				
MMAI	Mount Meron Ar	71.26 306	P	P	04 46 33.1 +0.4
MMAI	comp=Z,13nm,0.7s,baz=94,slow=8.5,SNR=16			</	

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like DAG, H2K2, TORAD, KODAK, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include TWG Pinlang, TWGBT Beinan, VVUC YVUC, etc.

NAO 10 05:40:51.7, 34.733N-22.89E, h33km, MB3.5
IDC 10 05:41:06.9, 15.0, 36.79N-21.00E, h0km, mb3.5/4,
mbtmp3.5/5, ML4.1/1, Error ellipse: s-maj=256.8km
s-min=58.9km az=156.0

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

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

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

0.1nm, 0.4s, baz=214, slow=5.1, SNR=5.5
0.1nm, 0.4s
IDC 10 05:52:10.6, 1.4, 27.65N-53.19E, h0km, mb4.1/22,
mbtmp4.1/27, ML3.9/4, MS3.7/31, Error ellipse:
s-maj=29.5km s-min=15.1km az=102.0
DSN 10 05:52:10.0, 2.7, 27.01N-52.39E, h10km, ML3.5/7, Error
ellipse: s-maj=39.4km s-min=17.6km az=173.0
MOS 10 05:52:11.9, 1.2, 27.63N-53.09E, h13km, mb4.5/36, Error
ellipse: s-maj=9.9km s-min=4.5km az=108.7
TEH 10 05:52:11.7, 27.71N-53.31E, h5km, 10km, ML4.0,
Presumed earthquake
THR 10 05:52:12.3, 0.0, 27.62N-53.41E, h12km, 6km, ML4.3,
Presumed earthquake
GII 10 05:52:14.4, 0.0, 27.71N-53.22E, h0km, confirmed
NEIC 10 05:52:12.3, 1.6, 27.81N-0.09S, 13E-0.09, h10km, 1km,
mb4.4/30, Error ellipse: s-maj=16.0km s-min=12.0km
az=205.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include KHL1 Khalili Fars, LMD1 Lamerd, LMD1 Lamerd, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include SHME Sham, BANOM Banah, BANOM Banah, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include SHME Sham, BANOM Banah, BANOM Banah, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include SHME Sham, BANOM Banah, BANOM Banah, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include SHME Sham, BANOM Banah, BANOM Banah, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include KIV Kislovodsk, KIV Kislovodsk, CSS Mathiatis, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include KIV Kislovodsk, KIV Kislovodsk, CSS Mathiatis, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include KIV Kislovodsk, KIV Kislovodsk, CSS Mathiatis, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include KIV Kislovodsk, KIV Kislovodsk, CSS Mathiatis, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Rows include KIV Kislovodsk, KIV Kislovodsk, CSS Mathiatis, etc.

5.3nm, 0.3s, baz=70, slow=29, SNR=18
KURSB Kurchatov Arra 5.84 235 Pn Pn 06 57 31.9 +1.6
 0.2nm, 0.3s, baz=53, slow=13, SNR=4.1
 1.0nm, 0.3s
MKAR Makanchi Array 7.79 200 Pn Pn 06 57 58.0 +0.8
 0.4nm, 0.3s, baz=24, slow=13, SNR=13
MKAR 0.1nm, 0.3s, baz=13, slow=33, SNR=2.4
 0.8nm, 0.4s

IDC 10 07:58:51.8±2.5, 6.67S: 129.53E, h0km, mb3.5/1,
 mbtmp3.6/3, ML4.0/2, Error ellipse: s-maj=150.8km
 s-min=33.9km az=68.0
 DJA 10 06:59:03.9±0.3, 7.53°S: 133°0E±, h152km, 8km, M4.2/11,
 mb6.0/2, mb4.2/8, MLV4.2/11, Mw(mb)5.6/2
 ISC 10 06:59:03.5±0.9, 7.16S: 129.8E±0.1, h150km, n9,
 c±341/11, Banda Sea

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
SAUI	Saumlaki	1.73	118	P	Pn	06 59 37.6	+2.1
FAKI	Fak Fak	4.89	31	P	Pn	07 00 12.0	-3.5
KMPI	Kaimana, Papua	5.24	49	P	Pn	07 00 19.8	-0.3
KKSI	Kojima, Sulawesi	6.60	290	P	Pn	07 01 03.7	-1.3
FITZ	Fitzroy Crossi	11.59	200	Sn	Sn	07 03 50.6	-2.0
JAY	Jayapura	11.84	68	P	Pn	07 01 46.4	-1.4
WRA	Waramunga Arr	13.46	161	Pn	Pn	07 02 10.9	-1.7
WRA	0.9nm, 0.3s, baz=343, slow=13, SNR=35						
WRA	0.3nm, 0.3s, baz=354, slow=21, SNR=4.8						
ASAR	Alice Springs	16.89	167	Pn	Pn	07 02 57.0	+5.9
ASAR	0.3nm, 0.3s, baz=344, slow=9.9, SNR=17						
ASAR	0.1nm, 0.3s, baz=354, slow=26, SNR=5.3						
ASAR	0.5nm, 0.4s						
MKAR	Makanchi Array	68.23	327	P	P	07 09 51.0	+3.0
MKAR	0.2nm, 0.5s, baz=121, slow=7.4, SNR=2.2						
MKAR	0.2nm, 0.5s						

SJA 10 07:06:41.1±1.1, 3.52°O: 71.89W, h65km, 11km, ML3.8,
 MW3.6
 NEIC 10 07:06:43.2±2.0, 3.20°O: 71.9W±0.1, h47km, 2km,
 mb4.2/ML3.8(GUC), Error ellipse: s-maj=14.9km
 s-min=6.9km az=87.0
 IDC 10 07:06:44.1±3.7, 3.1°S: 71.75W, h64km, 29km, mb4.0/4,
 mbtmp4.0/9, ML3.7/5, MS3.2/2, Error ellipse: s-maj=34.5km
 s-min=19.8km az=130.0
 GUC 10 07:06:45.2±0.8, 3.2°S: 71.57W, h52km, 2km, ML3.8
 ISC 10 07:06:42.6±0.9, 3.20°S: 0.03°W: 0.04, h50km, 9km,
 n120, c±122/146, mb4.2/5, 15C-11D, Near coast of central
 Chile

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
VA06	Catapilco	0.66	139	P	Pn	07 06 56.6	+0.8
VA06	Catapilco	0.66	139	eP	Sn	07 06 56.6	+0.8
VA06						07 07 04.0	-1.4
VA06						07 07 06.5	
CO04	Los Peladeros	0.71	88	P	Pn	07 06 57.0	+0.2
CO04	Los Peladeros	0.71	88	eP	Sn	07 06 57.0	+0.2
CO04						07 07 05.5	-1.5
CO04						07 07 11.2	
VA01	Torpederas	0.97	172	iP	Pn	07 07 00.9	+1.0
VA01	Torpederas	0.97	172	iS	Pn	07 07 13.1	+0.5
VA01						07 07 14.5	
VA01	comp=Z, 631nm, 0.1s						
VA01	Torpederas	0.97	172	eP	Pn	07 07 01.1	+1.2
VA01	Torpederas	0.97	172	eS	Sn	07 07 12.9	+0.3
VA01						07 07 14.8	
CO02	Combarbal	1.10	39	P	Pn	07 07 02.6	+0.8
CO02	Combarbal	1.10	39	iP	Pn	07 07 02.6	+0.8
CO02						07 07 16.4	+0.3
CO02						07 07 17.1	
CO02	comp=Z, 4um, 0.2s						
CO02	Combarbal	1.10	39	eP	Pn	07 07 02.6	+0.8
CO02						07 07 02.6	+0.8
ROCH	Ei Roble	1.13	143	eP	Sn	07 07 02.6	+0.3
ROCH						07 07 15.7	-1.2
ROCH						07 07 18.1	
VA03	San Esteban	1.27	123	Pn	Pn	07 07 04.3	+0.1
VA03	San Esteban	1.27	123	iP	Pn	07 07 04.0	-0.1
VA03						07 07 23.4	
VA03	San Esteban	1.27	123	eP	Pn	07 07 04.2	+0.1
VA03						07 07 17.9	-2.3
VA03						07 07 20.0	
VA03	comp=E, 6um, 0.2s						
MTA	Curacav	1.32	155	P	Pn	07 07 05.2	+0.5
MT02	Curacav	1.32	155	iP	Sn	07 07 05.2	+0.5
MT02						07 07 22.3	+1.1
MT02						07 07 24.6	
MT02	comp=Z, 459nm, 0.6s						
MT02	Curacav	1.32	155	iP	Pn	07 07 05.1	+0.4
MT02						07 07 20.3	-0.9
MT02						07 07 24.3	
PEL	Peldehue	1.44	139	Pn	Pn	07 07 06.8	+0.5
PEL	Peldehue	1.44	139	eP	Sn	07 07 06.4	+0.1
PEL						07 07 22.9	-1.2
PEL						07 07 23.1	
PEL						07 07 24.1	
MT05	Renca	1.60	146	Pn	Pn	07 07 09.2	+0.7
MT05	Renca	1.60	146	iP	Pn	07 07 08.6	0.0
MT05						07 07 33.7	
MT05	Renca	1.60	146	eP	Pn	07 07 09.3	+0.7
MT05						07 07 27.9	-0.3
MT05						07 07 29.0	
MT10	Hacienda Santa	1.61	139	eP	Pn	07 07 09.4	+0.6
MT10						07 07 27.2	-1.4
MT10						07 07 29.2	
MT14	Cerro Caljn	1.71	141	eP	Pn	07 07 10.7	+0.7
MT14						07 07 30.0	-0.8
MT14						07 07 31.3	
MT16	CCHEN	1.74	142	Pn	Pn	07 07 11.2	+0.8
MT16	CCHEN	1.74	142	eP	Sn	07 07 11.2	+0.8
MT16						07 07 30.6	+1.0
MT16						07 07 32.6	
FCH	Farellones	1.80	135	eP	Pn	07 07 11.8	+0.3
FCH						07 07 32.6	-0.7
FCH						07 07 42.6	
MT03	Universidad Ad	1.80	143	Pn	Pn	07 07 12.2	+0.9
MT03	Universidad Ad	1.80	143	iP	Pn	07 07 12.2	+0.9
MT03						07 07 37.3	
MT03	Universidad Ad	1.80	143	eP	Pn	07 07 11.9	+0.6
MT03						07 07 31.9	-1.1
MT03						07 07 33.9	
MT09	Talagante	1.84	158	Pn	Pn	07 07 13.3	+1.4
MT09	Talagante	1.84	158	eP	Sn	07 07 13.3	+1.4
MT09						07 07 34.1	0.0
MT09						07 07 37.2	
MT01	Popeta	1.85	165	Pn	Pn	07 07 13.2	+1.1
MT01	Popeta	1.85	165	iP	Pn	07 07 13.3	+1.3
MT01						07 07 39.5	
MT01	Popeta	1.85	165	eP	Pn	07 07 13.1	+1.1
MT01						07 07 34.4	+0.1
MT01						07 07 38.4	
MT15	Las Vizcachas	1.88	145	eP	Pn	07 07 13.2	+0.7
MT15						07 07 34.5	-0.5
MT15						07 07 36.0	
MT04	Ro Olivares	1.94	134	iP	Pn	07 07 14.6	+1.2
MT04						07 07 41.9	
MT04	comp=Z, 482nm, 0.2s						

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
						h m s	ISC
MT04	Ro Olivares	1.94	134	eP	Pn	07 07 14.0	+0.6
MT04						07 07 35.2	-1.6
MT04						07 07 38.9	
MT04	comp=N, 3um, 0.1s						
MT12	Pirque	1.97	148	eP	Pn	07 07 14.5	+0.8
MT12						07 07 36.0	-1.3
MT12						07 07 38.5	
MT08	Bocatom Ro	2.04	133	P	Pn	07 07 16.0	+1.2
MT08	Bocatom Ro	2.04	133	iP	Pn	07 07 16.7	+1.9
MT08						07 07 46.5	
MT08	comp=Z, 312nm, 0.5s						
MT08	Bocatom Ro	2.04	133	eP	Pn	07 07 16.2	+1.4
MT08						07 07 38.5	-0.8
MT08						07 07 42.5	
GO04	Tololo Observa	2.08	25	Pn	Pn	07 07 16.2	+0.9
GO04	Tololo Observa	2.08	25	iP	Pn	07 07 16.2	+0.9
GO04						07 07 49.2	
GO04	comp=Z, 2um, 0.2s						
GO04	Tololo Observa	2.08	25	eP	Pn	07 07 16.1	+0.9
GO04						07 07 40.2	+0.2
GO04						07 07 48.3	
RTLS	Leontico	2.15	84	iP	Pn	07 07 18.2	+1.9
RTLS						07 07 48.7	
BO04	La Punta	2.17	153	Pn	Pn	07 07 17.4	+1.0
BO04	La Punta	2.17	153	eP	Pn	07 07 17.3	+1.0
BO04						07 07 44.3	
BO04	comp=E, 2um, 0.4s						
LMEL	Las Melosas	2.23	143	eP	Pn	07 07 18.4	+1.0
LMEL						07 07 42.3	-1.5
LMEL						07 07 46.2	
BO01	Tunca	2.40	165	Pn	Pn	07 07 20.7	+1.2
BO01	Tunca	2.40	165	iP	Pn	07 07 20.4	+0.9
BO01						07 07 52.3	
BO01	comp=Z, 216nm, 0.5s						
BO01	Tunca	2.40	165	eP	Pn	07 07 20.3	+0.9
BO01						07 07 47.7	+0.1
BO01						07 07 51.4	
BO03	Pichilemu	2.43	183	eP	Pn	07 07 20.6	+0.8
BO03						07 07 47.8	-0.5
BO03						07 07 48.4	
CO01	Juntas del Tor	2.55	36	iP	Pn	07 07 23.0	+1.3
CO01						07 07 56.0	
CO01	comp=Z, 308nm, 0.2s						
CO01	Juntas del Tor	2.55	36	eP	Pn	07 07 23.2	+1.4
CO01						07 07 52.0	+0.4
CO01						07 07 53.9	
ARCO	CERRO ARCO	2.56					

10d 7h

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KABU Katmai Buttes, M22K Willow, ANCK Angle Creek, etc.

2020 JUN

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like J16K Anvik River, BERG Berg Lake, CHGN Chignik, etc.

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Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like RAO Raoul Island, GLKZ Green Lake, SANVU Saraoutou, etc.

NOU 10 07:16:18.8, 15:73S:177:39W, h433km, mb4.6/41, Fiji Islands Region
NEIC 10 07:16:20.0, 2.7, 15.7S:0.1x:177:7W:0.0, h425km, mb4.3/145, Error ellipse: s-maj=16.4km s-min=12.7km az=135.0
IDC 10 07:16:22.1, 1.1, 15.64S:177:97W, h448km, 10km, mb3.0/18, mbtmp4.5/20, Error ellipse: s-maj=14.9km s-min=10.0km az=140.0
ISC 10 07:16:21.0, 4.0, 3, 15.77S:0.05:177:70W:0.05, h450km, #487, s1926/435, mb4.2/92, 1C-8D, Fiji Islands region

565 **2020 JUN** 10d 7h

565	PETK	Petrovsk-Chernabura Isl	71.80	345	P	P	07 26 56.5	-0.4	EYAK	Cordova Ski Ar	80.28	15	P	P	07 27 44.2	+0.3	G19K	Purcell Mount	83.12	8	P	P	07 27 58.8	+0.4
	CHNA	baz=198	71.99	11	P	P	07 26 59.1	+1.1	PMR	Palmer	80.38	13	P	P	07 27 45.7	+1.4	MLY	Manley	83.12	11	P	P	07 27 58.4	-0.1
	SDPT	Sand Point	72.33	10	P	P	07 27 00.7	+0.7	I17K	Unakleet	80.49	8	P	P	07 27 45.9	+1.0	BVCY	Beaver Creek	83.13	16	P	P	07 27 58.8	+0.3
	S14K	Saint Paul Isl	72.94	4	P	P	07 27 04.8	+1.4	U15A	North Rim	80.59	48	Iamb	Iamb	07 27 49.9		WRH	Wood River Hill	83.15	12	Iamb	Iamb	07 28 01.8	
	KSR5	Fog Glacier	73.38	10	P	P	07 27 06.7	+0.6	U33K	Whale Pass	80.77	23	P	P	07 27 46.4	-0.1	Q32M	Nakina River	83.16	22	P	P	07 27 59.2	+0.2
	KSAR	Korea Array	73.57	318	P	P	07 27 08.2	+0.7	V35K	Ketchikan	80.80	25	P	P	07 27 46.2	-0.4	F18K	Selawik	83.22	7	P	P	07 27 58.7	-0.1
	KSAR	Wonju Array Be	73.59	318	P	P	07 27 07.6	-0.1	CUT	Chulitna	80.86	13	P	P	07 27 47.0	+0.1	O30N	Mendenhall	83.22	19	P	P	07 27 59.5	+0.4
	QSPA	South Pole Qui	74.27	180	P	P	07 27 12.7	+1.4	L22K	Petersville	80.86	12	P	P	07 27 46.2	-0.8	RIDG	Independent Ri	83.23	14	Iamb	Iamb	07 27 59.9	
	QSPA	South Pole Qui	74.27	180	P	P	07 27 13.0	+1.7	PPLA	Purkeypile	80.91	12	P	P	07 27 47.5	+0.1	RIDG	Independent Ri	83.23	14	P	P	07 27 59.1	0.0
	PMP5	Monarch Peak	74.56	45	P	P	07 27 14.9	+1.6	BMRM	Bremner River	80.93	16	P	P	07 27 47.7	+0.3	H21K	Melozitna Rive	83.30	10	Iamb	Iamb	07 28 01.2	
	KMRM	Mali Ridge	74.95	40	P	P	07 27 17.0	+1.5	MESA	MESA	80.99	17	P	P	07 27 48.4	+0.6	H21K	Melozitna Rive	83.30	10	P	P	07 27 59.1	-0.3
	R17L	Mt. Peulik Vol	75.24	12	P	P	07 27 17.2	+0.6	K20K	Telida	80.99	11	Iamb	Iamb	07 27 50.8		HDA	Harding Lake	83.33	13	P	P	07 27 59.7	+0.2
	KHMM	Horse Mountain	75.32	39	P	P	07 27 18.4	+0.8	K20K	Telida	80.99	11	P	P	07 27 48.5	+0.9	L27K	Beaver Creek	83.40	16	P	P	07 27 60.0	0.0
	KHMM	Horse Mountain	75.32	39	P	P	07 27 18.9	+0.9	SCM	Sheep Creek Mo	81.00	14	P	P	07 27 48.1	+0.4	BCAR	Beaver Creek A	83.42	16	P	P	07 27 60.0	0.0
	O02D	Mt. Diablo Mer	75.50	40	Iamb	Iamb	07 27 20.0	+1.4	SS1K	Pelican	81.02	21	P	P	07 27 48.5	+0.7	E17K	Hotham Inlet	83.46	6	P	P	07 27 60.1	+0.1
	O02D	Mt. Diablo Mer	75.50	40	Iamb	Iamb	07 27 20.0	+1.4	H16K	Elim	81.03	7	P	P	07 27 48.4	+0.7	N30M	Aishik Lake	83.45	18	P	P	07 28 01.0	+0.8
	OHAK	Old Harbor	75.51	13	P	P	07 27 18.9	+0.9	KLU	Klutina	81.04	15	P	P	07 27 48.4	+0.4	I23K	Minto, Yukon-K	83.49	12	P	P	07 28 01.0	+0.8
	YES	Vestal, Richgr	75.53	46	P	P	07 27 18.9	+0.9	CRQE	Cirque	81.15	16	P	P	07 27 49.2	+0.7	WHY	Whitehorse	83.53	20	P	P	07 28 01.0	+0.3
	YES	Vestal, Richgr	75.53	46	P	P	07 27 21.1		G15K	Niukluk	81.19	6	P	P	07 27 48.9	+0.4	BLSD	Blindstream Ca	83.54	45	Iamb	Iamb	07 28 04.3	
	O14K	Tiguykuivmet M	75.95	9	P	P	07 27 21.3	+0.8	S32K	Killisnoo	81.23	22	P	P	07 27 49.7	+0.9	COLA	College	83.55	12	P	P	07 28 00.4	-0.2
	O15K	Ungalikthiuk R	76.09	9	P	P	07 27 21.9	+0.6	WRAK	Wrangell Islan	81.29	24	P	P	07 27 49.7	+0.5	COLA	College	83.55	12	P	P	07 28 00.8	+0.3
	Q16K	King Salmon	76.17	11	P	P	07 27 22.4	+0.7	J19K	Poorman	81.32	10	P	P	07 27 50.4	+1.1	BCYI	Bear Canyon	83.58	41	Iamb	Iamb	07 28 03.9	
	KD4K	Kodiak Island	76.18	14	P	P	07 27 21.9	+0.1	CASD	Castle Rocks	81.41	11	P	P	07 27 50.2	+0.4	PV05	Paradox Valley	83.61	48	Iamb	Iamb	07 28 04.5	
	KD4K	Kodiak Island	76.18	14	P	P	07 27 22.9		MTPU	Mount Pierson	81.42	47	Iamb	Iamb	07 27 54.7		DLBO	Deer Lake	83.61	23	P	P	07 27 60.0	-1.1
	KD4K	Kodiak Island	76.18	14	P	P	07 27 22.5	+0.8	PINM	Pinnacle	81.42	18	P	P	07 27 50.1	+0.2	SCRK	Sand Creek	83.63	14	Iamb	Iamb	07 28 02.6	
	P16K	Nushagak River	76.26	10	P	P	07 27 23.3	+1.2	TNA	Tin City	81.42	4	P	P	07 27 50.4	+0.8	SCRK	Sand Creek	83.63	14	Iamb	Iamb	07 28 01.2	+0.1
	YBH	Yreka Blue Hor	76.45	39	P	P	07 27 25.7	+1.9	F14K	Arctic Creek	81.46	5	P	P	07 27 50.6	+0.7	ILAR	Eielson Array	83.66	13	P	P	07 28 00.8	-0.3
	YBH	Yreka Blue Hor	76.45	39	P	P	07 27 25.2	+1.4	N25K	Chitina, Valde	81.47	15	P	P	07 27 50.7	+0.5	ILAR	Eielson Array	83.66	13	P	P	07 28 00.7	-0.4
	YBH	Yreka Blue Hor	76.45	39	P	P	07 27 27.0		M24K	Tolsona, Glenn	81.51	14	P	P	07 27 51.0	+0.7	F19K	Shalericuk Mo	83.68	8	Iamb	Iamb	07 28 02.1	
	Q18K	Katmai Hardscr	76.46	12	P	P	07 27 24.0	+0.5	GLB	Gitahina Butte	81.54	16	Iamb	Iamb	07 27 51.8		PV10	Paradox Valley	83.78	47	Iamb	Iamb	07 28 04.7	
	N14K	Kuskokwak Cree	76.54	8	P	P	07 27 24.4	+0.7	WAT6	Susitna Watana	81.56	14	P	P	07 27 50.8	+0.1	H22K	Ishlitalina Cre	83.79	11	Iamb	Iamb	07 28 04.8	
	CCCA	Chr Cany lake	76.56	47	Iamb	Iamb	07 27 27.5		H17K	Granite Mounta	81.60	8	P	P	07 27 50.9	+0.2	H22K	Ishlitalina Cre	83.79	11	P	P	07 28 01.9	+0.1
	P17K	Kivchak River	76.69	11	P	P	07 27 24.8	+0.2	WAT1	Susitna Watana	81.60	13	P	P	07 27 50.5	-0.2	PV19	Morning Glor	83.79	48	Iamb	Iamb	07 28 05.3	
	BELC	Belle Mtn, Jos	76.77	49	Iamb	Iamb	07 27 28.3	+1.2	MCAR	McCarthy VSAT	81.69	16	P	P	07 27 51.1	-0.1	M29M	Somme Creek	83.82	17	P	P	07 28 01.9	-0.2
	O16K	Kokwok River B	76.77	10	P	P	07 27 25.3	+0.2	J20K	Nowinta River	81.73	10	Iamb	Iamb	07 27 53.1		J25K	Salcha River	83.86	13	Iamb	Iamb	07 28 02.9	
	GSC	Goldstone, Bar	76.84	47	Iamb	Iamb	07 27 30.1		J20K	Nowinta River	81.73	10	P	P	07 27 51.5	+0.1	J25K	Salcha River	83.86	13	P	P	07 28 02.1	-0.1
	BEKR	Beckworth	76.86	42	Iamb	Iamb	07 27 27.4	+1.2	G16K	Koyuk River	81.75	6	P	P	07 27 51.2	-0.2	N31M	Braeburn, Yuko	83.87	19	P	P	07 28 01.4	-0.8
	PNTR	Pine Nut	76.92	43	Iamb	Iamb	07 27 29.6		TRF	Thorofare Moun	81.79	12	Iamb	Iamb	07 27 53.5		P33M	Teslin, Yukon	83.88	21	P	P	07 28 01.8	-0.6
	Q19K	Cape Douglas,	76.99	13	P	P	07 27 27.0	+0.7	TRF	Thorofare Moun	81.79	12	P	P	07 27 51.3	-0.6	PV04	Paradox Valley	83.88	47	Iamb	Iamb	07 28 21.7	
	N15K	Kwethluk River	77.00	9	P	P	07 27 27.0	+0.7	CHUM	Lake Minchumin	81.79	11	P	P	07 27 51.3	-0.3	E18K	Tukpahlearik C	83.90	7	P	P	07 28 02.5	+0.2
	DSP	Deep Springs	77.09	45	Iamb	Iamb	07 27 30.6		LOGN	Logan Glacier	81.79	17	P	P	07 27 52.0	+0.1	PV21	Gene Mtn., Par	83.91	47	Iamb	Iamb	07 28 09.3	
	DSP	Deep Springs	77.09	45	Iamb	Iamb	07 27 30.6		LOGN	Logan Glacier	81.79	17	P	P	07 27 54.4		D17K	Noatak River	83.92	6	P	P	07 28 02.6	+0.2
	P18K	Big Mountain,	77.10	12	P	P	07 27 27.2	+0.2	BARN	Barnard Glacier	81.80	17	Iamb	Iamb	07 27 54.0		R33M	Jennings River	83.94	22	P	P	07 28 03.3	+0.5
	O17K	Koliganek Bris	77.11	11	P	P	07 27 27.1	+0.2	P29M	Windy Craggy	81.82	19	P	P	07 27 51.4	-0.5	G21K	Allakaket	84.00	10	Iamb	Iamb	07 28 06.0	
	LHV	Little Huntoon	77.19	44	Iamb	Iamb	07 27 31.1		R32K	Eaglecrest	81.86	21	P	P	07 27 52.4	+0.3	G21K	Allakaket	84.00	10	P	P	07 28 02.9	+0.2
	M14K	Bethe	77.30	8	P	P	07 27 28.9	+1.1	O28M	Mount Upton	81.98	18	Iamb	Iamb	07 27 54.7		H23K	Yukon River	84.06	11	P	P	07 28 03.2	+0.1
	M15K	Kasigluk River	77.42	8	P	P	07 27 29.2	+0.7	O28M	Mount Upton	81.98	18	P	P	07 27 52.9	-0.2	F20K	Avrargo Lake	84.16	8	P	P	07 28 03.5	0.0
	NVAR	Mina Array Bea	77.42	44	P	P	07 27 30.6	+1.2	H18K	Honhosa River	82.01	8	P	P	07 27 53.2	+0.4	BELA	Bela	84.19	173	P	P	07 28 04.5	+0.8
	NVAR	Mina Array Bea	77.42	44	P	P	07 27 30.4	+0.8	HARP	HAARP	82.01	15	P	P	07 27 53.0	+0.1	BELA	Bela	84.19	173	P	P	07 28 05.8	
	IRIM	Iron Mountain	77.47	49	Iamb	Iamb	07 27 34.4		G17K	Kiwaalik Mounta	82.05	7	P	P	07 27 53.4	+0.5	ANMO	Albuquerque	84.25	51	P	P	07 28 05.9	+0.9
	IRIM	Iron Mountain	77.47	49	Iamb	Iamb	07 27 34.4		DHY	Dezi Highway	82.08	13	P	P	07 27 54.0	+0.6	TXAR	Lajitas Array	84.28	58	P	P	07 28 06.8	+1.6
	N16K	Nishlik Lake	77.50	9	P	P	07 27 29.3	+0.3	O29M	Mount Kennedy	82.09	18	P	P	07 27 54.1	+0.7	C16K	Lajitas Array	84.28	58	P	P	07 28 04.8	+0.7
	O18K	Koktuh Hills	77.54	11	P	P	07 27 29.0	-0.2	PLBC	Pleasant Camp	82.13	20	P	P	07 27 54.1	+0.6	E19K	Redstone River	84.34	8	Iamb	Iamb	07 28 06.2	
	O18K	Koktuh Hills																						

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SARAUOUTOU, MARE, YATINC, etc.

SJA 10 07:57:32.8, 1.4, 37.75Sx73.44W, h94km, 13km, ML3.5, MW3.5

GUC 10 07:57:35.3, 0.5, 37.74Sx73.23W, h28km, 6km, ML3.6

ISC 10 07:57:34.6, 1.9, 37.78Sx73.46W, 0.08, h177km, 20km, n30, -0870.33, 1C, Near coast of central Chile

Main table of station data for the first section, including stations like BI04, LC02, BI05, etc.

NAO 10 07:58:49.1, 36.23N, 23.55E, h33km, MB3.4

ATH 10 07:58:59.1, 37.19N, 20.40E, h9km, 2km, ML3.5/13

ISC 10 07:59:01.0, 1.4, 37.31N, 0.04, 20.54E, 0.05, h13km, 9km, n64, -1922.78, mb3.45, Ionian Sea

Table of station data for the second section, including stations like LTHK, ORTH, KYPS, etc.

Table of station data for the third section, including stations like AMT, PYL, RLS, etc.

ASRS 10 08:04:38.0, 1.0, 53.57N, 87.65E, h0km, M2.5 (MOS), The earthquake of Russia in 2020, Obninsk, GS RAS, 2022

ISC 10 08:04:41.3, 2.5359N, 87.67E, h0km, mbtmp2.8, ML2.5/2, 4D, Error ellipse: s-maj=29.0km s-min=16.7km

az=53.0, Southwestern Siberia

Table of station data for the fourth section, including stations like I46RU, ZALV, KURK, etc.

WEL 10 08:06:48.2, 1.2, 31.1S, 16.179E, 3.6, h389km, 38km, M3.8, 5, MB4.1/5, ML4.1/7, MLV4.2/4, Mw(mb)3.1/5, Error ellipse: s-maj=50.3km s-min=11.2km az=110.4

confirmed, Kermadec Islands region

Table of station data for the fifth section, including stations like WMGZ, HAZ, PKGZ, etc.

WEL 10 08:06:48.2, 1.2, 31.1S, 16.179E, 3.6, h389km, 38km, M3.8, 5, MB4.1/5, ML4.1/7, MLV4.2/4, Mw(mb)3.1/5, Error ellipse: s-maj=50.3km s-min=11.2km az=110.4

confirmed, Kermadec Islands region

Table of station data for the sixth section, including stations like WNGZ, HAZ, PKGZ, etc.

Table of station data for the seventh section, including stations like PNHZ, PRHZ, EGGANO, etc.

ISC 10 08:22:40.0, 0.0, 7.44, 33N, 115.10W, h0km, mb3.0/1, mbtmp2.8/5, ML2.9/4, MS2.6/1, Error ellipse: s-maj=9.5km s-min=7.2km az=72.0

ISC 10 08:22:41.1, 1.1, 6.44, 29N, 0.02, 115.04W, 0.02, h5km, 5km, Error ellipse: s-maj=3.0km s-min=2.1km az=190.0

ISC 10 08:22:41.0, 2.0, 44.29N, 0.02, 115.04W, 0.02, h11km, 10km, ML2.9/6Z, ML3.3/29(BUT), Error ellipse: s-maj=3.3km s-min=1.5km az=192.0

ISC 10 08:22:40.9, 1.2, 44.31N, 0.03, 115.06W, 0.03, h5km, 11km, n50, -1359/59, Western Idaho

Table of station data for the eighth section, including stations like HDID, PLID, PLID, etc.

ISC 10 08:24:04.3, 2.5359N, 87.67E, h0km, mbtmp2.8, ML2.5/2, 4D, Error ellipse: s-maj=29.0km s-min=16.7km az=53.0, Southwestern Siberia

Table of station data for the ninth section, including stations like I46RU, ZALV, KURK, etc.

WEL 10 08:06:48.2, 1.2, 31.1S, 16.179E, 3.6, h389km, 38km, M3.8, 5, MB4.1/5, ML4.1/7, MLV4.2/4, Mw(mb)3.1/5, Error ellipse: s-maj=50.3km s-min=11.2km az=110.4

confirmed, Kermadec Islands region

Table of station data for the tenth section, including stations like WNGZ, HAZ, PKGZ, etc.

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
JTS	Las Juntas de V. Platano	5.61	2	eP	Pn	10 51 21.0 -1.2
VPL1	Monte Verde	5.63	4	eP	Pn	10 51 22.9 +0.2
MTEVE	Chiripa	5.64	4	eP	Pn	10 51 22.3 -0.6
CHIK	Castillo	5.76	3	eP	Pn	10 51 24.9 +0.4
CASO	Arenal 1	5.76	5	eP	Pn	10 51 24.0 +0.0
ARE1	V. Arenal	5.79	5	eP	Pn	10 51 25.0 +0.2
VARE2	Fortuna	5.80	5	eP	Pn	10 51 25.3 +0.5
FORC	Azuero	5.80	57	eP	Pn	10 51 25.8 +0.9
AZU	Volcan Arenal	5.80	5	eP	Pn	10 51 26.1 +1.2
VACH	Laguna Cedena	5.81	5	eP	Pn	10 51 26.1 +1.0
CEDE	Tabaco	5.82	4	eP	Pn	10 51 26.1 +0.3
ARET	Tierras Moreno	5.89	2	eP	Pn	10 51 25.3 -0.9
TIMP	Liberia Airpor	5.91 357	eP	Pn	10 51 25.6 -0.8	
ALIB	El Achiotte	6.01	2	eP	Pn	10 51 26.8 -1.0
TENO	Tortugero	6.04	14	P	Pn	10 51 27.8 -0.4
TRT2	Tortugero	6.04	14	P	Pn	10 52 30.0 +1.5
TRT2	Mesas	6.05	0	eP	Pn	10 51 27.0 -1.4
MESS	Hotel Rincon d	6.06 359	eP	Pn	10 51 27.1 -1.1	
GPS2	Coope Vega, Sa	6.08	7	P	Pn	10 51 28.8 +0.0
COVE	Finca la Perla	6.08 358	eP	Pn	10 51 29.6 +0.6	
ARPC	Agua Clara	6.12	1	eP	Pn	10 51 29.6 +0.2
CLARA	Armenia, Volca	6.12 359	eP	Pn	10 51 30.5 +1.0	
VMAR	VORI	6.40 356	eP	Pn	10 51 34.1 +1.0	
VORI	La Cruz	6.40 356	eP	Pn	10 51 35.5 +1.0	
LCRUZ	Rivas	6.52 357	S	Pn	10 51 35.1 +0.4	
CARN	OMEN AI SSO del Vol	6.86 356	P	Pn	10 51 39.9 +0.5	
OMEN	AI SSO del Vol	6.86 356	P	Pn	10 51 40.6 +1.1	
JAPN	AI O del Volca	7.21 103	P	Pn	10 51 42.7 -1.5	
MORN	Gorgona, Isla	7.27	0	P	Pn	10 52 03.4 -0.3
GRIC	Acopya	7.27	0	P	Pn	10 51 50.6 +2.1
ACON	Laguna Tiscapa	7.51 352	P	Pn	10 51 50.6 +2.1	
TISN	Managua	7.51 352	P	Pn	10 51 49.7 +1.1	
MGAN	Americas 2	7.52 353	P	Pn	10 51 52.2 +0.4	
WILB	BOAC BROADBAN	7.6 357	P	Pn	10 51 52.1 +1.3	
BOAC	El Madrono	7.90 349	S	Pn	10 53 19.0 -4.2	
JACH	MACN	7.93 349	S	Pn	10 51 54.9 +0.8	
MACN	AI SSO del Vol	7.93 349	P	Pn	10 51 55.6 +1.3	
CNGA	Cerro Negro	7.96 349	P	Pn	10 51 56.0 +1.4	
ROCN	Rota Cerro Neg	8.25 355	P	Pn	10 51 58.6 -0.1	
CHNS	Matagalpa	8.25 355	P	Pn	10 51 58.1 +1.5	
MATN	Balboa, Cauca	8.43 352	P	Pn	10 52 02.2 +1.1	
EBAC	LIMN Finca El Limon	8.43 352	P	Pn	10 52 03.5 +0.2	
LIMN	Cosiguina Volc	8.59 344	P	Pn	10 52 03.7 -0.2	
CSGN	Jamundi, Valle	8.62 99	P	Pn	10 52 04.9 -0.9	
JAMC	Popayan, Colom	8.76 104	P	Pn	10 52 09.9 +2.0	
POPC	Vanilla2	8.93 354	P	Pn	10 52 10.6 +2.5	
RCVN	INTP	8.94 342	P	Pn	10 52 09.8 +1.5	
INTP	Conchagua	8.95 343	eP	Pn	10 52 08.7 +0.4	
INTP	Conchagua	8.95 343	eP	Pn	10 52 09.7 +0.9	
CNCH	La Caada	9.00 343	eP	Pn	10 52 09.9 +1.0	
LNCD	La Caada	9.01 352	P	Pn	10 52 14.1 +1.2	
LNCD	Estacion meteo	9.29 341	eP	Pn	10 52 14.9 +0.9	
OCOM	Pacayal	9.37 340	eP	Pn	10 52 19.2 +1.8	
PACA	Tecapa	9.62 338	P	Pn	10 52 19.1 +1.0	
TECA	Centro de Oper	9.66 337	eP	Pn	10 52 22.1 +1.1	
COEG	Alcalda de S	9.66 337	eP	Pn	10 52 22.9 +1.5	
SJTE	Jayaque - finc	9.88 335	eP	Pn	10 52 22.9 +1.5	
JAVA	Jayaque - finc	9.88 335	eP	Pn	10 52 22.9 +1.5	
JAYA	Pres 5 de nov	9.91 340	P	Pn	10 52 26.0 +1.8	
PSNO	Cerro Verde	10.11 335	eP	Pn	10 52 26.3 +1.9	
CEVE	San Blas	10.12 335	eP	Pn	10 52 27.6 +1.6	
SBSL	Las Nubes	10.24 334	eP	Pn	10 52 31.1 +1.5	
NUBE	Alcaldia de Sa	10.35 334	P	Pn	10 52 31.0 +2.6	
SLOZ	Montecristo	11.52 337	P	Pn	10 52 31.8 +2.0	
MTOS	El Apazote	11.52 334	Pn	LR	10 56 50.5	
APG	comp=Z,5.4nm,21.9s,baz=171,slow=39					
APG	0.1nm,0.3s,baz=104,slow=13,SNR=4.5					
CMIG	Matias Romero	15.58 323	Pn	P	10 53 43.4 +0.5	
CMIG	0.8nm,0.3s,baz=140,slow=5,SNR=12					
TXAR	Lajitas Array	30.14 327	P	P	10 56 08.2 -0.9	
TXAR	0.9nm,0.7s,baz=146,slow=6.1,SNR=2.6					
PFO	Pinyon Flats O	40.94 319	LR	LR	11 14 59.4	
PFO	comp=Z,27nm,18.8s,baz=58					
PDAR	Pinedale Array	43.68 334	P	P	10 57 51.5 -1.3	
PDAR	0.1nm,0.3s,baz=143,slow=9.0,SNR=1.4					
PDAR	comp=Z,12nm,18.5s,baz=58,slow=42					
PDAR	0.1nm,0.3s					
NVAR	Mina Array Bea	45.12 323	P	P	10 58 16.9 +1.2	
NVAR	1.5nm,0.7s,baz=146,slow=4.4,SNR=5.6					
ILAR	Eielson Array	74.01 337	P	P	10 51 27.4 -7.0	
ILAR	0.1nm,0.7s,baz=88,slow=6.4,SNR=5.0					
ILAR	0.1nm,0.7s					
JMA	10 10 56:14.9,0.2,23.6N:0.5x:121.9E:0.7,h12km,MV3.4/16,					
JMA	TAIWAN REGION					
TAP	10 10 56:16.3,23.62N:121.75E,h35km,ML3.9,C					
TAP	ISC 10 10 56:15.5,0.9,23.59N:0.02:121.81E:0.02,h33km,4km,					
TAP	n143,e096/253,3C-19Z,Taiwan					
TEGC	Jichi Village	0.28 295	Op	ISC	10 56 23.3 +0.1	
TEGC	Shoufeng	0.30 310	Op	Sb	10 56 23.6 -0.0	
SHUL	Shoufeng	0.30 310	Op	Sb	10 56 29.0 +0.3	
SHUL	Yanliu Villag	0.34 324	Op	Sb	10 56 24.3 +0.2	
TEYL	TEYL	0.41 288	Op	Sb	10 56 30.4 +0.6	
WARBT	Fenglin Townsh	0.41 288	Op	Sb	10 56 24.7 -0.1	
WARBT	ESL	0.41 202	Op	Sb	10 56 30.5 -0.5	
ESL	Shilin	0.42 102	Op	Sb	10 56 24.4 -0.3	
ESL	Hwalien	0.43 334	Op	Sb	10 56 30.1 -1.0	
HWA	Hwalien	0.43 334	Op	Sb	10 56 25.1 +0.1	
HWA	Changbin	0.43 231	Op	Sb	10 56 32.0 +0.2	
ECBN	Changbin	0.43 231	Op	Sb	10 56 25.4 +0.3	
EYH	Wanrong	0.44 257	Op	Sb	10 56 25.7 +0.1	
EYH	Hungye	0.46 259	Op	Sb	10 56 32.2 +0.4	
EYH	Tongmen	0.47 322	Op	Sb	10 56 25.7 +0.3	
ETM	Tongmen	0.47 322	Op	Sb	10 56 32.4 +0.1	
YULB	Yu-li	0.51 247	Op	Sb	10 56 31.8 -0.9	
YULB	Yu-li	0.51 247	Op	Sb	10 56 26.6 +0.3	
YULB	Yuli	0.52 244	Op	Sb	10 56 34.1 +0.4	
EYUL	Chiawan	0.53 338	Op	Sb	10 56 26.8 +0.5	
TWD	Chiawan	0.53 338	Op	Sb	10 56 26.2 -0.3	
TWD	Yuli	0.53 243	Op	Sb	10 56 33.3 -0.7	
TWF1	Yuli	0.53 243	Op	Sb	10 56 27.0 +0.4	
CHKH	Chengggong	0.55 224	Op	Sb	10 56 34.6 +0.4	
CHKH	Fush Village	0.59 343	Op	Sb	10 56 26.5 +0.2	
ETL	Fush Village	0.59 343	Op	Sb	10 56 33.9 -0.9	
NACB	Ninganchiao	0.61 341	Op	Sb	10 56 27.1 -0.5	
NACB	Ninganchiao	0.61 341	Op	Sb	10 56 34.8 -1.1	
NACB	Fuli	0.62 231	Op	Sb	10 56 27.5 -0.4	
FULB	Fuli	0.62 231	Op	Sb	10 56 32.3 -0.6	
FULB	Fuli	0.62 231	Op	Sb	10 56 28.2 -1.2	
VWDT	VWDT	0.64 285	Op	Sb	10 56 36.4 -0.1	
VWDT	Chengkung	0.64 285	Op	Sb	10 56 28.4 +0.1	
CHKT	Chengkung	0.64 285	Op	Sb	10 56 36.2 -0.9	
CHKT	Xiulin Townshi	0.68 320	Op	Sb	10 56 27.9 -0.5	
ETHL	Xiulin Townshi	0.68 320	Op	Sb	10 56 31.1 -1.1	
ETHL	Renai	0.69 302	Op	Sb	10 56 28.7 -0.4	
OWD	Renai	0.69 302	Op	Sb	10 56 37.7 -0.7	
OWD	EOS4	0.70 41	Op	Sb	10 56 28.9 -0.3	
EOS4	EOS4	0.70 41	Op	Sb	10 56 37.6 -1.0	
EOS4	Haiduan	0.71 232	Op	Sb	10 56 37.5 +0.7	
EHD	Haiduan	0.71 232	Op	Sb	10 56 28.7 +0.4	
EHD	Aohua	0.74 355	Op	Sb	10 56 29.1 -0.5	
EAHA	Aohua	0.74 355	Op	Sb	10 56 39.0 -0.1	
ECS	Chishang	0.74 228	Op	Sb	10 56 29.4 -0.6	
ECS	Chishang	0.74 228	Op	Sb	10 56 39.0 -0.7	
WHF	Henghun Shan	0.75 302	Op	Sb	10 56 40.7 +1.0	
WHF	Renai	0.75 302	Op	Sb	10 56 29.7 -0.7	
WUSB	Renai	0.75 302	Op	Sb	10 56 39.2 -1.3	
WUSB	Renai	0.75 302	Op	Sb	10 56 30.1 -0.2	
WUSB	Renai	0.75 302	Op	Sb	10 56 39.3 -1.0	
SSLB	Suanglung	0.81 284	P	Pb	10 56 30.8 -0.4	
SSLB	Suanglung	0.81 284	eP	Sb	10 56 30.6 -0.6	
SSLB	EOS3	0.83 34	eP	Sb	10 56 40.4 -1.5	
EOS3	EOS3	0.83 34	eP	Sb	10 56 31.7 +0.9	
EDTW	Lidau	0.83 241	eP	Sb	10 56 43.0 +1.2	
EDLTW	Fushou	0.83 321	eP	Sb	10 56 40.8 -1.9	
FUSS	Fushou	0.83 321	eP	Sb	10 56 31.5 -0.3	
FUSS	Wuta	0.85 358	eP	Sb	10 56 41.8 -1.0	
EWUT	Tachien	0.88 319	eP	Sb	10 56 31.2 -0.6	
TWT	Sun Moon Lake	0.89 289	eP	Sb	10 56 32.3 +0.6	
SMLT	Xinyi Township	0.89 277	eP	Sb	10 56 43.9 -1.3	
WHYT	Techi	0.89 318	eP	Sb	10 56 32.1 -0.4	
TDCE	Techi	0.89 318	eP	Sb	10 56 43.9 -0.3	
TDCE	EOS2	0.91 25	eP	Sb	10 56 32.5 +0.7	
EOS2	Datong	0.92 335	eP	Sb	10 56 43.8 -1.5	
NNSB	Datong	0.92 335	eP	Sb	10 56 33.1 +1.3	
NNSB	Longtian	0.93 223	eP	Sb	10 56 32.5 -0.6	
LNST	Alishan	0.93 265	eP	Sb	10 56 40.0 -1.1	
ALNS	Alishan	0.93 265	eP	Sb	10 56 40.0 -1.1	
ALNS	Nan Shan	0.94 335	eP	Sb	10 56 42.0 -1.1	
NNS	Nan Shan	0.94 335	eP	Sb	10 56 32.0 -1.1	
NNS	Beigang Elemen	0.95 299	eP	Sb	10 56 45.1 -0.4	
WCS	Beigang Elemen	0.95 299	eP	Sb	10 56 32.9 +0.8	
WCS	LDUT	0.97 199	eP	Sb	10 56 44.0 -1.6	
LDUT	Datong	0.97 344	eP	Sb	10 56 33.2 -0.3	
LDUT	Datong	0.97 344	eP	Sb	10 56 32.5 -0.3	
LDAT	Latg	0.98 2	eP	Sb	10 56 33.9 -2.4	
ESAO	Su ao	0.98 2	eP	Sb	10 56 33.1 -0.9	
ESAO	Suao	1.01 2	eP	Sb	10 56 44.9 -1.8	
TWC	Suao	1.01 2	eP	Sb	10 56 46.2 +0.5	
TWC	Beinan	1.02 221	P	Pn	10 56 34.1 +0.7	
TWGBT	Beinan	1.02 221	P	Pn	10 56 46.8 -0.7	
TWGBT	Beinan	1.02 221	P			

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like AC05 El Transito, CO01 Juntas del Tor, CO03 El Pedregal, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like SJA 10:11:13.41, NEIC 10:11:13.42, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like TA01 Diego Aracena, TA02 Punta Patache, PB01 IPOC Station P, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like NEIC 10:12:30.58, ISC 10:12:30.58, SBA Scott Base, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like IDC 10:12:52.05, NEIC 10:12:52.07, ISC 10:12:52.05, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like E27K Coleen River, G27K Doyon Strip, H27K Steamboat Moun, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like ARCES ARCESS Array B, ARCES ARCESS Array B, RES Resolute Bay, etc.

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like JHJ Hachijo jima 2, JHJ Boso 3, BSO3 Boso 3, etc.

10d 14h

Table with columns: SRO, SRO, PVCC, BRG, ZVC, CONA, RONA, CKRC, FBE, KHC, GEC2, GERES, MOA, WET, TANN, WERD, BIOA, MOX, MARR, KBA, BURAR, BZS, GZR, HERR, AKASG, AKASG, AKASG, DAVOX, HFS, NOA, FINES, FINES, FINES, ARCES, MOS 10 13:55:53.8, IDC 10 13:55:55.6, NEIC 10 13:55:56.4, NNC 10 13:56:02.5, ISC 10 13:55:58.1

2020 JUN

Table with columns: MK31, MK31, MK31, MKAR, WMQ, KURBB, AB31, AB31, AB31, AB31, AB31, AB31, AKTO, AKTO, AKTO, ZAAO, ZAAO, ZALV, ZALV, ZALV, GNI, GNI, GNI, GNI, GEVA, GEVA, KBZ, KIV, BELG, RAYN, RAYN, UJAN, BR11, BRTR, BRTR, OBN, HHC, HHC, HHC, AKKB, NRIK, NRIK, BUR08, KEK, KEK, MORC, MORC, MORC, HFS, CLL, YAK, YAK, NC602, NC602, NC303, NC303, NOA, GRA1, GRF, GRF, TPUB, TPUB, SSSL, SSSL, KS19, KS19, KLR, KLR, TIXI, TIXI, JMN, MJB9, MJB9, PEAOB, PEAOB, PEAOB, SUMG, SUMG, SUMG, SUMG, TORD, TORD, C16K, C16K, RDOG, RDOG, SHEM, D19K, D19K, C23K, C23K, E21K, E21K, C36M, K20K, K20K, KTH, KTH, MCK, MCK, MCK, MCK, RND, RND, RND, RND

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Table with columns: I28M, H31M, YKA, YKA, YKA, YKAWI, WRA, WRA, WRAB, WRAB, AS31, ASAR, ASAR

DJA 10 13:59:30.5, IDC 10 13:59:36.2, ISC 10 13:59:29.2

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, SAUI, BNDI, NLAJ, FAKI, KMPI, SIJU, SIJU, SANI, SOEI, RKPPI, BATI, BAKI, WSI, WRA, WRA, ASAR, ASAR, MKAR

NEIC 10 14:17:11.8, IDC 10 14:17:14.1, ISC 10 14:17:12.5

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, GSMY, GSTR, GSTR, GSTR, GSTD, ETKA, ADAG, ADAG, ADK, ADK, ADK, ATKA, ATKA, ATKA, KOKL, KOWE, KOWE, KOFF, KOFF, KIWB, KIWB, KIWB, KIWB, TAPA, TAPA, TAPA, TASE, TASE, GAEA, GAEA, GALAA, GALAA, GANE, GANE, GANE, AMKA, AMKA, LSPA, LSSE, LVA, SPJA, SHEM, SHEM, SHEM, SDPT, CNBA, M11K, O14K, O14K, O15K, ACHA, L16K, O19K, KDAD, KDAD, KDAD, KDAD

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes entries like 1L8K Granite Mounta, 1N9K Bonanza Creek, 1L9K White Mountain, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes entries like C27K Jago River, F28M Old Crow, H29M Whitestone, etc.

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes entries like CMAR Chiang Mai Arr, CMAR EVN Chiang Mai Arr, EKA Eskdalemuir Arr, etc.

Table with columns: CHMS, Chumysh, 1.79 265, Pn, 14 36 29.1 +1.1, etc. Includes stations like CHMS, KNOS, USP, AAK, etc.

IDC 10 14:44:22.6, 0.8, 0.15S, 125.84E, h0km, mb4.0/12, mbmp4.1/13, ML3.6/1, MS3.4/4, Error ellipse: s-maj=34.1km s-min=14.6km az=69.0

Main table for 10d 16h section, listing station names, coordinates, and various parameters like Time, Res, ISC, etc.

Table for 2020 JUN section, listing stations like BORK, NRIK, AB31, etc. with their respective data.

IDC 10 14:59:21.7, 1.6, 0.16N, 126.49E, h0km, mb3.6/4, mbmp3.6/4, Error ellipse: s-maj=172.8km s-min=21.1km

Main table for 2020 JUN section, listing station names, coordinates, and various parameters like Time, Res, ISC, etc.

Table for 578 section, listing stations like BSO1, BSO3, BSO4, etc. with their respective data.

IDC 10 15:42:10.6, 1.1, 34.18N, 141.78E, h0km, mb3.6/8, mbmp3.6/9, ML2.7/1, MS3.0/10, Error ellipse: s-maj=25.3km s-min=18.1km az=80.0

Main table for 578 section, listing station names, coordinates, and various parameters like Time, Res, ISC, etc.

Table with columns: STKA, Stephens Creek, 27.90 156, P, P, 16 15 50.8 +1.3. Includes stations like NWAO, CAN, TOO, MJAR, KRSR, MSVF, USRK, WHZ, RPZ, TUWZ, KHZ, SONH, PEAOB, PETK, MKAR, MKAR, MAKZ, ZALV, ZALV, KURKB, KURK, VVDA, VVDA, TIXI, TIXI, AKUT, AB31, ABKAR, QSPA, QSPA, CPUP.

STR 10 16:15:49.7-0.0, 43.03N:01.1-0.22W:0.05, h2km, MLv1.6/11, LOC SAT earthModel1 pyrenees. taup=2.11 preliminary

MRB 10 16:15:50.0-0.2, 43.02N:0.21W, h5km, 2km, ML1.5/21, Error ellipse: s-maj=0.8km s-min=0.7km az=228.0

LDG 10 16:15:50.5-0.1, 43.04N:0.24W, h2km, M2,6/3, M2,3/8, Error ellipse: s-maj=1.7km s-min=1.3km az=9.0

MDD 10 16:15:51.4-0.3, 43.04N:0.23W, h0km, mb_Lg, 1/2, Error ellipse: s-maj=3.3km s-min=1.8km az=10.2

ISC 10 16:15:50.1-0.8, 43.03N:0.02-0.20W:0.01, h9km, 5km, n61, a094/129, Pyrenees

Table with columns: Code, Station Name, Az, AzP, Phase ID, ISC, Time, Res, h, s, ISC. Includes stations like PYLO, REYF, LABSF, VIEF, ATE, KSP, ECHI, URDF, IRAF, MELF, SJPF, VIER, MLZA, OSSF, OSSF, EALK, CESE, CSOR, ESAC, ESAC, GENF, CAVN, CAVN, CORG, CORG, PAND, PAND.

Table with columns: ARBS, La Rabassa, 1.41 114, P, S, Pn, 16 16 15.8 -0.4. Includes stations like MONQ, MONQ, CLLI, CLLI, EMIR, EMIR, FNEB, FNEB, CARF, CARF, MTLF, MTLF, CBRU, CBRU, EPOB, EPOB, CORI, CORI, LFF, LFF, ERTA, ERTA, CBEU, CBEU, CFON, CFON, CMAS, CMAS, SJAF, SJAF, CLAF, CLAF, CLAF, CLAF, CAFC, CAFC, CCAS, CCAS, CPAL, CPAL, RFJ, RFJ, EMOS, EMOS, LASF, LASF, MFF, MFF, MFF, MFF, TCF, TCF, TCF, TCF, Code, Station Name, Az, AzP, Phase ID, ISC, Time, Res, h, s, ISC. Includes stations like IPECA, DNK, PRU, IDC, BGR, VIE, KSP, KSP, CHVC, CHVC, OSTC, OSTC, UPC, UPC, DPC, DPC, PVCC, PVCC, BRG, BRG, KRLC, KRLC, ANAC, ANAC, RYBC, RYBC, RYBE, RYBE, CLL, CLL, CLL, CLL, STEB, STEB, MORC, MORC, MORC, MORC, MORC, MORC, OKC, OKC, OKC, OKC, VRAC, VRAC, VRAC.

Table with columns: VRAC, Vranov, 2.39 172, ePn, Pn, 16 35 26.1 +0.2. Includes stations like VRAC, ZVUC, ZVUC, MAUC, MAUC, MAUC, MAUC, KRUC, KRUC, TANN, TANN, WERD, WERD, STAC, STAC, OJC, OJC, OJC, OJC, JAVC, JAVC, JAVC, JAVC, ROTZ, ROTZ, GECZ, GECZ, GERES, GERES, WET, WET, LANS, LANS, LANS, LANS, MODS, MODS, NIE, NIE, BSD, BSD, CLZ, CLZ, WINA, WINA, VYHS, VYHS, VYHS, VYHS, CONA, CONA, STHS, STHS, STHS, STHS, ROSA, ROSA, RONA, RONA, MOA, MOA, SRO, SRO, LUNU, LUNU, BIOA, BIOA, ARSA, ARSA, COP, COP, BLEU, BLEU, SESA, SESA, BJUU, BJUU, LESA, LESA, KBA, KBA, DEL, DEL, SOKA, SOKA, WATA, WATA, OBKA, OBKA, WTTA, WTTA, MYKA, MYKA, MOTA, MOTA, RETA, RETA, ABTA, ABTA, ABTA, ABTA, SQT, SQT, PBUR, PBUR, FETA, FETA, DAVA, DAVA, DAVA, DAVA, DAVOX, DAVOX, DAVOX, DAVOX, SLIT, SLIT, IGN, IGN, NACGM, NACGM, AKASC, AKASC.

10d 17h

Table with columns: HFS, FINES, EKA, Station Name, Time, Res, ISC. Includes entries for Hagfors, FINES Array B, and Eskdalemuir Ar.

JSN 10 16:37:42.9±1.3, 17.03N:77.21W, h11km, 7km, MD3.8, Presumed earthquake
RSNC 10 16:37:44.0±0.0, 17.09N:77.15W, h10km, mb4.2, ML3.1, MLV3.9
SSNC 10 16:37:46.6±2.1, 17.33N:77.24W, h97km, 20km, MD4.3, ML4.0, Presumed earthquake

Main table for 10d 17h section, listing stations like Portland Cotta, Malvern, Hope, Stony Hill, Greenwich, Mount Denham, etc.

JMA 10 16:40:13.7±0.2, 24.9N:0.9-123.3E±0.6, h22km, 4km, MV3.0/12, NW OFF ISHIGAKIJIMA IS
IDC 10 16:40:14.8±6.9, 24.49N:122.82E, h0km, mb3.4/2, mbtmp3.4/3, ML2.9/1, MS2.3/1, Error ellipse: s-maj=345.1km s-min=41.5km az=96.0

Table for 10d 17h section, listing stations like Yonagunijima, Iriomote-Funau, Kuro-shima, Ishigaki jima, etc.

GUC 10 16:57:26.1±0.7, 17.60S:69.50W, h161km, 5km, ML3.2
IDC 10 16:57:28.3±2.2, 17.19S:69.12W, h171km, 18km, mb3.8/3, mbtmp4.4/4, Error ellipse: s-maj=57.0km s-min=32.0km az=28.0

Table for 10d 17h section, listing stations like Visviri, IPOC Station P, LA Paz, Chuzmiza, etc.

2020 JUN

IDC 10 17:20:20.4±1.0, 8.33S:129.99E, h0km, mb3.8/5, mbtmp3.9/10, ML4.1/5, MS2.9/3, Error ellipse: s-maj=36.1km s-min=19.2km az=84.0
NEIC 10 17:20:22.1±2.0, 8.31S:129.06E±0.06, h10km, 1km, mb4.0/9, Error ellipse: s-maj=11.9km s-min=8.2km az=303.0
DJA 10 17:20:24.6±1.0, 8.33S:13.13E±, h13km, 8km, M4.4/16, mB4.7/2, mb4.3/12, MLV4.4/16, Mw(MB)3.9/2
ISC 10 17:20:21.5±0.5, 8.42S:0.05-130.04E±0.06, h10km, n55, ±24.2/60, mb4.0/9, Tanimbar Islands region

Main table for 2020 JUN section, listing stations like Saumlaki, Saumlaki, BNDI, etc.

IDC 10 17:30:11.6±1.3, 59.91N:152.45W, h80km, 19km, mb3.6/7, mbtmp3.9/12, Error ellipse: s-maj=23.6km s-min=9.6km az=112.0
NEIC 10 17:30:12.7±0.8, 59.93N:152.47W±0.08, h92km, 4km, mb3.9/6, ML3.5/186, ML3.3(AEIC), Error ellipse: s-maj=5.9km s-min=5.0km az=51.0

Table for 2020 JUN section, listing stations like Slope Mountain, Iliamna Volcan, Iliamna Low So, etc.

Main table for 2020 JUN section, listing stations like Portsworth, Captain Cook N, Cape Douglas, etc.

10d 19h

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

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

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

Table with columns: Station Name, Time, Res, Code, Station Name, Δ° AZ, Phase ID, Time, Res, Code. Includes stations like ZALV, SOMM, YKA, ILAR.

WEL 10 19:22:31.4, 38°31'S; 176°91'E, ML3.5, Mw3.7, Moment Tensor Solution. Moment tensor: Scale 10^14 Nm; Mn:2.49; Mxx:3.51; Myy:2.73; Mzz:0.85; Mxy:1.58; Myz:-0.47; Fault plane solution: Okada-M050000/10^14 NP1: 0.273,00000; 0.76,00000; -1.30,00000. NP2: 0.11,00000; 0.61,00000; -1.64,00000. Principal axes: T 1,906.0; P 10,100.0; Azm325.0000; N 0.0420; Plg57.0000. Azm71.0000; P -1.9480; Plg1,000.0; Azm228.0000. Status used: BKZ HAZ HIZ KNZ MWZ MPZ OPZ PIZ RAZ TZL TLZ TOZ OBLIQUE-NORMAL FAULTING

WEL 10 19:22:31.6, 0.3, 39 S 2; 177E; h4km; m2km; M3.6, ML3.6/40, MLV3.6/40 Error ellipse: s-maj=2.2km s-min=2.2km az=148.2, confirmed, North Island

Main station list table with columns: Code, Station Name, Δ° AZ, Phase ID, Time, Res, Code. Lists numerous stations across the North Island.

MAN 10 19:27:44.0, 19.45N; 122.70E, h134km, MS4.0, Philippine Islands region

IDC 10 19:36:12.8-42.0, 20.16S; 178.85W, h52km, 37.4km, mb2.9/2, mbtm3.8/2, Error ellipse: s-maj=302.0km

Table with columns: Code, Station Name, Δ° AZ, Phase ID, Time, Res, Code. Includes stations like ASAR, WRA, HFS, AKASO, BRTR.

NEIC 10 19:58:38.9, 15.84S; 13.05W, h12km, Moment Tensor Solution. Duration: 499 Moment tensor: Scale 10^18 Nm; Mn:-0.53; Mxx:0.03; Myy:0.56; Mzz:0.55; Mxy:0.04; Myz:0.90; Fault plane solution: M1, 19000/1018 NP1: 0.193,62000; 0.16,75000; -1.50,16000. NP2: 0.332,56000; 0.77,22000; -1.100,91000. Principal axes: T 1.1562, Plg1,000.0, Azm72.0000; N 0.0679, Plg11,000.0, Azm335.0000; P -1.2241, Plg56.0000, Azm229.0000.

MOS 10 19:58:48.8, 1.0, 15.68S; 13.20W, h11km, mb5.8/73, MS5.4/33 Error ellipse: s-maj=8.5km s-min=3.9km az=66.5

IDC 10 19:58:48.2, 0.3, 15.68S; 13.09W, h0km, mb5.0/41, mbtm3.0/41, MS5.4/67, Error ellipse: s-maj=14.7km s-min=10.0km az=121.0

NEIC 10 19:58:49.9, 15.84S; 13.05W, h10km, Moment Tensor Solution. Duration: 499 Moment tensor: Scale 10^18 Nm; Mn:-0.53; Mxx:0.03; Myy:0.56; Mzz:0.55; Mxy:0.04; Myz:0.90; Fault plane solution: M1, 19000/1018 NP1: 0.193,62000; 0.16,75000; -1.50,16000. NP2: 0.332,56000; 0.77,22000; -1.100,91000. Principal axes: T 1.1562, Plg1,000.0, Azm72.0000; N 0.0679, Plg11,000.0, Azm335.0000; P -1.2241, Plg56.0000, Azm229.0000.

IPGP 10 19:58:50.0, 15.77S; 13.08W, h6km, Mw5.9, Fault plane solution: NP1: 0.192,00000; 0.46,00000; -1.55,00000. NP2: 0.327,00000; 0.84,00000; -1.20,00000.

NEIC 10 19:58:50.2, 15.81S; 0.08; 13.04W, h10km, Mw5.9/48, mb5.9/48, Ms 20.5, 6/722, Mw5.6/0, 30, Error ellipse: s-maj=14.5km s-min=12.7km az=215.0

GFZ 10 19:58:51.1, 15.69S; 13.14W, h11km, Mw5.8, Moment Tensor Solution. s90 Moment tensor: Mn:-6.51; Mxx:0.02; Myy:6.54; Mzz:1.13; Mxy:0.78; Myz:0.21; Fault plane solution: NP1: 0.182,00000; 0.44,00000; -1.76,00000. Principal axes: T 6.6400, Plg1,000.0, Azm83.0000; N 0.0700, Plg9,000.0, Azm352.0000; P -6.7100, Plg80,000.0, Azm182.0000.

GCMT 10 19:58:53.0, 0.1, 15.78S; 0.01; 13.31W, h12km, Mw5.8/167, Moment Tensor Solution. s147, c277; s167, c571; Duration: 2s0 Moment tensor: Scale 10^17 Nm; Mn:-6.26; Mxx:0.19; Myy:0.44; Mzz:6.45; Mxy:0.42; Myz:1.0; Mxx:0.90; Mzz:0.3; Mxy:0.28; Myz:1.1; Best double couple: M7, 25900/1017 NP1: 0.168,00000; 0.36,00000; -1.63,00000. NP2: 0.336,00000; 0.68,00000; -1.108,00000. Principal axes: T 7.1290, Plg12,000.0, Azm79,000.0; N 0.2630, Plg15,000.0, Azm346,000.0; P -7.3880, Plg71,000.0, Azm206,000.0; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface/mantle waves, cutoff=50s. Triangular moment-rate function

BGR 10 19:59:16.0, 13.50S; 6.66W, h10km, mb5.5, MS5.4

ISC 10 19:59:20.2, 0.2, 15.76S; 0.04; 13.22W, h10km, n1779, s166/1403, mb5.8/429, MS5.6/472, 48C-56D, Southern Mid-Atlantic Ridge

Main station list table with columns: Code, Station Name, Δ° AZ, Phase ID, Time, Res, Code. Lists numerous stations across the South Island and other regions.

Table with columns: Station Name, Time, Res, Code, Station Name, Δ° AZ, Phase ID, Time, Res, Code. Includes stations like NBMO, SBRR, DIAM, WIN, WRA, HFS, AKASO, BRTR.

Main station list table with columns: Station Name, Time, Res, Code, Station Name, Δ° AZ, Phase ID, Time, Res, Code. Lists numerous stations across the North Island and other regions.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MAHO Mahon, AY03 Cochran, GO08 Villa O'Higin, ANWB Willy Bob, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like LPL La Plagne, JAN Janina, PRMD Pramanda, VILL Villula, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like JAVS Javornik, JAVS Banja Luka, SJES Sjenica, SLE Schleitheim, etc.

10d 19h

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like MORH Mray, Hungary; MEM Mernbach; BTNL Ternell; etc.

2020 JUN

Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like MAW Mawson; OMB Quimbuelo; ICOR Ion Corvin; etc.

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Table with columns for call sign, name, frequency, mode, and other parameters. Includes entries like LMGC Las Mercedes; BSEG Bad Segeberg; LEOM Leova; etc.

Table with columns: Station Name, Frequency, Power, Class, and Signal. Includes stations like GNI Labinsk, PABE Paberze, AJN Ajan, etc.

Table with columns: Station Name, Frequency, Power, Class, and Signal. Includes stations like BSY Bisyas, MHTO MHTO, UOSS Minazif, etc.

Table with columns: Station Name, Frequency, Power, Class, and Signal. Includes stations like VSU Gilead, W57A Gilead, KSPA Keystone Colle, etc.

10d 19h

Table with columns for station ID, name, coordinates, and status. Includes stations like 052A Adamsville, 551A Beattyville, 551A Beattyville, 551A Beattyville, etc.

2020 JUN

Table with columns for station ID, name, coordinates, and status. Includes stations like M44A, ARCES ARCES Array B, ARCES ARCES Array B, etc.

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Table with columns for station ID, name, coordinates, and status. Includes stations like FNO Franklin, PLPT Palo Pinto, SVE, OK029 Liberty Lake, BRDY Brady, etc.

Table of astronomical observations for 10d 20h, listing station names, codes, and various parameters like RA, Dec, and SNR.

Table of astronomical observations for 2020 JUN, listing station names, codes, and various parameters like RA, Dec, and SNR.

Table of astronomical observations for INK, listing station names, codes, and various parameters like RA, Dec, and SNR.

Table of astronomical observations for IDC 10:20:09, listing station names, codes, and various parameters like RA, Dec, and SNR.

Table of astronomical observations for IDC 10:21:18, listing station names, codes, and various parameters like RA, Dec, and SNR.

Table of astronomical observations for H10S2, listing station names, codes, and various parameters like RA, Dec, and SNR.

Table of astronomical observations for MAW, listing station names, codes, and various parameters like RA, Dec, and SNR.

Table of astronomical observations for IDC 10:20:24, listing station names, codes, and various parameters like RA, Dec, and SNR.

Table of astronomical observations for IDC 10:20:29, listing station names, codes, and various parameters like RA, Dec, and SNR.

Table with columns: Code, Station Name, s-min, az, Phase ID, Time Res, ISC. Includes stations like MKAR Makanchi Array, WRA Warramunga Arr, ASAR Alice Springs.

IDC 10 20:50:23.5:1.6, 6:39S:131.50E, h49km, 17km, mb3.8/13, mtimp4.2/18, ML4, 8/7, Error ellipse: s-maj=18.8km

NEIC 10 20:50:28.5:1.4, 6:34S:0.04:131.56E:0.08, h57km, 7km, mb4.5/31, Error ellipse: s-maj=12.2km s-min=5.1km az=78.0

DJA 10 20:50:27.1:0.2, 6:32S:2.72E, h85km, 3km, M4.9/57, mb4.9/57, mB5.4/26, MLV5.2/19, Mw(mB)4.8/26, MwMwp5.5/6, Mwp5.7/6

ISC 10 20:50:27.4:0.4, 6:41S:0.04:131.63E:0.05, h100km, n130, c204/131, mb4.3/31, 1D, Tanimbar Islands region

Main table listing seismic stations with columns: Code, Station Name, s-min, az, Phase ID, Time Res, ISC. Includes stations like SAUI Saumlaki, BNDI Bandanaira, KMPI Kaimana, FAKI Fak Fak, SIJI Sorong, etc.

Table listing seismic stations with columns: Code, Station Name, s-min, az, Phase ID, Time Res, ISC. Includes stations like FORT, STKA Stephens Creek, HTT Hallett, BLDU Ballidu, KLRB Kellerberrin, etc.

SOME 10 20:51:15.6, 42'23N-81'27E, h15km NNC 10 20:51:16.2:3.1, 42'27N-81'27E, h0km, mb2.6, mpv2.3, Error ellipse: s-maj=3.1, 1km s-min=13.9km az=9.0

ISC 10 20:51:14.7:2.7, 42.1N, 0.1x81.08E:0.09, h10km, n10, c195/113, 5C-10, Northern Xinjiang

Table listing seismic stations with columns: Code, Station Name, s-min, az, Phase ID, Time Res, ISC. Includes stations like SHLS Shalkode, SHLS Shalkode, PDGK Podgornoye, etc.

s-min=3.2km az=137.0 IDC 10 21:14:40.9:0.5, 15:57S:13:14W, h0km, mb4.3/21, mbtmp4.3/21, M5.4/756, Error ellipse: s-maj=20.7km s-min=12.9km az=112.0

GCMT 10 21:14:44.7:0.1, 15:80S:0.01:13:31W:0.01, h12km, MV5.4/141, Moment Tensor Solution. s89, c122, s141, c274; Duration: 1s2 Moment tensor: Scale 1017 Nm; Mn: -1.19e+01; Mxx: 0.10e+01; Myy: 1.09e+01; Mzz: 0.39e+05; Mxy: 0.16e+01; Mxz: 0.66e+05; Best double couple: Mb1: 38200/1017; NP1: 180.00000; s30.00000; s7.72.00000; NP2: 340.00000; 162.00000; s1.100.00000; Principal axes: T: 1.3220, P: 16.00000; Azm: 77.00000; N: 0.1160, P: 9.00000; Azm345.00000; P: -1.4410, P: 171.00000; Azm28.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BGR 10 21:14:51.1, 14:45S:14:15W, h10km, mb4.8 ISC 10 21:14:40.0:0.3, 15:53S:0.06:13:11W:0.05, h10km, n338, c284/284, mb4.9/129, MS4.8/68, 8C-14D, Southern Mid-Atlantic Ridge

Main table listing seismic stations with columns: Code, Station Name, s-min, az, Phase ID, Time Res, ISC. Includes stations like H10S2 ASCENSION HYDR, SHEL Horse Pasture, H10N1 ASCENSION HYDR, etc.

Table with columns: Station, Time, Frequency, Power, and other technical details. Includes stations like MD31, MD01, BOAV, BOAV, LOKD, KNBO, CFA, LPAZ, etc.

Table with columns: Station, Time, Frequency, Power, and other technical details. Includes stations like SLE, SLE, BLY, BLY, SOTA, SOTA, MOTA, MOTA, WTTA, WTTA, etc.

Table with columns: Station, Time, Frequency, Power, and other technical details. Includes stations like MAW, MAW, MAW, MAW, MORC, MORC, MORC, MORC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Yuli, Chenggong, Xinyi Township, Tarama, etc.

IDC 10 22:11:04.6±2.0, 33°60'S×179°18'W, h0km, mb3.6/3, mbmp3.7/4, ML3.6/1, Error ellipse: s-maj=48.8km s-min=37.1km az=69.0

WEL 10 22:11:06.9±0.8, 34°S×15°17'9W, h12km, M4.2/10, mb4.7/4, ML4.2/15, MLV4.2/10, Mw(MB)3.9/4, Error ellipse: s-maj=51.7km s-min=4.3km az=111.2, confirmed

ISC 10 22:11:06.3±1.0, 33°68'S×179°37'W, h10km, n24, c140/36, mb3.5/3, South of Kermadec Islands

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Matakaoa Point, Waionatitini S, Green Lake, etc.

RSRP 10 22:24:22.7, 17°9'N-66°36'W, h16km, MD2.0/4, 10C-2D, Puerto Rico region

Table for Puerto Rico region with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Guanica, Bosqu, Magueyes Isan, etc.

SDD 10 22:25:06.4±2.2, 19°02'N-67°68'W, h12km, 99km, MD3.0, ML1.8, MW2.3, 1C, Presumed earthquake, Mona Passage

Main station list table for SDD event with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Aguadilla, PR, Punta Cana, DR, etc.

OSPL 10 22:34:19.9±1.3, 19°32'N-67°77'W, h32km±117km, ML3.8, Presumed earthquake
NEIC 10 22:34:20.1±2.2, 19°03'N-03°67', 64W, 0.02, h10km, 8km, ML3.7/45, MD3.7/17(RSPR), Error ellipse: s-maj=4.1km s-min=2.8km az=193.0

RSRP 10 22:34:21.0, 19°06'N-67°75'W, h3km, 1km, MD3.7/17, SDD 10 22:34:21.4±2.0, 19°06'N-67°66'W, h20km, 99km, MD3.4, ML2.5, MW3.6, Presumed earthquake

ISC 10 22:34:20.5±1.1, 18°98'N-05°67'44'W, h17km±9km, n60, c083/89, 18C-9D, Mona Passage

Main station list table for OSPL/NEIC/RSRP/SDD/ISC events with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Isla Desecho, Punta Cana, DR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DR08, BANI, ABDR, SC01, SDDR, SDRR, GRTK, SMRT, etc.

IDC 10 23:07:19.1±1.3, 3°90'N-126°88'E, h0km, mb3.8/8, mbtmp3.8/8, Error ellipse: s-maj=101.0km s-min=17.4km az=68.0

DJA 10 23:07:21.3±0.7, 4°N×5°12'7E±, h18km±4km, M4.2/15, mb4.4/12, mb5.5/3, MLV4.1/15, Mw(MB)5.0/3, NEIC 10 23:07:27.2±1.2, 3°82'N-0°08'126'7E±0.1, h54km±7km, mb4.2/11, Error ellipse: s-maj=17.1km s-min=8.3km az=61.0

ISC 10 23:07:24.0±0.7, 3°96'N-0°08'126°80'E±0.09, h36km, n35, c1847/34, mb4.0/12, 1C, Talud Islands

Main station list table for IDC/DJA/ISC events with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Sangihe, Galea, Maluku, Manado, Ternate, etc.

DJA 10 23:23:25.2±0.6, S4°×10°3E±, h15km±17km, M4.0/25, MLV4.0/25
IDC 10 23:23:33.2±2.7, 3°97'S-105°37'E, h0km, mb3.5/3, mbtmp3.8/5, ML4.2/2, MS3.1/1, Error ellipse: s-maj=119.7km s-min=27.3km az=52.0
ISC 10 23:23:23.1±1.5, 6°25'0.1N-103°64'E±0.09, h10km, n17,

185/15,mb3.4/3, Southwest of Sumatera

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like KASI Kota Agung, MDSI Maura Dua, BLSI Bandar Lampung, etc.

IDC 10 23:47.38.0.1.1, 29.32N, 104.47E, h0km, mb3.5/7, mbmp3.6/9, ML4.0/2, MS3.7/1, Error ellipse: s-maj=39.8km s-min=19.4km az=61.0

ISC 10 23:47.43.1.3, 29.4N, 104.6E, 0.2, h35km, n10, o#619/9, mb3.4/7, Sichuan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like LZDM Lanzhou Array, SONMI Songino Array, KRSR Korea Array, etc.

CATAC 11 00:18:34.2, 12°N, 108°W, h207km, 1km, M3.0/24, ML3.0/24, confirmed

UCR 11 00:18:35.3, 14.11°N, 100.87°W, h18km, 184km, MW3.6, Presumed earthquake

ISC 11 00:18:35.6, 1.9, 117.5N, 100.06, 86.03W, 0.07, h198km, 11km, n49, o#717/3, Near coast of Nicaragua

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like JAPN AI SSO del Vol, MORN AI O del Volca, WILN Americas 2, etc.

IDC 11 00:32:47.4, 2.4, 3.30S, 151.43E, h0km, mb3.4/3, mbmp3.4/3, Error ellipse: s-maj=184.2km s-min=29.9km az=124.0, New Ireland region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array, etc.

IDC 11 00:33:56.1, 1.1, 3.95S, 151.54E, h0km, mb3.9/10, mbmp3.9/10, Error ellipse: s-maj=39.8km s-min=22.1km az=111.0

NEIC 11 00:33:57.7, 1.2, 3.96S, 151.37E, 0.05, h10km, 1km, mb4.4/13, Error ellipse: s-maj=15.3km s-min=6.1km az=207.0

ISC 11 00:33:59.0, 0.6, 3.98S, 151.43E, 0.08, h21km, n33, o#10/34, mb4.1/5, New Ireland region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like RABL Rabaul, MANU Manus Island, PMG Port Moresby, etc.

BUI 11 00:40:22.1, 3.75S, 151.86E, h14km, mb5.0/7, mb4.6/23, Ms4.9, Mst 4.2/13

NEIC 11 00:40:24.0, 1.5, 3.88S, 151.40E, 0.05, h10km, 1km, mb4.7/41, Error ellipse: s-maj=15.4km s-min=6.7km az=26.0

GCMT 11 00:40:28.0, 0.3, 3.78S, 151.19E, 0.03, h14km, 1km, MW4.8/88, Moment Tensor Solution, s29,c32, s88,c115; Duration: 0 Moment tensor: Scale 10^19Nm; M1-2.01e11; M1-1.17e10; M2-0.83e09; M3-0.53e23; M4-0.92e06; M5-0.43e21; Best double couple: M2:0.7600e1016; NP2: 1.13e215.00000; A-1.13.00000; NP2: 6.60000; 849.00000; A-68.00000; Principal axes: T 1.9390, P1g2.0000, Azm141.0000; N 0.2730, P1g16.0000; Azm231.0000; P-2.2130, P1g73.0000; Azm44.0000; nst1 refers to body waves, cutoff=40s, nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 11 00:40:29.9, 4.8, 3.90S, 151.47E, h54km, 42km, mb3.9/15, mbmp4.2/17, ML3.1/2, MS3.6/33, Error ellipse: s-maj=31.8km s-min=18.0km az=87.0

ISC 11 00:40:26.1, 0.4, 3.94S, 151.46E, 0.07, h21km, n273, o#126/245, mb4.6/41, MS3.7/34, 1D, New Ireland region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like RABL Rabaul, MANU Manus Island, PMG Port Moresby, etc.

Table with columns: STKA, Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h m s, ISC. Includes stations like MMRI Naumere, MSFV Nonsavu, KAPI Kappang, etc.

11d 1h

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Remarks. Includes stations like K15K Wolf Creek, O17K Kolliganek, M16K Timber Creek, etc.

2020 JUN

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Remarks. Includes stations like MLY Manley, E20K Nigu River, MCK McKinley, 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 Type, and Remarks. Includes stations like KKAR Karatay Array, QSPA South Pole, QSPA South Pole, etc.

FUNUV 11 00:41:00.5, 9.03N:73.90W, h22km, MWS.4, Presumed earthquake
RSNC 11 00:41:01.0, 0.0, 9.1N: 73.4W, h90km, 4km, M2.4, mb3.3, ML2.1

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Remarks. Includes stations like LL8C La Loma, LL8C La Loma, OCAC Ocala, etc.

IDC 11 00:42:20.6, 1.6, 3.75S: 131.50E, h0km, mb3.6/3, mbtmp3.7/6, ML3.8/3, MS3.6/3, Error ellipse: s-maj=124.8km s-min=21.4km az=77.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Type, and Remarks. Includes stations like FAKI Fak Fak, SNDI Saira, KMPI Kaimana, etc.

IDC 11 01:05:59.1, 1.4, 6.01S: 151.00E, h0km, mb3.6/6, mbtmp3.6/6, Error ellipse: s-maj=86.8km s-min=26.2km az=129.0

ISC 11 01:06:05.3:1.2,6:1S:0.4:151.0E:0.4,h43km,n7,0#86/7,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like WRA Warramunga Arr, ASAR Alice Springs, KURBA Kurchatov Arra, ILAR Eielson Array, NVAR Mina Array Bea, YKA Yellowknife Arr, TORD Torodi Arr, Bea.

JSN 11 01:14:23.8:1.1,8:28N:76:13W,h0km,19km,MD3.4, Confirmed Earthquake

SSNC 11 01:14:25.7:1.6,18:12N:76:08W,h9km,14km,MD3.5, ML2.1, Presumed earthquake

ISC 11 01:14:22.5:2.1,18:1N:0.1x76:08W,0.08,h15km,11km, n14, c0559/27, 1C-6D, Jamaica region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like GWJ Greenwich, HOJ Hope, STH Stony Hill, PCJ Bonny Gate, MTJD Mount Denham, etc.

IDC 11 01:14:33.4:7.7,22:79Sx171:36E,h99km,59km,mb3.3/3, mbtmp3.7/4, ML3.7/1, MS3.0/1, Error ellipse: s-maj=108.4km s-min=36.7km az=162.0

NOU 11 01:14:35.4,22:42S:171:03E,h0km,mb4.2/12, Southeast of Loyalty Islands

ISC 11 01:14:26.8:1.6,22:7S:0.3:171.7E:0.1,h35km,n14, c286/14, mb3.6/3, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like MARNC Mare, Loyalty, NOUC Port Laguerre, ASAR Alice Springs, WRA Warramunga Arr, NVAR Mina Array Bea.

JMA 11 01:37:03.1-0.2,26:4N-0.6,-128:3E:0.8,h35km,3km, MV1.7/9, NEAR OKINAWAJIMA ISLAND, Ryukyu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like JOW Kunigami, JYRO Yoronjima, JNTH Nagotoyohara, JOKE Okinoerabujima, JTK Ineya, JAGN Aguni-jima, JMJ Minamidaito 2.

NEIC 11 01:38:26.0:1.4,24:51N:0.05:-122:43E:0.04,h82km,4km, mb4.4/58, Mw4.4/27, Error ellipse: s-maj=7.7km

s-min=4.6km az=171.0, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mw=3.7; Mw=2.62;

Mw=2.95; Mw=2.30; Mw=1.08; Mw=3.18; Fault plane solution: Mw=4.95000x10^15 NP1=0.23339000, 837.51000,

1-4.74000. NP2=0.32694000, 887.28000, 1-12.42000. Principal axes: T 4.9163, P1g32.0000,

Azm87.0000; N 0.0744, P1g37.0000, Azm329.0000; P -4.9907, P1g36.0000, Azm205.0000;

BUI 11 01:38:26.0:1.24,56N:122:46E,h70km,mb4.2/4, mb4.2/18, Ms3.9/8, Ms7.3/2

TAP 11 01:38:26.5,24:50N:122:39E,h91km,ML5.4,C

ASIES 11 01:38:26.5,24:50N:122:40E,h87km,Mw4.3, Fault plane solution: NP1=0.22500000, 840.00000, 1-3.00000,

NP2=0.31700000, 888.00000, 1-130.00000,

JMA 11 01:38:26.3:0.1,24:5N:122:4E:0.3,h33km,1km, MD4.3/19,MV4.4/19,NW OFF ISHIGAKIJIMA IS

NEIC 11 01:38:26.24:49N,122:43E,h83km

NIED 11 01:38:26.3:24:54N:122:42E,h83km,MW4.3, Moment Tensor Solution, s2 Moment tensor: Scale 10^15Nm;

Mw=0.62; Mw=2.03; Mw=1.42; Mw=1.06; Mw=0.78; Mw=1.86;

Fault plane solution: Scale 2.90000x10^15 NP1: 0.242,00000, 841.00000, 12.00000. NP2: 0.143,00000, 882.00000, 131.00000.

IDC 11 01:38:28.4:0.8,24:63N:122:50E,h108km,6km,mb3.7/22, mbtmp4.1/26, MS3.1/18 Error ellipse: s-maj=15.0km

s-min=11.0km az=75.0

ISC 11 01:38:26.6:0.4,24:50N:0.02:122:44E:0.02,h93km,3km, n312, c1940/475, mb4.2/54, 69C-2D, Taiwan region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like E0S2 E0S2, E0S3 E0S3, E0S4 E0S4, YJNG Yonagunijimaku, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like YJNG Yonagunijima, YOJ Yonagunijima, E0S0 Suao, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like E0S1 Suao, TWC TWC, EGS EGS, EWUT Wuta, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like E0S2 Suao, TWC TWC, EGS EGS, EWUT Wuta, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like E0S3 Suao, TWC TWC, EGS EGS, EWUT Wuta, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like E0S4 Suao, TWC TWC, EGS EGS, EWUT Wuta, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like E0S5 Suao, TWC TWC, EGS EGS, EWUT Wuta, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like E0S6 Suao, TWC TWC, EGS EGS, EWUT Wuta, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like E0S7 Suao, TWC TWC, EGS EGS, EWUT Wuta, etc.

OWD Renai 1.28 245 P Pn 01 38 49.3 -0.6

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like OWD Renai, LIOB Emei, WUSB Renai, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like HATJ Hateruma jima, HATJ HATJ, HATJ HATJ, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like HATJ HATJ, HATJ HATJ, HATJ HATJ, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like HATJ HATJ, HATJ HATJ, HATJ HATJ, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like HATJ HATJ, HATJ HATJ, HATJ HATJ, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like HATJ HATJ, HATJ HATJ, HATJ HATJ, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like HATJ HATJ, HATJ HATJ, HATJ HATJ, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like HATJ HATJ, HATJ HATJ, HATJ HATJ, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like HATJ HATJ, HATJ HATJ, HATJ HATJ, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like HATJ HATJ, HATJ HATJ, HATJ HATJ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KHL1, LMD1, JHRM, QIR1, SHI1, GENO, NGRK, KHGB, IMEH, CHIM, IBAF, KBAM, GNI1, KBZ, BRTR, BVAR, AKASG, MKAR, KURBS, ZALV, GERES, FINES, HFS, SONM, TORD, ILAR, YKA.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SKR, SKR1, KDR1, PAU, RUS, RUS1, ASAK, MTRV, GRL, DALK, SPN, UGLR, SMAR, AVH, KOK, KRK, GNL, MKZ, KBTR.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like JKE, JAGN, JIH, JHT3, JINTH, JOW, JOW1, JYRO, JYRO1, JAMN, JISG, IRIF, JNU, JNU1, KRSR, KRSR1, KRSR2, MJAR, MJAR1, LZDM, GUMO, SONM, SONM1, SIJI, TLY, PETK, YAK, MKAR, MKAR1, ZALV, ZALV1, PMG.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KURBS, KURBS1, AAK, WRA, PALK, BVAR, ASAR, ARTI, GNI, KBZ, SPITS, FINES, AKASG, BRTR, ASF, MMAIL, HFS, NOA, YKA, VRAC.

NIED 11 03:23:55.3, 26°18'N, 126°28'E, h31km, MW4.3, Moment Tensor Solution... Fault plane solution: M0=2.97000x10^15 Np1: 261.00000, 85.00000, -27.00000. NP2: 7.00000, 68.00000, -142.00000.

JMA 11 03:23:55.3, 0.3, 27°N, 121°26'E, h31km, 4km, MV3.7/14, NW OFF OKINAWA, JIMA IS. IDC 11 03:23:56.8, 1.2, 26°88'N, 125°69'E, h0km, mb3.6/4, mbmp3.77, ML3.72, MS3.1/5, Error ellipse: s-maj=44.3km s-min=21.1km, az=82.0.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KJKE, JAGN, JIH, JHT3, JINTH, JOW, JOW1, JYRO, JYRO1, JAMN, JISG, IRIF, JNU, JNU1, KRSR, KRSR1, KRSR2, USRK, USRK1, KLR, SONM, JMAR, JMAR1, KURBS, WRA, ASAR.

HLW 11 03:48:05.1, 27°31'N, 34°64'E, h14km, 5km, Ml2.8. SGS 11 03:48:07.4, 27°43'N, 34°71'E, h16km, Ml2.2. ISC 11 03:48:04.1, 1.0, 27°33'N, 0.04, 34°62'E, 0.04, h12km, n24, c=078/26, Red Sea.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NSFG, MWLHS, RHSG, RHSG1, RHSG2, AYUS, AYUS1, HKAT, HKAT1, DESA, HDHB, JLOS, NUU, HAQS, GRB, JMOS, HBST, TBKS, NABS, BIDS, EWHS, URD12, URD14, HEDF, HEGS, BRNS.

RSNC 11 03:55:15.8, 0.0, 7°N, 1°73'W, h147km, 1km, M3.0, mb4.6, mb3.5, ML2.6, Mw(mb)3.8, Northern Colombia.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PTBC, OCAC, SPCB, SPCB1, SPCB2, NORCA, NORCA1, NORCA2, CHING, CHING1, CHING2, ROSC, ROSC1, ROSC2, CVER, CVER1, CVER2, UREC, UREC1, UREC2, GUYEC, GUYEC1, GUYEC2, VILC, VILC1, VILC2, NIZA, NIZA1, NIZA2, CBCC, CBCC1, CBCC2, APAC, APAC1, APAC2, PRAC, PRAC1, PRAC2, SJCC, SJCC1, SJCC2, PLMC, PLMC1, PLMC2, URMIC, URMIC1, URMIC2, YOTC, YOTC1, YOTC2, MACC, MACC1, MACC2, URBIC, URBIC1, URBIC2, URIC, URIC1, URIC2, JAMC, JAMC1, JAMC2, GARC, GARC1, GARC2, GARC3, POPC, POPC1, POPC2, POPC3, FLOC, FLOC1, FLOC2, FLOC3.

HVO 11 03:57:56.8, 0.8, 19°22'N, 0°05'155'44W, 0.05, h33km, 7km, Error ellipse: s-maj=8.0km s-min=5.6km az=135.0. NEIC 11 03:57:55.8, 0.6, 19.252N, 0.04, 155.44W, 0.03, h35km, 2km, ML3.6/40, ML3.4/37, HVO, Error ellipse: s-maj=7.7km s-min=5.0km az=189.0, Hawaiian Islands.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like HTC, HTC1, DES, DES1, DES2, DES3, DES4, DES5, DES6, DES7, DES8, DES9, DES10, DES11, DES12, DES13, DES14, DES15, DES16, DES17, DES18, DES19, DES20, DES21, DES22, DES23, DES24, DES25, DES26, DES27, DES28, DES29, DES30, DES31, DES32, DES33, DES34, DES35, DES36, DES37, DES38, DES39, DES40, DES41, DES42, DES43, DES44, DES45, DES46, DES47, DES48, DES49, DES50, DES51, DES52, DES53, DES54, DES55, DES56, DES57, DES58, DES59, DES60, DES61, DES62, DES63, DES64, DES65, DES66, DES67, DES68, DES69, DES70, DES71, DES72, DES73, DES74, DES75, DES76, DES77, DES78, DES79, DES80, DES81, DES82, DES83, DES84, DES85, DES86, DES87, DES88, DES89, DES90, DES91, DES92, DES93, DES94, DES95, DES96, DES97, DES98, DES99, DES100.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KKH, KKH1, KKH2, KKH3, KKH4, KKH5, KKH6, KKH7, KKH8, KKH9, KKH10, KKH11, KKH12, KKH13, KKH14, KKH15, KKH16, KKH17, KKH18, KKH19, KKH20, KKH21, KKH22, KKH23, KKH24, KKH25, KKH26, KKH27, KKH28, KKH29, KKH30, KKH31, KKH32, KKH33, KKH34, KKH35, KKH36, KKH37, KKH38, KKH39, KKH40, KKH41, KKH42, KKH43, KKH44, KKH45, KKH46, KKH47, KKH48, KKH49, KKH50, KKH51, KKH52, KKH53, KKH54, KKH55, KKH56, KKH57, KKH58, KKH59, KKH60, KKH61, KKH62, KKH63, KKH64, KKH65, KKH66, KKH67, KKH68, KKH69, KKH70, KKH71, KKH72, KKH73, KKH74, KKH75, KKH76, KKH77, KKH78, KKH79, KKH80, KKH81, KKH82, KKH83, KKH84, KKH85, KKH86, KKH87, KKH88, KKH89, KKH90, KKH91, KKH92, KKH93, KKH94, KKH95, KKH96, KKH97, KKH98, KKH99, KKH100.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like DAH, DAH1, DAH2, DAH3, DAH4, DAH5, DAH6, DAH7, DAH8, DAH9, DAH10, DAH11, DAH12, DAH13, DAH14, DAH15, DAH16, DAH17, DAH18, DAH19, DAH20, DAH21, DAH22, DAH23, DAH24, DAH25, DAH26, DAH27, DAH28, DAH29, DAH30, DAH31, DAH32, DAH33, DAH34, DAH35, DAH36, DAH37, DAH38, DAH39, DAH40, DAH41, DAH42, DAH43, DAH44, DAH45, DAH46, DAH47, DAH48, DAH49, DAH50, DAH51, DAH52, DAH53, DAH54, DAH55, DAH56, DAH57, DAH58, DAH59, DAH60, DAH61, DAH62, DAH63, DAH64, DAH65, DAH66, DAH67, DAH68, DAH69, DAH70, DAH71, DAH72, DAH73, DAH74, DAH75, DAH76, DAH77, DAH78, DAH79, DAH80, DAH81, DAH82, DAH83, DAH84, DAH85, DAH86, DAH87, DAH88, DAH89, DAH90, DAH91, DAH92, DAH93, DAH94, DAH95, DAH96, DAH97, DAH98, DAH99, DAH100.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MLH, MLH1, MLH2, MLH3, MLH4, MLH5, MLH6, MLH7, MLH8, MLH9, MLH10, MLH11, MLH12, MLH13, MLH14, MLH15, MLH16, MLH17, MLH18, MLH19, MLH20, MLH21, MLH22, MLH23, MLH24, MLH25, MLH26, MLH27, MLH28, MLH29, MLH30, MLH31, MLH32, MLH33, MLH34, MLH35, MLH36, MLH37, MLH38, MLH39, MLH40, MLH41, MLH42, MLH43, MLH44, MLH45, MLH46, MLH47, MLH48, MLH49, MLH50, MLH51, MLH52, MLH53, MLH54, MLH55, MLH56, MLH57, MLH58, MLH59, MLH60, MLH61, MLH62, MLH63, MLH64, MLH65, MLH66, MLH67, MLH68, MLH69, MLH70, MLH71, MLH72, MLH73, MLH74, MLH75, MLH76, MLH77, MLH78, MLH79, MLH80, MLH81, MLH82, MLH83, MLH84, MLH85, MLH86, MLH87, MLH88, MLH89, MLH90, MLH91, MLH92, MLH93, MLH94, MLH95, MLH96, MLH97, MLH98, MLH99, MLH100.

11d 5h

Table with columns: Station Name, Code, Time, Res, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like KUH Kaapuna, JOKA Jonika Flow, POHA Pohakuloa, etc.

NEIC 11 04:14:12.0±0.1, 4.35°83'N, 0°00'9.117°68'W, 0.01, h10km, 14km, ML3.3/126, ML3.6/289(PAS), Error ellipse: s-maj=2.7km s-min=1.6km az=338.0

PAS 11 04:14:12.6±1.4, 35°83'N, 0°00'8.117°68'W, 0.008, h8km, 3km, Error ellipse: s-maj=1.2km s-min=0.8km az=210.0

ISC 11 04:14:12.3±0.8, 35°83'N, 0°01'117°68'W, 0.02, h13km, 4km, n105, 0°50/120, Central California

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists numerous stations including CLC China Lake, TOW Tower One, RCWM Renegade Canyo, etc.

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Table with columns: Station Name, Code, Time, Res, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like OSI comp=E,300nm,0.8s, GMN Gold Mountain, CHFC Chiao Flat St, etc.

MAN 11 04:34:45.0, 2°45'N, 121°36'E, h33km, MS4.2, Celebes Sea

TAP 11 04:56:27.2, 24°55'N, 122°72'E, h97km, ML3.7, C JMA 11 04:56:27.3, 0.1, 24°N, 122°72'E, 0.4, h95km, 1km, MV2.5/14, NW OFF ISHIGAKIJIMA IS

ISC 11 04:56:27.4±1.4, 24°50'N, 0°04'122°71'E, 0.003, h96km, 7km, n102, 0°57/184, Taiwan region

Main station list table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like JYNG Yonagunijimako, YOJ Yonaguni jima, EOS3 EOS3, etc.

Main station list table with columns: Station Name, Code, Time, Res, Phase ID, Op, ISC, h, m, s, Res, ISC. Lists stations like LATG Hateruma jima, HATJ Hateruma jima, NDT Datong Townshi, etc.

SJA 11 05:49:54.0±0.7, 17°73'S, 69°56'W, h175km, 8km, ML3.7, MW3.6

GUC 11 05:50:00.2±0.8, 17°98'S, 69°55'W, h141km, 10km, ML3.8

IDC 11 05:50:00.5±2.2, 17°94'S, 69°11'W, h154km, 15km, ml3.4/5, mbtmp3.8/6, Error ellipse: s-maj=26.9km s-min=23.3km az=37.0

ISC 11 05:49:58.2±0.8, 18°01'S, 0°05'69'34'W, 0.008, h145km, 7km, n36, ±153/43, mb3.6/3, 3C, Northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PB18, AP01, PB12, etc.

TAP 11 06:05:04.6, 24.56N, 122.79E, h97km, ML3.8, C
JMA 11 06:05:04.6, 0.1, 24.56N, 122.79E, 0.4, h95km, 1km,
M1/2.5/17, NW OFF ISHIGAKIJIMA IS

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like YONG, YONAGUNI, EOS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ZULH, ETYL, TEVL, etc.

ASRS 11 06:30:46.0, 2.2, 54.15N, 86.47E, h0km, M2.3(MOS), The
earthquakes of Russia in 2020. Obninsk, GS RS, 2022.
IDC 11 06:30:48.9, 3.0, 54.10N, 86.54E, h0km, mbtm2.6/2,
ML2.4/2, Error ellipse: s-maj=23.5km s-min=13.8km
az=60.0, Southwestern Siberia

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

IDC 11 06:45:15.0, 0.9, 17.80N, 66.61W, h0km, mb3.6/7,
s-min=9.4km, az=146.0
s-maj=22.1km

PTWC 11 06:45:16.17, 90N, 66.60W, M4.0/15
NEIC 11 06:45:17.1, 17.92N, 66.57W, h3km
NEIC 11 06:45:17.1, 17.92N, 66.58W, h5km, Moment Tensor

OSPL 11 06:45:18.0, 1.1, 17.91N, 66.58W, h1km, 999km, ML4.6,
Presumed earthquake
ISC 11 06:45:16.6, 0.8, 17.90N, 66.59W, 0.02, h11km, 95km,
n114, c08/189, mb3.8/10, 23C-2D, Puerto Rico region

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

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Date, Time, and other parameters. Includes stations like Quiet Lake, L29M, C16K, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Date, Time, and other parameters. Includes stations like A22K, G31M, E28M, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Date, Time, and other parameters. Includes stations like GZR, GRF, KHC, etc.

DC 11 08:56:21.7z 1.7, 3.0; 55'Sx72.33'W, h0km, mbtmp3.9/2, ML3.6/2; Error ellipse: s-maj=81.8km s-min=21.6km az=17.0

SJA 11 08:56:26.1z 1.0, 7.0; 30'19Sx71'83W, h30km, 4km, ML3.5, MW3.8

GUC 11 08:56:30.1z 0.7, 3.0; 29'Sx71'45W, h55km, 4km, ML3.9

ISC 11 08:56:26.0z 1.5, 3.0; 19S-0.02, 71.84W, 0.05, h15km, 10km, N=158179, Sx Az: Near coast of central Chile

Table with columns: Code, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Date, Time, Res, and other parameters. Includes stations like Tololo Observa, Tololo Observa, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Renca, Cerro Caljn, Farellones, Coronel Fontan, CCHAEN, Universidad Ad, Vinchina, Las Vizcachas, Cerro Arco, Talagante, Popeta, Pirque, Valle Fertil, La Punta, Maricunga, Pan de Azucar, Tinogasta, Juan Fernandez, WRA, WAKE ISLAND, ZALV, etc.

IDC 11 08:57:19.4,3.8,53.76N,88.22E,h0km,mbtmp3.0/2, ML2.0/2, Error ellipse: s-maj=36.3km s-min=19.5km

ASRS 11 08:57:16.0,0.9,53.79N,88.22E,h0km,ML2.7(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022., Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZALESOVO INFRA, ZALV, KURBB, MKAR, etc.

SOME 11 08:58:02.7,4.1,20'N,72.60E,h15km KRNET 11 08:58:02.0,1.4,11.7N,72.56E,h15km,mb3.4

KNET 11 08:58:03.0,4.1,54'N,72.81E,h11km,mb2.6, Error ellipse: s-maj=4.4km s-min=3.5km az=144.0

ISC 11 08:58:01.6,1.2,41.13N,02.7252E,0.03,h2km,10km,n37,r1509/70,30C-26D,Kyrgyzstan

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARSB, OHH, ARK, SALK, SFK, MNAS, ARLS, BTK, MRKS, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Erkin-Say, Uchtor, Karatay Array, Chumysh, Oshpenovka, Naryn, Sogindy, Tokmak, Karabastau, Karabastau, Kajisay, etc.

RSNC 11 09:00:15.1,0.0,11.1N,2.74W,h5km,4km,ML3.1,mb3.6, mB5.1,ML2.7,Mw(mB)4.5,Near north coast of Colombia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like San Jacinto, Uribia, Ocana, Los crdobas, San Jos de Ur, Pamplona, Puerto Berrrio, Barichara, La Rusia, San Pablo de B, etc.

ASRS 11 09:06:56.0,0.8,54.65N,83.63E,h0km,ML2.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 11 09:06:60.0,2.3,54.55N,83.67E,h0km,mbtmp2.5/2, ML2.2/2, Error ellipse: s-maj=17.4km s-min=10.5km

ISC 11 09:06:03.0,2.5,18.90S,0.0667E,h3km,7km,mb4.3/18,ML4.0(GUC), Error ellipse: s-maj=12.1km

SJA 11 09:08:02.4,1.2,18.79S,67.28W,h264km,13km,ML3.8, MW3.8

VAO 11 09:08:03.5,0.3,18.65S,67.93W,h242km,mb4.1, Presumed earthquake

IDC 11 09:08:03.4,1.0,18.65S,66.93W,h242km,8km,mb3.5/10, mbtmp4.1/4, Error ellipse: s-maj=14.9km s-min=11.8km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZALESOVO INFRA, ZALV, KURBB, MKAR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Opoqueri, Aique, La Paz, Jacaju, Chumizma, IPOC Station, etc.

Table with columns: SDV, LR, LR, 09 43 39.1, and various station names like Santo Domingo, Saint Lucia, etc.

Table with columns: MDP, Sn, Sn, 09 45 25.4 -9.4, and various station names like MDP, BCIP, MACA, etc.

Table with columns: KODAK, J20K, H19K, FINES, G18K, K17K, H17K, AKASG, BOSA, LSZ, NRK, ARTI, WRA, NEIC, ISC, Code, Station Name, Phase ID, Time Res, and various station names like Kodiak Island, Novinta River, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like RLS Riols of Patr, MTHA Methoni, VASILIKIADES, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like SPITS Spitsbergen Ar, KURBB Kurchatov Arra, MKAR Makanchi Array, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like TWC Suao, EOSA EOSA, PCYT Pengchayiu, etc.

11d 14h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like COEG Centro de Oper, ESQI Esquipulas, TECO Alcaldia de Te, etc.

IDC 11 14:29:19.71, 0.37, 29N-76.92E, h0km, mb3.6/9, mbmp3.6/15, ML3.2/6, MS2.8/4, Error ellipse: s-maj=22.7km s-min=18.5km az=53.0

NNC 11 14:29:21.34, 1.1, 37.30N-76.43E, h0km, mb3.8, mpv3.9, Error ellipse: s-maj=47.6km s-min=33.4km az=73.0

ISC 11 14:29:24.91, 0.37, 33N-01.767E, 0.1, h35km, n22, #2510/23, mb3.4/8, 4C-2D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like AAK Ala-Archa, AAK Kurchatov Arra, BVAR Borovoye Array, etc.

UCR 11 14:39:33.4, 1.6, 7.55N-82.36W, h0km, 90km, MW3.9, Presumed earthquake

UPA 11 14:39:34.9, 1.8, 7.61N-82.34W, h3km, 6km, MW3.7, Presumed earthquake

ISC 11 14:39:34.8, 1.6, 7.61N-0.06, 82.32W, 0.03, h12km, 10km, n81, #123/95, 19C-5D, South of Panama

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like PCYT Pengchayiu, PBTY Shuangxi, etc.

2020 JUN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like ISECA Islas Secas, LMNES Limones, LIMO3 Limones, etc.

IDC 11 14:41:13.9, 1.2, 3.94N-126.26E, h0km, mb3.5/5, mbmp3.6/6, ML3.8/1, Error ellipse: s-maj=71.7km

DJA 11 14:41:18.4, 0.9, 4.1N-124.7E, h29km, 4km, M3.9/14, mb4.0/6, MLL3.8/14

MAN 11 14:41:23.0, 4.1, 11N-126.52E, h32km, MS3.1, ISC 11 14:41:20.4, 1.0, 4.01N, 0.09, 126.63E, 0.07, h45km, n16, #168/17, mb3.5/5, Talon Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like SSGI Sangihe, MNI Manado, DAV Davao City (W), etc.

TAP 11 14:50:09.8, 25.85N-122.60E, h232km, 1km, ML3.5, D JMA 11 14:50:12.3, 0.3, 25.85N-122.4E, 0.8, h237km, 3km, MV3.4/15, NW OFF ISHIGAKIJIMA

ISC 11 14:50:10.9, 2.6, 25.5N, 0.1, 122.44E, 0.04, h242km, 15km, n57, #977/101, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like PCYT Pengchayiu, PBTY Shuangxi, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like FUSB Dongshan, NDS Dongshan, EOSE EOS2, etc.

IDC 11 14:51:47.9, 1.4, 5.39S-151.28E, h0km, mb3.9/6, mbmp4.0/8, ML3.2/2, MS3.3/2, Error ellipse: s-maj=64.7km s-min=20.2km az=122.0

ISC 11 14:51:56.8, 1.2, 5.55S-0.2, 151.1E, 0.3, h65km, n13, #150/12, mb3.7/6, New Britain region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like KRVT Keravat (A5076), PMG Port Moresby, PMG FULB, etc.

NEIC 11 14:57:59.8, 1.7, 60.6S, 0.1, 22.8W, 0.3, h10km, 2km, mb4.7/18, Error ellipse: s-maj=27.0km s-min=15.0km az=60.0

IDC 11 14:57:59.7, 0.7, 60.77S-23.47W, h0km, mb4.5/11, mbmp4.6/13, ML4.9/2, MS3.8/28, Error ellipse: s-maj=26.8km s-min=15.7km az=71.0

ISC 11 14:58:00.6, 0.6, 60.77S-0.09, 23.2W, 0.1, h10km, n68, #121/42, mb4.5/17, MS3.8/26, 1C-5D, South Sandwich Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes entries like HOPE Hope Point, VNA1 Neumayer-04s, etc.

Table with columns: Code, Station Name, Az, Az2, Op, P, Pn, S, Sn, Time, Res. Includes stations like KOVU, KALU, SJUU, HEF, I37NO, ARCES, FINES, etc.

MOS 11 17:09:30.9-1.1, 43.05N:146.06E, h68km, mb4.9/21, Error ellipse: s-maj=9.7km s-min=5.4km az=106.6

IDC 11 17:09:31.2-2.4, 43.19N:146.06E, h50km, mb4.1/25, mtbpm4.3/29, ML2.9/3, MS2.9/12, Error ellipse: s-maj=16.0km s-min=13.9km az=114.0

NEIC 11 17:09:33.7-1.6, 43.15N:0.07:146.0E:0.1, h70km, mb4.5/105, Error ellipse: s-maj=12.8km s-min=9.7km az=105.0

NIED 11 17:09:33.3, 43.11N:146.04E, h65km, MW4.1, Moment Tensor Solution, s3 Moment tensor: Scale 10^19Nm

SKHL 11 17:09:33.5-0.1, 43.10N:146.10E, h70km, mb5.7/5, SKHL Felt (I-III) at Yuzhno-Kuril'sk, Goryachy Plash.

JMA 11 17:09:33.0-2.4, 43.1N:0.6:146.0E:0.9, h65km, 1km, MD4.2/40, MV4.3/40, OFF NEMURO PENINSULA

JMA Felt II J1 at Off NEMURO PENINSULA

ISC 11 17:09:32.5-0.5, 43.07N:0.05:146.08E:0.04, h65km, 3km, h64km:pp-P, n440, o993/447, mb4.5/115, 21C-12D, Kuril Islands

Main station list table with columns: Code, Station Name, Az, Az2, Op, P, Pn, S, Sn, Time, Res. Includes stations like NEM2, NEM2, NEM2, NMR, NMR, NMR, etc.

Main station list table with columns: Code, Station Name, Az, Az2, Op, P, Pn, S, Sn, Time, Res. Includes stations like YSS, YSS, YSS, YSS, YSS, etc.

Main station list table with columns: Code, Station Name, Az, Az2, Op, P, Pn, S, Sn, Time, Res. Includes stations like D17K, N15K, N15K, N15K, N15K, etc.

H21K	baz=276	Melozitna Rive	40.01	34	P	I	Iamb	17 16 59.2	-1.3
H21K	comp=Z,4.7nm,1.0s	Melozitna Rive	40.01	34	P			17 17 00.6	+0.1
H21K	baz=267,SNR=5.6	Lake Minchumin	40.14	37	P			17 17 02.4	+0.8
CHUM	baz=269	Purkeypile	40.19	39	P			17 17 02.6	+0.4
PPLA	baz=270	Castle Rocks	40.24	36	P			17 17 03.6	+1.1
CAST	baz=270,SNR=5.2	Castle Rocks	40.24	38	P			17 17 02.6	+0.1
CAST	baz=270,SNR=5.2	Kodiak Island	40.28	47	P			17 17 03.1	+0.3
KDAK	baz=276	Teshekpuk Lake	40.32	27	P			17 17 02.9	-0.1
H27K	baz=260	Tanana	40.32	35	P			17 17 04.4	+1.3
I21K	baz=268	Tanana	40.32	35	P			17 17 03.2	+0.1
I21K	baz=268	Skuwentna	40.52	40	P			17 17 05.1	+0.3
SKT	baz=272	Anaktuvuk Pass	40.59	31	P			17 17 05.7	+0.3
E22K	comp=Z,4.7nm,0.8s	Anaktuvuk Pass	40.59	31	P			17 17 06.7	
E22K	baz=265,SNR=10	Ishitalina Cre	40.60	34	P			17 17 06.1	+0.6
H22K	baz=268	Bettles	40.61	32	P			17 17 05.7	+0.3
G22K	baz=266	Kantishna Hill	40.76	38	P			17 17 08.5	+1.6
KTH	comp=Z,6.3nm,0.8s	Zalesovo Beam	40.79	307	P			17 17 05.8	-1.3
KTH	comp=Z,1.3nm,0.4s,slow=89,slow=7.7,SNR=8.1	Zalesovo Beam	40.79	307	P			17 19 07.4	+0.4
ZALV	comp=Z,1.3nm,0.5s,slow=73,slow=3.4,SNR=6.4	Zalesovo Beam	40.79	307	P			17 17 07.0	-0.1
ZALV	comp=Z,1.9nm,1.8.3s,slow=78,slow=38	Zalesovo Beam	40.79	307	P			17 17 08.0	-0.1
ZALV	comp=Z,1.0nm,0.4s	Manley	40.85	35	P			17 17 07.1	+0.6
ZALV	comp=Z,1.0nm,0.4s	Manley	40.85	35	P			17 17 08.0	+0.6
MLY	baz=269	Petersville	40.85	39	P			17 17 08.2	+0.6
MLY	baz=272	Thorofare Moun	41.05	38	P			17 17 09.5	+0.2
L22K	baz=269	Manushuk River	41.09	29	P			17 17 09.4	0.0
TRF	baz=265	Bananza Creek	41.19	33	Iamb	Iamb		17 17 11.7	
D23K	comp=Z,3.9nm,1.0s	Bananza Creek	41.19	33	P			17 17 10.1	-0.1
G23K	baz=268,SNR=6.4	Iktilik River	41.20	28	Iamb	Iamb		17 17 11.8	
G23K	comp=Z,9.4nm,1.2s	Iktilik River	41.20	28	P			17 17 10.6	+0.3
C23K	baz=264,SNR=6.0	Yukon River	41.36	34	P			17 17 12.7	+1.0
H23K	baz=269	Chandalar	41.41	31	P			17 17 11.8	-0.3
E23K	baz=267	Chandalar	41.41	31	P			17 17 12.4	+0.2
I23K	baz=267	Minto, Yukon-K	41.43	35	P			17 17 12.5	+0.3
TOLK	baz=270	Toolik Lake Re	41.46	30	P			17 17 12.8	+0.3
O22K	baz=266	Cooper Landing	41.48	42	P			17 17 13.4	+0.7
NEA2	baz=275	Nenana	41.56	36	Iamb	Iamb		17 17 15.6	
NEA2	comp=Z,5.1nm,0.8s	Nenana	41.56	36	P			17 17 13.6	+0.3
MCK	baz=271,SNR=7.7	McKinley	41.64	37	P			17 17 14.2	+0.2
SEW	baz=276	Seward	41.65	43	P			17 17 14.4	+0.4
D24K	baz=269	Happy Valley	41.77	29	P			17 17 15.1	+0.2
E24K	baz=269	Your Creek	41.83	31	P			17 17 16.1	+0.5
E24K	comp=Z,4.3nm,0.7s	Your Creek	41.83	31	P			17 17 15.8	+0.3
E24K	baz=268,SNR=9.3	Franklin Bluff	41.85	28	P			17 17 15.7	+0.1
C24K	baz=266	Knik Glacier	42.01	41	P			17 17 17.0	-0.1
KNK	baz=275	Sawmill	42.04	40	P			17 17 17.6	+0.3
SML	baz=275	Noodor Dome	42.04	34	P			17 17 18.1	+0.4
H24K	comp=Z,1.2nm,1.4s	Noodor Dome	42.04	34	P			17 17 17.7	+0.4
H24K	baz=271,SNR=7.0	Squaw Lake	42.05	32	P			17 17 17.4	+0.2
F24K	baz=269,SNR=5.2	College	42.08	36	eP	pP		17 17 18.4	+1.0
COLA		College	42.08	36	iPP	pP		17 17 33.3	-0.3
COLA		Hadweenzic Riv	42.20	33	Iamb	Iamb		17 17 20.7	
G24K	comp=Z,5.8nm,0.9s	Hadweenzic Riv	42.20	33	P			17 17 19.0	+0.5
G24K	baz=270,SNR=8.3	Susitna Watana	42.25	39	P			17 17 19.4	+0.3
WAT6	baz=275	Denali Highway	42.38	38	P			17 17 20.1	-0.1
DHY	baz=274	Harding Lake	42.48	36	P			17 17 21.2	+0.3
H31M	comp=Z,4.9nm,0.7s	Harding Lake	42.48	36	P			17 17 21.1	+0.2
ILAR	comp=Z,2.3nm,0.7s,slow=46,slow=5.6,SNR=24	Eielson Array	42.49	36	P			17 17 20.6	-0.2
ILAR	comp=Z,2.3nm,0.7s	Kavik Riv	42.65	29	Iamb	Iamb		17 17 23.7	
D25K	comp=Z,4.8nm,0.4s	Kavik Riv	42.65	29	P			17 17 22.0	-0.1
D25K	baz=268,SNR=9.6	Bearman Lake	42.74	33	P			17 17 23.5	+0.7
G25K	baz=272	Christian River	42.91	32	P			17 17 24.7	+0.5
F25K	baz=271,SNR=5.2	Arctic Village	42.93	31	P			17 17 25.1	+0.7
E25K	baz=270	Tolsona, Glenn	43.02	40	P			17 17 26.3	+0.3
M24K	baz=276	Porcupine Dome	43.03	35	P			17 17 26.3	+1.0
PRP	comp=Z,5.9nm,1.0s	Porcupine Dome	43.03	35	P			17 17 26.2	+0.8
PRP	baz=273,SNR=7.1	Donnelly Dome	43.04	37	P			17 17 25.8	+0.4
K24K	baz=275	Salcha River,	43.15	36	P			17 17 26.1	-0.2
J25K	baz=274	Camden Bay	43.17	28	P			17 17 26.0	-0.3
C26K	baz=269	Independent Ri	43.46	37	P			17 17 28.3	+0.4
RIDG	baz=276	Sheenjek River	43.48	31	Iamb	Iamb		17 17 31.2	
F26K	comp=Z,4.8nm,0.8s	Sheenjek River	43.48	31	P			17 17 28.9	+0.1
F26K	baz=272,SNR=9.6	Jago River	43.59	29	Iamb	Iamb		17 17 31.2	
C27K	comp=Z,3.8nm,0.7s	Jago River	43.59	29	P			17 17 29.9	+0.3
G27K	baz=271,SNR=5.2	Porcupine Rive	43.65	32	Iamb	Iamb		17 17 32.0	+0.4
G26K	comp=Z,9.3nm,0.9s	Porcupine Rive	43.65	32	P			17 17 30.6	+0.4
SCRK	baz=273,SNR=13	Sand Creek	43.81	37	P			17 17 31.6	-0.1
SCRK	baz=276	Chitina, Valde	43.82	40	P			17 17 32.2	+0.4
N25K	baz=278	Bremner River	43.92	41	P			17 17 33.2	+0.7
BMRM	baz=279	Makanchi Array	44.21	298	eP	pP		17 17 34.8	-0.2
MK31	comp=Z,4.4nm,0.5s,slow=131,slow=9.1,SNR=59	Makanchi Array	44.21	298	P			17 17 35.1	+0.2
MKAR	comp=Z,3.4nm,20.0s,slow=83,slow=38	Makanchi Array	44.21	298	P			17 17 34.9	-0.1
MKAR	comp=Z,4.4nm,0.5s	Makanchi	44.21	298	P			17 17 36.6	0.0
MKAR	comp=Z,6.9nm,0.7s	Makanchi	44.21	298	P			17 17 36.6	0.0
MAKZ	comp=Z,7.0nm,0.7s	Coleen River	44.41	31	P			17 17 36.5	+0.2
E27K	baz=274	Nabesna, AK	44.46	39	P			17 17 37.3	+0.5
M26K	baz=279	Doyon Strip	44.50	33	P			17 17 37.9	+0.9
G27K	baz=275	Malcom River	44.57	29	P			17 17 37.9	+0.3
D27M	baz=274	Steamboat Moun	44.61	33	Iamb	Iamb		17 17 40.9	
H27K	comp=Z,1.1nm,1.4s	Steamboat Moun	44.61	33	P			17 17 38.7	+0.8
I27K	comp=Z,1.0nm,0.6s,slow=70,slow=8.7,SNR=52	Kandik River	44.64	34	P			17 17 39.1	+0.9
I27K	baz=277	Cirque	44.69	41	P			17 17 38.9	+1.2
CRQE	baz=290	Bering Glacier	44.71	42	P			17 17 39.9	+0.3
BGLC	baz=281	Edge Creek, AK	44.98	39	P			17 17 41.7	+0.7
M27K	baz=280	Old Crow	45.11	31	Iamb	Iamb		17 17 44.2	
F28M	comp=Z,4.6nm,0.8s	Old Crow	45.11	31	P			17 17 42.6	+0.8
F28M	baz=276,SNR=8.7	Babbage River	45.14	30	P			17 17 43.3	+1.2
E28M	baz=276,SNR=8.7	Kurchatov	45.27	304	P			17 17 43.0	-0.3
KURK	baz=279	Kurchatov	45.27	304	eP	pP		17 19 21.1	-0.9
KURK	baz=279	Kurchatov	45.27	304	eP	pP		17 17 42.8	-0.5
KURK	comp=Z,8.0nm,0.9s	Kurchatov	45.35	304	P			17 17 43.8	-0.1
KURRB	comp=Z,10.0nm,0.6s,slow=70,slow=8.7,SNR=52	Kurchatov	45.35	304	P			17 19 21.2	-1.2
KURRB	comp=Z,10.0nm,0.6s	MESA	45.35	42	P			17 17 44.6	+0.5
MESA	baz=282	Miner Creek	45.35	34	Iamb	Iamb		17 17 46.7	
I28M	comp=Z,5.8nm,0.7s	Miner Creek	45.35	34	P			17 17 44.6	+0.7
I28M	baz=278,SNR=12	Stokes Point	45.36	29	P			17 17 44.5	+0.8
D28M	baz=278,SNR=12	Blow River	45.76	30	Iamb	Iamb		17 17 49.3	
E29M	comp=Z,5.4nm,1.1s	Blow River	45.76	30	P			17 17 48.1	+1.1
E29M	baz=277,SNR=5.3	Whitestone	45.88	33	P			17 17 48.9	+1.0
H29M	baz=279	Pine Creek	45.91	32	Iamb	Iamb		17 17 51.0	
G29M	comp=Z,1.1nm,1.1s	Pine Creek	45.91	32	P			17 17 49.3	+1.1
G29M	baz=278,SNR=5.5	Ogilvie Camp,	46.04	34	Iamb	Iamb		17 17 52.2	
I29M	comp=Z,5.7nm,0.8s	Ogilvie Camp,	46.04	34	P			17 17 50.0	+0.7
I29M	baz=278,SNR=5.0	Mount Upton	46.08	41	P			17 17 50.5	+0.6
O28M	baz=283	Eagle Plains	46.51	33	Iamb	Iamb		17 17 55.8	
EPYK	comp=Z,1.0nm,0.7s	Eagle Plains	46.51	33	P			17 17 53.6	+0.7
EPYK	baz=280,SNR=5.5	Somme Creek	46.53	38	P			17 17 53.9	+0.7
M29M	baz=282	L29M	46.54	37	P			17 17 53.6	+0.4
L29M	baz=282	Chiang Mai Arr	46.59	253	eP	pP		17 17 52.9	-1.1
CMAR	comp=Z,1.0nm,0.3s	IAoh Zraii Nji	46.60	32	Iamb	Iamb		17 17 55.0	
G30M	comp=Z,4.4nm,0.6s	IAoh Zraii Nji	46.60	32	P			17 17 54.1	+0.5
G30M	baz=280,SNR=7.4	Barlow Dome	46.66	36	P			17 17 54.7	+0.5
K29M	baz=282	Barrier River	46.66	31	P			17 17 54.5	+0.5
F30M	baz=280,SNR=7.5	Mount Dempster	46.87	34	Iamb	Iamb		17 17 58.5	
I30M	comp=Z,6.2nm,0.7s	Mount Dempster	46.87	34	P			17 17 56.5	+0.7
I30M	baz=282,SNR=14	Outpost Mounta	46.91	40	P			17 17 56.5	+0.2
YUK6	baz=282	Hart River	47.02	35	P			17 17 57.4	+0.4
J30M	baz=282	Minto, Yukon	47.25	38	P			17 17 58.6	-0.2
M30M	baz=282	Haines Junctio	47.35	40	Iamb	Iamb		17 18 01.0	+1.4
HYT	comp=Z,5.8nm,0.9s	Haines Junctio	47.35	40	P			17 17 59.9	+0.3
HYT	baz=282,SNR=5.2	Satah River	47.37	32	P			17 17 59.6	+0.1
G31M	baz=282	Inuvik	47.38	30	Iamb	Iamb		17 18 01.6	
INK	comp=Z,4.5nm,0.8s	Inuvik	47.38	30	P			17 18 00.1	+0.5
INK	baz=281	Tsiigetchic	47.47	31	P			17 18 01.1	+0.9
F31M	baz=282	Wirry Craggy	47.54	42	P			17 18 01.8	+0.8
P29M	baz=286	Peel River	47.57	33	Iamb	Iamb		17 18 04.2	
H31M	comp=Z,4.9nm,0.7s	Peel River	47.57	33	P			17 18 01.6	+0.5
H31M	baz=283	Borovyoy Array	49.33	309	P			17 18 14.7	-0.1
BVAR	comp=Z,2.9nm,0.4s,slow=71,slow=9.1,SNR=19	Borovyoy Array	49.33	309	P				

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like JYA Atsumi, JMK Ichinoseki, JOTO OTAMA OYAMA, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like EWUT Hehuan Shan, WHF Hehuan Shan, WHF Hehuan Shan, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like TPUB Ta-pu, TPUB Ta-pu, TPUB Ta-pu, etc.

ATH 12 00:06:44.8, 34.28N-26.07E, h17km, 4km, ML2,9/7, Latitude uncertainty: 2 km; Longitude uncertainty: 3 km

THE 12 00:06:45.6, 34.1N, 26.1E, 1.0, 4km, 26km, M2,9/4, MLh2,9/4

IDC 12 00:06:46.2, 1.5, 35.18N-25.07E, h0km, 26km, 3.4/5, mbtmp3.4/6, ML3.1/1, Error ellipse: s-maj=76.6km

ISC 12 00:06:46.1, 1.9, 34.36N-26.08E, 25.99E, 0.05, h10km, 10km, n18, c1943/27, mb3.4/4, Crete

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

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

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like TPUB Ta-pu, TPUB Ta-pu, TPUB Ta-pu, etc.

BUI 12 00:21:30.5, 23.79N; 121.90E, h21km, mB4.4/7, mb4.4/22, ML4.5/3, Ms3.9/15, Ms7.3/8/18

NEIC 12 00:21:31.3, 23.89N; 121.83E, h10km

NEIC 12 00:21:33.3, 1.6, 23.92N-0.04-121.82E, 0.03, h24km, 3km, mb4.6/45, Mw4.1/25, Error ellipse: s-maj=6.5km

NIED 12 00:21:34.7, 23.97N; 121.71E, h30km, MW4.2, Moment Tensor Solution. s2 Moment tensor: Scale 10^15Nm; Mr1.34; Mw0.08;

TAP 12 00:21:35.3, 24.01N; 121.69E, h31km, ML4.8, B

ASIES 12 00:21:35.5, 24.01N; 121.69E, h30km, Mw4.1, Fault plane solution: N1P1-207.00000, 830.00000, 1.98.00000

IDC 12 00:21:36.4, 2.7, 24.05N; 121.86E, h47km, 27km, mb2.0/19, mbtmp4.3/20, ML2.4/1, MS3.4/20, Error ellipse: s-maj=19.2km s-min=12.5km az=58.0

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

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like WJWS Zhushan, EHD Haiduan, WJWS Zhushan, etc.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like TPUB Ta-pu, TPUB Ta-pu, TPUB Ta-pu, etc.

12d Oh

Table of station data for 12d Oh, including columns for station name, coordinates, and various parameters like pmax, LR, and P.

2020 JUN

Main table of station data for 2020 JUN, including columns for station name, coordinates, and various parameters like P, Iamb, and Pmax.

626

Table of station data for 626, including columns for station name, coordinates, and various parameters like SG, S, and P.

WEL 12:00:34:04.9±0.8,36°S:7°17'8E±10',h168km±14km, M3.5/17,ML3.4/7,MLV3.5/17,Error ellipse: s-maj=13.1km s-min=9.0km az=110.1,confirmed,Off east coast of North Island

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

GUC 12:00:43:45.6±0.8,36°S:73°58'W,h10km±2km,ML3.7, Near coast of central Chile

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

SJA 12:00:52:48.2±0.6,36°S:74°10'W,h6km±5km,ML3.9, MWV.1

ISC 12:00:52:54.1±1.4,36°S:73°93'W,h0km,mb3.3/3, mbtmp3.5/7,ML3.6/3,MS3.2/2,Error ellipse: s-maj=38.8km s-min=20.9km az=86.0

GUC 12:00:52:56.6±0.6,36°S:73°56'W,h14km±2km,ML4.0, ISC 12:00:52:53.6±1.6,36°S:103°73'79W,0.04,h0km±11km, n60,±18°S:75,mb3.8/3,Near coast of central Chile

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

Table with columns for station name, frequency, power, and other technical details. Includes stations like ARSA Arzberg, MOA Molin, SJG San Juan, MEM Membach, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like DPC Dobruska-Polom, ICOR lun Corvin, MLR Muntele Rosu, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KONO Kongsberg, PMSA Palmer Station, PABE Paberze, etc.

SJA 12 01:25:29.3±1.4, 37°01'S-73°62'W, h18km, 6km, ML3.5, MW3.4
GUC 12 01:25:32.1±0.8, 36°91'S-73°55'W, h18km, 6km, ML3.5
ISC 12 01:25:32.7±2.5, 36°90'S-06°73.6'W, 0.1, h12km, 9km, n13,
#096/20, 2C, Near coast of central Chile

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Punta Hualpén, San Pedro de C, San Fabín de, San Fabín de, Panimavida, Hualañe, Curcunco, Pichilemu, Sierra Bellaví, Curarrehue, Tunca.

CNRM 12 01:46:08.3, 36°20'N-7°63'W, h30km, ML2.7
MDD 12 01:46:09.7, 1.9, 36°49'N-7°60'W, h8km, 6km, M_Lg2.3/4,
Error ellipse: s-maj=12.8km s-min=6.1km az=48.0
INMG 12 01:46:09.3, 1.9, 36°42'N-7°52'W, h12km, 5km, ML1.4, Error
ellipse: s-maj=8.6km s-min=7.5km az=148.0,
#DIST_RANGE: REGIONAL #PMA_REGION: Golfo de
Cadiz
SFS 12 01:46:11.1, 36°46'N-7°65'W, h34km, ML1.6/9, ML2.1/9,
ML2.3/7
ISC 12 01:46:05.9, 1.2, 36°33'N-0°4:75'W, 0.03, h19km, 3km,
n33, #1932/61, Strait of Gibraltar

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Barranco-do-Ve, Vaqueiros, El Granado, Vila Bisbo, Marquete, Castro Verde, Espera, Sao Teotónio, Messejana, Mina Concepcio, Beja, Barrancos, Evora, Montemor, El Cabril, El Cabril, El Cabril, Badajoz, Arraiolos, Estremoz, Estremoz, Montargil, Adamuz, Quesada, Granatula de C, MD31, MD31.

MDT Midelt 4.28 144 P Pn 01 47 10.3 +0.3
EDT Eilat 01 47 58.8 -0.6
METO Tobarra 5.32 62 S Sn 01 48 25.0 -0.1
CATAC 12 01:56:58.9±0.4, 16°N±2.9'4W±.1, h112km, 5km, M4.0/9,
mb4.0/2, mb4.9/1, MLV4.0/9, MW(mB)4.2/1, Error ellipse:
s-maj=5.3km s-min=3.5km az=28.5, confirmed
GCG 12 01:57:00.0±2.2, 16°19'N-93°33'W, h114km, 17km, MD4.2,
ML4.3, MW3.2, Presumed earthquake
MEX 12 01:57:00.2±0.6, 16°11'N-93°55'W, h116km, 8km, MD4.0
ISC 12 01:56:56.3±1.3, 16°07'N-0°4:93'2W, 0.03, h133km, 8km,
n41, #169/71, Chiapas

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Arriaga, Comitán, Comitán, Matías Romero, El Naranjo, Pavencul, Huehuetenango, Huehuetenango, Huehuetenango, Huehuetenango, Retalhuleu, Retalhuleu, Huatulo, Arroyo Zacate, El Palmar, Qui, El Palmar, Qui, Oaxaca, Oaxaca, Oaxaca, Coban, Vista Hermosa, El Apazote, Puerto Escondido, Flores, Flores, Sabancuy, Sabancuy, Yosondúa, Alcaidia de Sa, Jalcomulco, Santa Rosa de, Tlapa, Coahuila, Mexiquita, Tepich, Tepich.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Union Juárez, Huehuetenango, Huehuetenango, Huehuetenango, Retalhuleu, Retalhuleu, Huatulo, Arroyo Zacate, El Palmar, Qui, El Palmar, Qui, Oaxaca, Oaxaca, Coban, Vista Hermosa, El Apazote, Puerto Escondido, Flores, Flores, Sabancuy, Sabancuy, Yosondúa, Alcaidia de Sa, Jalcomulco, Santa Rosa de, Tlapa, Coahuila, Mexiquita, Tepich, Tepich.

NEIC 12 02:23:54.6±2.8, 17°9'S:0.2x178:49W:0.10, h552km, 8km,
mb4.2/16, Error ellipse: s-maj=26.0km s-min=8.2km
az=154.0
IDC 12 02:23:56.6±1.6, 17°59'S-178°85'W, h569km, 18km,
mb3.3/10, mbmp4.2/12, Error ellipse: s-maj=35.4km
s-min=15.1km az=143.0
ISC 12 02:23:54.1±0.5, 17°9'S:0.1x178:55W:0.10, h530km, n49,
#102/49, mb4.0/18, Fiji Islands region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Nonsavu, Afiamalu, Raoul Island, Marie Luyatit, Saranoutou, Mont Dzumac, Arma Armiale, Coen, Too, Stephens Creek, Innaminka, BUCKEBOO, Warramunga Arr, Warramunga Arr, Alice Springs, Alice Springs, Forrest, Fitzroy Crossi, South Pole Q, Petropavlovsk, Petropavlovsk, Kinokw River, Minakow, Kaktuh Hills, Kaktuh Hills.

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Bamfield, North Creek, Sheep Creek, Castle Rocks, Lajitas Array, Lajitas Array, Pinedale Array, Yellowknife Arr, Bucoquina Ar, Bucoquina Ar, Keskin Array B, Collm, GERESS Array S, GERESS Array B, GERESS Array B, Gerona, Rosalia, Auster, Sestler Alpe, Conrad Observ, Schwarzelotte, Wattenberg, Sankt Quirin, Abfallersbach, Ofenpass-Fuorn.

DNK 12 02:25:12.3±2.9, 78°91'N:19°03'W, h4km, 18km, ML2.6,
Presumed earthquake
BER 12 02:25:15.4±3.3, 78°90'N:18°82'W, h10km, Mw4.3,
ML2.6(DNK), Confirmed Earthquake
ISC 12 02:25:08.9±0.8, 78°94'N:0°4:19'32W:0.05, h10km, n18,
#222/34, Eastern Kalaallit Nunaat

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Danmarks Havn, Nord, Nord, Nord, Nord, Kingsbay, Kingsbay, Kingsbay, Kingsbay, North Greenlan, North Greenlan, North Greenlan, Spitsbergen Ar, Summit, Summit, Summit, Scoresbysund, Scoresbysund, Scoresbysund, Kullorsuaq, Kullorsuaq, Kullorsuaq, Upernavik, Upernavik, Upernavik.

RSNC 12 02:43:25.0±0.0, 7°N:1°7'3W, h143km, 1km, M3.1,
mb4.5, mb3.6, ML2.8, MLV3.5, MW(mB)3.6
FUNV 12 02:43:26.5, 7.14N:73.17W, h5km, MW2.7, Presumed
earthquake
ISC 12 02:43:23.1±1.3, 6.87N:0°03:73'11W:0.05, h152km, 9km,
n37, #1957/70, Northern Colombia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists stations like Barichara, Pamplona, Colo, La Rusia, La Rusia, Puerto Berrío, Chingaza, El Rosal, Cruz Verde, Cu, San Jos de Ur, Guyaná, Caldas, Villavicencio, Niza - Manizal, Ciudad Bolívar, Dabeiba, Santo Domingo, Apartado, Choc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like TengChong, Musemishta, OHR, NCK, KKB, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PZH, ERBR, HURM, IUG, ARSB, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MESJ, ITTB, PSZ, etc.

TXAR	comp=Z,3.0nm,0.9s,baz=69,slow=3.4,SNR=12	PKPbc	sPKPpdf	03 13 11.1	-0.1	TASM	ASL_Pad, Albuq	154.24	262	IAMS_20	IAMS_20	04 33 16.5	L14K	Kuka Creek	156.57	30	IAMS_20	IAMS_20	04 35 26.2			
TXAR	comp=Z,9.6nm,0.9s,baz=143,slow=3.1,SNR=18	PP		03 16 44.8	+0.9	E23K	Chandalar	154.24	10	IAMS_20	IAMS_20	04 29 36.2	L14K	Kuka Creek	156.57	30	P	PKPab	03 13 45.5 -0.4			
A21K	Barrow	150.26	12	P	PKIKP	03 13 13.7	+0.2	E23K	Chandalar	154.24	10	P	PKPbc	03 13 21.6	-0.3	H24K	Noodor Dome	156.57	10	P	PKPab	03 13 45.5 -0.4
AGMN	Agassiz Nation	150.34	295	IAMS_20	IAMS_20	04 23 26.2		G17K	Kiwalik Moun	154.27	22	P	PKPbc	03 13 21.8	-0.1	EPYK	Eagle Plains	156.67	359	P	PKPab	03 13 45.7 -0.6
A36M	Sachs Harbour	150.37	352	IAMS_20	IAMS_20	04 24 59.8		E24K	Your Creek	154.36	9	P	PKPbc	03 13 21.7	-0.5	H27K	Steamboat Moun	156.74	4	IAMS_20	IAMS_20	04 28 22.7
A36M	Sachs Harbour	150.37	352	P	PKPbc	03 13 12.8	-0.2	F22K	John River	154.39	13	P	PKPbc	03 13 21.8	-0.3	H27K	Steamboat Moun	156.74	4	P	PKPab	03 13 46.1 -0.5
A19K	Wainwright	150.44	16	P	PKIKP	03 13 13.7	-0.2	E28M	Galgale River	154.43	1	IAMS_20	IAMS_20	04 30 22.3	L15K	Ungalik Moun	156.78	29	P	PKPab	03 13 46.0 -0.8	
ULM	Lac du Bonnet	150.50	299	PKPbc	PKPbc	03 13 13.2	-0.7	E28M	Babbage River	154.43	1	P	PKPbc	03 13 21.3	-0.9	J19K	Poorman	156.78	20	IAMS_20	IAMS_20	04 29 52.9
BGNE	Belgrade	150.59	281	IAMS_20	IAMS_20	04 26 32.3		F21K	Alatina River	154.43	14	IAMS_20	IAMS_20	04 27 52.4	J19K	Poorman	156.78	20	P	PKPab	03 13 46.1 -0.7	
AMTX	Amarillo	150.72	266	IAMS_20	IAMS_20	04 33 38.4		F21K	Alatina River	154.43	14	P	PKPbc	03 13 21.4	-0.8	H29M	Whitestone	156.83	0	P	PKPab	03 13 45.8 -1.2
A22K	Sinclair Lake	150.79	11	P	PKPbc	03 13 14.4	+0.4	H16K	Elim	154.46	24	P	PKPbc	03 13 21.3	-1.1	M13K	Dall Lake	156.89	33	IAMS_20	IAMS_20	04 34 37.0
C16K	Lisburne Hills	150.96	21	P	PKPbc	03 13 14.2	-0.3	G18K	Tagagawik	154.47	20	IAMS_20	IAMS_20	04 29 37.0	M13K	Dall Lake	156.89	33	P	PKPab	03 13 46.2 -1.2	
C16K	Lisburne Hills	150.96	21	P	PKPbc	03 13 14.2	-0.3	G18K	Tagagawik	154.47	20	P	PKPbc	03 13 21.9	-0.5	MLY	Manley	156.90	14	IAMS_20	IAMS_20	04 30 49.6
MSTX	Muleshoe	151.09	264	IAMS_20	IAMS_20	04 31 32.2		E25K	Arctic Village	154.61	7	IAMS_20	IAMS_20	04 30 09.7	MLY	Manley	156.90	14	P	PKPab	03 13 46.5 -0.9	
B20K	Meade River	151.33	14	IAMS_20	IAMS_20	04 29 32.2		E25K	Arctic Village	154.61	7	P	PKPbc	03 13 21.7	-1.0	J20K	Nowinta River	156.97	18	IAMS_20	IAMS_20	04 33 53.9
B20K	Meade River	151.33	14	P	PKPbc	03 13 15.5	+0.2	INK	Squall Lake	154.62	356	P	PKPbc	03 13 21.2	-1.3	J20K	Nowinta River	156.97	18	P	PKPab	03 13 46.2 -1.4
C17K	DeLong Moun	151.35	19	P	PKPbc	03 13 15.5	0.0	G19K	Purcell Moun	154.64	18	IAMS_20	IAMS_20	04 34 20.2	I23K	Minto, Yukon-K	157.01	12	P	PKPab	03 13 47.1 -0.6	
B22K	Teshhepuk Lake	151.61	11	IAMS_20	IAMS_20	04 30 12.1		G19K	Purcell Moun	154.64	18	P	PKPbc	03 13 22.3	-0.4	K17K	Iditarod	157.07	24	IAMS_20	IAMS_20	04 33 01.8
B22K	Teshhepuk Lake	151.61	11	P	PKPbc	03 13 16.2	+0.3	E29M	Blow River	154.65	360	IAMS_20	IAMS_20	04 38 18.2	K17K	Iditarod	157.07	24	P	PKPab	03 13 47.3 -0.8	
C19K	Lookout Ridge	151.64	16	P	PKPbc	03 13 16.2	+0.1	E29M	Blow River	154.65	360	P	PKPbc	03 13 21.2	-1.5	H31M	Peel River	157.15	356	P	PKPab	03 13 47.6 -0.8
C18K	Utukok River	151.67	18	IAMS_20	IAMS_20	04 25 28.7		E27K	Coleen River	154.79	3	IAMS_20	IAMS_20	04 30 46.9	PRP	Porcupine Dome	157.16	8	IAMS_20	IAMS_20	04 25 26.1	
C18K	Utukok River	151.67	18	P	PKPbc	03 13 16.1	-0.1	E27K	Coleen River	154.79	3	P	PKPbc	03 13 22.3	-0.8	PRP	Porcupine Dome	157.16	8	P	PKPab	03 13 47.7 -0.8
RDOG	Red Dog Mine	151.74	19	IAMS_20	IAMS_20	04 28 39.6		H17K	Granite Moun	154.90	22	IAMS_20	IAMS_20	04 31 47.5	M14K	Bethel	157.22	31	P	PKPab	03 13 47.3 -1.5	
RDOG	Red Dog Mine	151.74	19	P	PKIKP	03 13 17.3	+0.6	H17K	Granite Moun	154.90	22	P	PKPbc	03 13 22.9	-0.4	I27K	Kandik River	157.37	4	P	PKPab	03 13 48.5 -0.8
GAMB	Gambell	151.75	31	IAMS_20	IAMS_20	04 32 09.0		F24K	Squall Lake	154.96	9	P	PKPbc	03 13 23.2	-0.2	L16K	Owhat River	157.44	27	IAMS_20	IAMS_20	04 36 50.0
GAMB	Gambell	151.75	31	P	PKIKP	03 13 16.8	+0.1	G22K	Bettles	155.03	13	P	PKPbc	03 13 22.8		L16K	Owhat River	157.44	27	IAMS_20	IAMS_20	04 36 50.0
MNTX	Cornudas Moun	151.81	257	IAMS_20	IAMS_20	04 33 32.3		G21K	Allakleet	155.06	15	P	PKPbc	03 13 22.6		L16K	Owhat River	157.44	27	P	PKPab	03 13 48.8 -0.9
SUSD	Miller	151.90	286	IAMS_20	IAMS_20	04 21 45.7		F25K	Christian River	155.12	7	IAMS_20	IAMS_20	04 30 15.2	COLA	College	157.51	11	IAMS_20	IAMS_20	04 30 23.2	
D17K	Noatak River	151.96	20	P	PKPbc	03 13 16.8	0.0	F25K	Christian River	155.12	7	P	PKPbc	03 13 22.8	+7.9	L17K	Donlin	157.51	25	P	PKPab	03 13 49.2 -0.8
TNA	Tin City	152.06	26	IAMS_20	IAMS_20	04 31 02.6		F26K	Sheenik River	155.14	6	P	PKPpdf	03 13 22.7	+7.8	I26K	Clear Creek Min	157.57	6	IAMS_20	IAMS_20	04 28 49.7
TNA	Tin City	152.06	26	P	PKPbc	03 13 17.2	+0.1	H18K	Honhosa River	155.14	20	IAMS_20	IAMS_20	04 29 21.7	NEA2	Nenana	157.58	12	IAMS_20	IAMS_20	04 35 04.6	
B21K	Ikpikpuk River	152.09	12	P	PKIKP	03 13 17.4	+0.1	H18K	Honhosa River	155.14	20	P	PKPbc	03 13 23.1	+8.2	NEA2	Nenana	157.58	12	P	PKPab	03 13 49.8 -0.4
B21K	Ikpikpuk River	152.09	12	P	PKPbc	03 13 17.2	+0.2	H19K	Roundabout Mou	155.30	18	pPKPpdf	pPKPpdf	03 13 19.2	+1.2	I28M	Miner Creek	157.58	2	P	PKPab	03 13 49.6 -0.7
C23K	Iktilik River	152.44	9	IAMS_20	IAMS_20	04 25 13.0		H19K	Roundabout Mou	155.30	18	P	PKPbc	03 13 23.2	+8.1	CHUM	Lake Minchumin	157.63	17	P	PKPab	03 13 48.9 -1.5
C23K	Iktilik River	152.44	9	P	PKPbc	03 13 17.7	-0.1	SP1A	Saint Paul Isl	155.32	44	IAMS_20	IAMS_20	04 32 58.6	K20K	Telida	157.69	19	IAMS_20	IAMS_20	04 25 15.0	
D19K	Kuna River	152.45	16	IAMS_20	IAMS_20	04 26 55.1		SP1A	Saint Paul Isl	155.32	44	P	PKPbc	03 13 23.1	+7.7	K20K	Telida	157.69	19	P	PKPab	03 13 49.8 -1.0
D19K	Kuna River	152.45	16	P	PKPbc	03 13 17.8	-0.1	J14K	Nanvarenek Lak	155.34	28	IAMS_20	IAMS_20	04 28 51.4	I29M	Ogilvie Camp,	157.69	0	P	PKPab	03 13 49.6 -1.1	
D20K	Knihebale Rid	152.48	13	P	PKIKP	03 13 18.3	+0.1	J14K	Nanvarenek Lak	155.34	28	P	PKPbc	03 13 23.2	+8.0	CCB	Clear Creek Bu	157.72	11	IAMS_20	IAMS_20	04 27 41.2
C21K	Etiulik River	152.55	15	IAMS_20	IAMS_20	04 30 01.7		F30M	Barrier River	155.40	358	IAMS_20	IAMS_20	04 29 21.0	ILAR	Ilar	157.72	10	PKP	PKPpdf	03 13 17.6 -0.6	
D20K	Etiulik River	152.55	15	P	PKPbc	03 13 18.3	+0.1	F30M	Barrier River	155.40	358	P	PKPbc	03 13 23.3	+8.1	ILAR	Ilar	157.72	10	P	PKPab	03 13 49.2 -1.6
F14K	Arctic Creek	152.62	25	P	PKIKP	03 13 18.7	+0.1	F28M	Old Crow	155.41	2	IAMS_20	IAMS_20	04 31 46.4	ILAR	Ilar	157.72	10	PKP	PKP	03 17 59.4 -0.9	
EPT	El Paso	152.65	256	IAMS_20	IAMS_20	04 30 21.6		F28M	Old Crow	155.41	2	P	PKPbc	03 13 22.9	+7.6	M15K	Kasigluk River	157.73	30	P	PKPab	03 13 20.7 -0.2
C36M	Paulatuk	152.71	349	IAMS_20	IAMS_20	04 25 09.5		RSSD	Black Hills	155.43	284	IAMS_20	IAMS_20	04 24 11.2	I30M	Mount Dempster	157.81	358	P	PKPpdf	03 13 20.4 +1.8	
C36M	Paulatuk	152.71	349	P	PKPbc	03 13 17.8	-0.6	G23K	Bananza Creek	155.46	11	IAMS_20	IAMS_20	04 36 03.3	I30M	Mount Dempster	157.81	358	P	PKPab	03 13 51.3 0.0	
E17K	Hotham Inlet	152.75	20	P	PKPbc	03 13 18.4	-0.1	G23K	Bananza Creek	155.46	11	P	PKPab	03 13 41.5	+0.4	N14K	Kuskokwak Cree	157.85	32	IAMS_20	IAMS_20	04 32 53.3
C24K	Franklin Bluff	152.76	8	IAMS_20	IAMS_20	04 30 33.5		G23K	Bananza Creek	155.46	11	P	PKPab	03 13 41.5	+0.4	BWN	Browne	157.91	13	IAMS_20	IAMS_20	04 32 01.9
E24K	Franklin Bluff	152.76	8	P	PKIKP	03 13 19.3	+0.6	K13K	Kusivik Moun	155.46	31	IAMS_20	IAMS_20	04 28 34.0	L18K	Granite Moun	157.93	23	IAMS_20	IAMS_20	04 29 24.6	
C18K	Tukpahleark C	152.78	19	IAMS_20	IAMS_20	04 25 32.2		K13K	Kusivik Moun	155.46	31	P	PKPab	03 13 42.1	+0.9	L18K	Granite Moun	157.93	23	P	PKPab	03 13 50.9 -0.9
E18K	Tukpahleark C	152.78	19	P	PKPbc	03 13 18.6	0.0	I17K	Unalakleet	155.47	24	IAMS_20	IAMS_20	04 32 20.6	J25K	Salcha River,	158.05	8	P	PKPab	03 13 51.4 -0.9	
C26K	Camden Bay	152.89	5	P	PKIKP	03 13 19.7	+0.7	I17K	Unalakleet	155.47	24	P	PKPab	03 13 42.0	+0.9	HDA	Harding Lake	158.06	10	IAMS_20	IAMS_20	04 29 57.2
F15K	North Star Dit	152.98	24	IAMS_20	IAMS_20	04 31 58.8		F31M	Tsighethic	155.49	356	P	PKPab	03 13 41.9	+0.8	HDA	Harding Lake	158.06	10	P	PKPab	03 13 52.0 -0.3
F15K	North Star Dit	152.98	24	P	PKPbc	03 13 19.3	+0.1	H20K	Anotleneega Mo	155.68	17	P	PKPab	03 13 42.1	+0.1	CAST	Castle Rocks	158.09	17	P	PKPab	03 13 51.5 -1.0
E20K	Nigu River	153.02																				

12d 3h

Table of station data for 12d 3h, including columns for station name, frequency, power, and status. Includes stations like Dot Lake, Pinedale Array, Petersville, etc.

2020 JUN

Table of station data for 2020 JUN, including columns for station name, frequency, power, and status. Includes stations like Outpost Mounta, Haines Junctio, Mendenhall, etc.

636

Table of station data for 636, including columns for station name, frequency, power, and status. Includes stations like Tandag City, Surigao, Manobo, etc.

IDC 12 03:02:39.8:4.4, 14.77N-93.59W, h0km, mb3.5/2, mbmtmp3.2/4, ML2.8/3, Error ellipse: s-maj=104.8km s-min=29.0km az=31.0, Near coast of Chiapas

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Matias Romero, El Aguilon, etc.

KRSC 12 03:11:36.8:0.5, 55.68N x 162.46E, h26km, 19km, MI3.5, Near east coast of Kamchatka Peninsula

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

IDC 12 03:20:47.8:3.2, 5.76N: 125.69E, h203km, 29km, mb3.5/12, mbtmp4.0/12, Error ellipse: s-maj=31.0km s-min=11.7km az=70.0

NEIC 12 03:20:48.4:1.5, 5.73N:0.09:125.7E:0.1, h198km, 7km, mb4.3/15, Error ellipse: s-maj=19.6km s-min=12.3km az=70.0

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

IDC 12 03:23:16.8:3.9, 9.512S-151.52E, h0km, mb3.5/3, mbtmp6.3/3, Error ellipse: s-maj=140.0km s-min=52.4km az=121.0, New Britain region

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

IDC 12 03:28:30.2:0.7, 4.408N-115.15W, h0km, mbtmp3.3/5, ML2.8/5, Error ellipse: s-maj=9.3km s-min=5.8km az=87.0

NEIC 12 03:29:30.9:2.0, 4.413N:0.03:115.09W:0.04, h10km, 2km, ML3.1/76, ML3.5/30(BUT), Error ellipse: s-maj=4.9km s-min=3.8km az=232.0

BUT 12 03:28:31.4:2.1, 4.414N:0.02:115.10W:0.01, h8km, 8km, Error ellipse: s-maj=3.2km s-min=0.8km az=164.0

ISC 12 03:29:29.1:0.6, 4.402N:0.03:115.05W:0.03, h10km, n57, c151/65, Western Gable

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

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HUU Hansel Valley, YHL Hebgan Lake, BOZ Bozeman (W), MSO Missoula, etc.

IDC 12 03:44:36.3z, 2.9, 27.23N:53.46E, h0km, mb3.7/6, mbmp3.8/6, Error ellipse: s-maj=59.5km s-min=34.1km az=151.0

TEH 12 03:34:50.5z, 27.63N:53.30E, h5km, ML3.6, Presumed earthquake

OMAN 12 03:34:58.5z, 1.1, 27.45N:53.75E, h10km, mb3.2/5, m3.4/18, Error ellipse: s-maj=11.4km s-min=6.3km az=3.0

ISC 12 03:34:51.5z, 0.7, 27.64N:0.03:53.32E, h10km, n45, r186/53, mb3.9/4, Southern Iran

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KHL1 Khalil Fars, LMD1 Lamerid, QIR1 Qir, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KBAM BAM, ARQ Araqi, UMZA Um Al Zomool, etc.

IDC 12 03:45:03.5z, 3.2, 22.03N:122.28E, h0km, mb3.7/4, mbmp3.7/4, Error ellipse: s-maj=265.0km s-min=28.0km az=63.0

TAP 12 03:45:05.5z, 21.66N:121.76E, h37km, ML3.8, 0, ISC 12 03:45:05.8z, 1.5, 21.70N:0.05:121.77E, h0km, h18km, 5km, n83, r132/162, mb3.6/4, 1D, Taiwan region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LYUB Lan-yu, LAY Lan-yu, TSEB Hengchuen, etc.

IDC 12 03:45:34.5z, 399.0, 2.29S:78.13W, h0km, Error ellipse: s-maj=217.2km s-min=152.3km az=18.0, Ecuador

IDC 12 03:58:34.2z, 0.8, 30.74S:177.86W, h0km, mb4.4/8, mbmp4.4/9, ML3.4/1, Error ellipse: s-maj=25.2km s-min=19.4km az=126.0

NEIC 12 03:58:39.5z, 1.1, 30.76S:0.05:177.87W, h0km, h35km, 2km, mb/12, Error ellipse: s-maj=17.2km s-min=6.7km az=67.0

ISC 12 03:58:40.2z, 0.7, 30.71S:0.06:177.9W, h0km, n54, r155/42, mb4.7/15, 3D, Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, MASBT Mashbuluwa, CHKT Chengkung, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WHF Wufeng, WDGJ Tungji, ETLH Xiulin Townshi, etc.

IDC 12 03:58:34.2z, 0.8, 30.74S:177.86W, h0km, mb4.4/8, mbmp4.4/9, ML3.4/1, Error ellipse: s-maj=25.2km s-min=19.4km az=126.0

NEIC 12 03:58:39.5z, 1.1, 30.76S:0.05:177.87W, h0km, h35km, 2km, mb/12, Error ellipse: s-maj=17.2km s-min=6.7km az=67.0

ISC 12 03:58:40.2z, 0.7, 30.71S:0.06:177.9W, h0km, n54, r155/42, mb4.7/15, 3D, Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, MASBT Mashbuluwa, CHKT Chengkung, etc.

IDC 12 03:58:34.2z, 0.8, 30.74S:177.86W, h0km, mb4.4/8, mbmp4.4/9, ML3.4/1, Error ellipse: s-maj=25.2km s-min=19.4km az=126.0

NEIC 12 03:58:39.5z, 1.1, 30.76S:0.05:177.87W, h0km, h35km, 2km, mb/12, Error ellipse: s-maj=17.2km s-min=6.7km az=67.0

ISC 12 03:58:40.2z, 0.7, 30.71S:0.06:177.9W, h0km, n54, r155/42, mb4.7/15, 3D, Kermadec Islands

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RAO Raoul Island, MASBT Mashbuluwa, CHKT Chengkung, etc.

NNC 12 04:30:34.2, 3.40, 81°N: 73.06E, h0km, mb, 2, mpv, 4.1, Error ellipse: s-maj=19.6km s-min=8.4km az=173.0

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists various stations like ARSB, TASHATA, SUFFI-KURGAN, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like SATY, UZB, SHLS, DJR, etc.

IDC 12 04:48:47.9, 2.5, 57.58N: 155.33W, h58km, 21km, mb, 3.8/19, mbtmp=4.0/22, ML3.9/3, Error ellipse: s-maj=20.9km s-min=5.1km az=33.0

NEIC 12 04:48:48.0, 1.2, 57.33N: 0.03:155.18W: 0.05, h62km, 6km, mb, 4/56, ML3.9/92, ML3.8(AEIC), Error ellipse: s-maj=5.1km s-min=3.3km az=211.0

AEIC 12 04:48:49.1, 1.7, 57.325N: 0.007:155.20W: 0.06, h49km, 5km, Error ellipse: s-maj=4.6km s-min=1.0km az=81.0

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like R17L, CAHL, MGLS, ACHA, ANCK, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like CNBA, SDPT, SDPT, SDPT, etc.

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like D20K, C18K, CRAIG, etc.

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like CTA, STKA, ASAR, WRA, etc.

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like QMBU, YAR, PINC, etc.

Summary text at the bottom of the page, including event codes and station names.

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12d 7h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include stations like HI2 Hauiti, RPN Rapu Nui, H04S1 CROZET ISLANDS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include stations like VNA2 Neumayer-Watz, RPN Rapu Nui, H04S1 CROZET ISLANDS, etc.

642

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC. Rows include stations like RAF Rauma, ARCES ARCES Array B, ARCES, etc.

Table with columns: MORC, VRAC, JAVC, KRUC, LANS, LANS, VYHS, VYHS. Includes station names, coordinates, and times.

MEX 12 09:11:25.5±1.0, 14.56N±0.22W, h92km±11km, MD4.1
GGC 12 09:11:27.9±0.6, 14.57N±0.22W, h57km±5km, MD4.0

Presumed earthquake
CATAC 12 09:11:29.0±0.6, 15°N±4.9°W±2.1, h40km±4km, M3.1/6,
ML2.3/1.6, Error ellipse: s-maj=12.5km s-min=3.7km
g2=44.7 confirmed

ISC 12 09:11:24.6±1.3, 14.36N±0.06±92.35W±0.04, h62km±11km,
n32.±195/50, Near coast of Chiapas

Main station data table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error, ISC ID. Lists stations like THIG, RTAL, CHUU, etc.

ISK 12 09:17:16.9, 39.34N±27.86E, h6km, ML3.9/76
AFAD 12 09:17:16.8, 39.33N±27.85E, h13km±1km, MW3.9/7

THE 12 09:17:19.4, 39.3N±2.8E±1, h18km±21km, M3.5/17,
ML3.5/17

SOF 12 09:17:20.6, 39.35N±0.03±27.68E±0.01, h31km±2km,
MD4.0/5

ISC 12 09:17:17.3±0.8, 39.33N±0.01±27.88E±0.01, h12km±6km,
n175.±09/1/234, 18C-7D, Turkey

Main station data table for Turkey with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error, ISC ID. Lists stations like STEP, BALIKESIR, SOMA, etc.

Main station data table for Turkey (continued) with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error, ISC ID. Lists stations like DKL, SMAA, SIVA, etc.

Main station data table for Turkey (continued) with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error, ISC ID. Lists stations like KUSD, ESEN, CESE, etc.

SDD 12 09:17:40.2±2.4, 19.15N±69.80W, h0km±6km, MD3.6,
ML3.0, MW3.1, Presumed earthquake
OSPL 12 09:17:40.7±1.6, 19.13N±69.76W, h0km±17km, ML2.7,
Presumed earthquake
ISC 12 09:17:39.3±1.0, 19.13N±0.03±69.79W±0.02, h16km±9km,
n29.±144/49, 31C-2D, Dominican Republic region

Table with columns: TXAR, Lajitas Array, 65.35 329 P, 11 18 28.4 +1.7, etc.

ISK 12 11:08:25.9, 40.81N, 25.59E, h7km, ML3.6/38
AFAD 12 11:08:26.5, 40.81N, 25.68E, h18km, 2km, ML3.6
ATH 12 11:08:26.4, 40.80N, 25.59E, h12km, 1km, ML3.4/18,
Latitude uncertainty: 0 km; Longitude uncertainty: 0 km
THE 12 11:08:26.8, 40.8N, 0.6:25.6E:0.7, h3km, 1km, M3.4/21,
ML3.3/421
BEO 12 11:08:26.5, 0.7, 40.77N, 25.63E, h0km, ML3.7/12
ISC 12 11:08:26.7, 0.9, 40.79N, 0.01:25.58E, 0.01, h9km, 8km,

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

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

Table with columns: PLG, Polygyros, 1.68 256 P, 11 08 56.0 -0.3, etc.

ISC 12 11:08:25.9, 40.81N, 25.59E, h7km, ML3.6/38
AFAD 12 11:08:26.5, 40.81N, 25.68E, h18km, 2km, ML3.6
ATH 12 11:08:26.4, 40.80N, 25.59E, h12km, 1km, ML3.4/18,
Latitude uncertainty: 0 km; Longitude uncertainty: 0 km
THE 12 11:08:26.8, 40.8N, 0.6:25.6E:0.7, h3km, 1km, M3.4/21,
ML3.3/421
BEO 12 11:08:26.5, 0.7, 40.77N, 25.63E, h0km, ML3.7/12
ISC 12 11:08:26.7, 0.9, 40.79N, 0.01:25.58E, 0.01, h9km, 8km,

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

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

Table with columns: comp=N, 0.6m, 0.5s, baz=213, slow=12, SNR=9.8, etc.

ISC 12 11:08:25.9, 40.81N, 25.59E, h7km, ML3.6/38
AFAD 12 11:08:26.5, 40.81N, 25.68E, h18km, 2km, ML3.6
ATH 12 11:08:26.4, 40.80N, 25.59E, h12km, 1km, ML3.4/18,
Latitude uncertainty: 0 km; Longitude uncertainty: 0 km
THE 12 11:08:26.8, 40.8N, 0.6:25.6E:0.7, h3km, 1km, M3.4/21,
ML3.3/421
BEO 12 11:08:26.5, 0.7, 40.77N, 25.63E, h0km, ML3.7/12
ISC 12 11:08:26.7, 0.9, 40.79N, 0.01:25.58E, 0.01, h9km, 8km,

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

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

comp=Z,87nm,19.4s,baz=19,slow=35
 1.2nm,1.0s
JAY Jayapura 48.17 21 LR LR 12 48 00.2
 comp=Z,56nm,21.7s,baz=260,slow=35
SUJI Sorong 48.20 8 LR LR 12 48 40.0
 comp=Z,21nm,21.1s,baz=254,slow=36
SNAA Sanae 54.18 198 LR LR 12 51 07.3
 comp=Z,65nm,19.5s,baz=43,slow=35
CMAR Chiang Mai Arr 71.04 334 P P 12 31 11.6 +0.7
 0.6nm,0.4s,baz=167,slow=8.0,SNR=6.2
 0.6nm,0.4s
YKA Yellowknife Arr 145.14 5 PKPbc PKPdf 12 39 29.1 -0.1
 1.7nm,0.7s,baz=264,slow=3.5,SNR=22

HEL 12 12:30:42.9,0.1,67.44N:23.41E, h0km, ML1.6, Explosion
 UPP 12 12:30:42.2,0.4,67.42N:23.38E, h0km, ML2.3, Suspected
 explosion
 IDC 12 12:30:43.2, 1.1, 67.43N:23.55E, h0km, mbmp3.0/3,
 ML2.2/3, Error ellipse: s-maj=26.4km s-min=8.9km
 az=99.0

ISC 12 12:30:42.0,0.7,67.42N:0.02:23.18E:0.03,h0km,n37,
 r13/56,Sweden

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
KLF	Kolari	0.36 121	PG	12 30 48.3	-0.6
KLF	Kolari		SG	12 30 52.8	-0.7
KLF	Kolari		Sg	12 30 52.8	-0.7
MASU	Masugnbyn	0.46 275	P	12 30 52.3	-0.7
MASU	Masugnbyn		S	12 30 59.7	-0.6
MASU	Masugnbyn		Sb	12 30 57.5	+0.7
LANU	Lannavaara	0.77 325	PG	12 31 09.7	+0.3
LANU	Lannavaara		SB	12 31 00.5	+0.2
ERTU	Ertjaerv	0.95 204	P	12 31 14.3	+0.3
ERTU	Ertjaerv		S	12 31 14.3	+0.3
ERTU	Ertjaerv		PG	12 31 00.5	+0.2
ERTU	Ertjaerv		SG	12 31 14.2	+0.3
ERTU	Ertjaerv		Sb	12 31 00.9	-0.4
HEF	Hetta	1.01 10	eP	12 31 00.9	-0.4
HEF	Hetta	1.01 10	PG	12 31 10.7	-3.6
HEF	Hetta		SG	12 31 10.7	-3.6
HEF	Hetta		Smax	12 31 12.7	
DUNU	Dundred	1.06 255	P	12 31 03.3	+0.1
DUNU	Dundred		S	12 31 18.6	+0.7
KUA	Kuravaara	1.21 298	P	12 31 05.8	0.0
RNF	Rovaniemi	1.38 125	PG	12 31 06.8	-1.7
RNF	Rovaniemi		SN	12 31 29.1	+1.6
KOVU	Salmi	1.40 306	P	12 31 09.3	+0.3
TOF	Tornio	1.42 161	PG	12 31 08.2	-0.9
TOF	Tornio		Smax	12 31 25.7	
RATU	Raukkulusta	1.43 288	P	12 31 09.8	+0.3
HARU	Harads	1.54 216	P	12 31 11.1	+0.4
KALU	Kalix	1.57 177	eP	12 31 11.3	+0.2
KTKI	Kautokeino	1.60 1	eP	12 31 11.9	+0.4
KTKI	Kautokeino	1.60 1	PG	12 31 11.3	-0.2
KTKI	Kautokeino		SN	12 31 32.6	-0.2
NIKU	Nikkaluokta	1.65 288	P	12 31 13.6	+0.1
RAJF	Ranua	2.02 133	PG	12 31 17.7	+0.5
RAJF	Ranua		SG	12 31 44.2	+1.1
RAJF	Raja-Jooseppi	2.21 59	PG	12 31 20.0	+1.1
RAJF	Raja-Jooseppi		SG	12 31 49.4	+1.6
ARAO	ARCESS Array S	2.29 21	PG	12 31 21.6	+0.5
ARAO	ARCESS Array S		SN	12 31 51.4	+1.5
ARCES	ARCESS Array B	2.29 21	PG	12 31 21.5	+0.5
ARCES	ARCESS Array B		SN	12 31 50.5	+0.6
ARCES	ARCESS Array B		S	12 31 50.5	+0.6
IS7NO	IS7NO	2.38 316	I	12 45 35.7	
IS7NO	IS7NO		I	12 45 35.7	
VRF	Vario	2.49 79	PB	12 31 24.4	+0.7
VRF	Vario		Smax	12 31 53.6	
VRF	Vario		Smax	12 31 53.6	
VRF	Vario		SB	12 31 56.4	+1.7
OUL	Oulu	2.59 154	PB	12 31 26.4	+1.3
KU2	Taivalkoski	2.65 128	PN	12 31 26.6	+0.6
KU2	Taivalkoski		SG	12 32 03.0	-0.4
OLKF	Oulanka, Finla	2.69 111	PN	12 31 27.0	+0.5
OLKF	Oulanka, Finla		Smax	12 32 00.1	
OLKF	Oulanka, Finla		SG	12 32 03.9	-0.7
THO	Throsno	2.71 327	SB	12 32 04.6	-0.6
KEV	Kevo	2.73 29	PB	12 31 28.5	+1.4
KEV	Kevo		SG	12 32 03.7	+3.0
MSF	Maaselka	2.78 120	PN	12 31 27.5	-0.3
MSF	Maaselka		SG	12 32 06.6	-0.6
KU6	Rieki	3.01 115	PN	12 31 31.4	+0.4
KU6	Rieki		Smax	12 32 09.4	
KU6	Rieki		SG	12 32 12.8	-0.9
OUF	Merjarvi	3.13 168	PN	12 31 34.1	+1.5
OUF	Merjarvi		Smax	12 32 15.1	
RVF	Rovaniemi	4.25 136	PN	12 31 50.1	+2.2
RMV	Romuvaa	4.41 79	PN	12 31 50.0	-0.1
NIF	Nilsia	4.49 152	PN	12 31 53.5	+2.3
FINES	FINES Array B	6.13 167	PN	12 32 15.4	+1.6
FINES	FINES Array B		SN	12 33 23.0	-1.5
FINES	FINES Array B		S	12 33 23.0	-1.5
HFS	Hagfors	8.42 214	Pn	12 32 45.3	+0.1
HFS	Hagfors		SN	12 32 45.3	+0.1
HFS	Hagfors		P	12 32 45.3	+0.1

IDC 12 12:40:00.3: 17.0,24.37S: 179.75E, h56km, 167km,
 mb3.1/4, mbmp4.1/4, Error ellipse: s-maj=125.4km
 s-min=28.1km az=51.0

ISC 12 12:39:54.9, 1.6, 24.1S: 0.3: 180.0W: 0.3, h518km, n6,
 r025/8, mb3.7/4, South of Fiji Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
STKA	Stephens Creek	34.68 248	P	12 46 01.1	0.0
ASAR	Alice Springs	42.03 261	P	12 47 01.0	0.0
ASAR	Alice Springs		PcP	12 48 43.7	-0.4
WRA	Warramunga Arr	42.42 266	P	12 47 04.1	+0.1
WRA	Warramunga Arr		PcP	12 48 45.2	-0.2
QSPA	South Pole Qui	66.01 180	P	12 49 49.7	0.0
HFS	Hagfors	142.72 349	PKP	12 58 28.4	0.0
BRTR	Reskin Arr B	147.30 370	PKPbc	12 58 43.3	+0.3
BRTR	Reskin Arr B		PKIKP	12 58 43.3	+0.3

JMA 12 13:02:02.1: 0.5, 21°N, 121°E, h15km, MV4.1/15,
 TAIWAN REGION

TAP 12 13:02:04.2, 21°50N: 121°32E, h61km, ML3.8, D
 MAN 12 13:02:04.0, 21°15N: 121°42E, h1km, MS2.9

ISC 12 13:02:07.2, 2.0, 21.55N: 0.10: 121°31E: 0.03, h41km, 16km,
 r125, r128/161, Taiwan region

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
TSEB	Hengchun, Pin	0.52 313	P	13 02 17.6	-0.6
TSEB	Hengchun, Pin		S	13 02 28.2	+2.2
LYUB	Lan-yu	0.52 30	P	13 02 17.1	-1.3
LYUB	Lan-yu		S	13 02 26.4	+0.2
LAY	Lan-yu	0.54 25	eP	13 02 17.1	+1.5
LAY	Lan-yu		eS	13 02 26.8	+0.1
TWKBT	Hengchun	0.60 311	eP	13 02 18.7	-0.7
TWKBT	Hengchun		eS	13 02 29.6	+1.5
TWK1	Hengchun	0.61 311	eP	13 02 18.6	-0.9
TWK1	Hengchun		S	13 02 19.1	+1.3
SMST	Manzhou Townsh	0.64 317	P	13 02 19.0	-1.0
SMST	Manzhou Townsh		S	13 02 29.9	+0.8
HEN	Hengchun	0.70 311	P	13 02 20.4	-0.3
HEN	Hengchun		eS	13 02 32.0	+1.7

Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
SLIU	Shizi	0.82 325	P	13 02 21.2	-1.2
SLIU	Shizi		Sn	13 02 34.2	+0.9
TAW	Tawu	0.89 335	iP	13 02 18.1	-1.5
TAW	Tawu		S	13 02 24.9	+0.2
EAST	Anshuo	0.94 333	iP	13 02 23.6	-1.4
EAST	Anshuo		S	13 02 36.0	+0.2
SCZT	Fangliu	1.04 322	eP	13 02 25.0	-0.3
SCZT	Fangliu		S	13 02 40.9	+2.1
ECL	Taimali	1.10 343	P	13 02 24.1	-2.0
ECL	Taimali		S	13 02 38.2	-1.8
LDUT	Ludao	1.13 8	eP	13 02 24.9	-1.7
LDUT	Ludao		S	13 02 31.4	+0.1
SSPT	Xinbi	1.16 324	eP	13 02 27.8	-0.7
SSPT	Xinbi		S	13 02 43.9	+0.5
MASBT	Mashibuluo	1.23 330	iP	13 02 28.4	-0.3
MASBT	Mashibuluo		S	13 02 35.0	+0.7
TWGBT	Beinan	1.28 351	P	13 02 28.4	-0.3
TWGBT	Beinan		S	13 02 43.4	+1.4
TWG	Pinlang	1.29 350	eP	13 02 26.6	-2.1
TWG	Pinlang		eS	13 02 43.3	-1.6
TSMG	Majia	1.31 332	eP	13 02 28.2	-0.8
TSMG	Majia		S	13 02 28.9	-0.7
SSD	Sandimen	1.35 333	eP	13 02 27.8	-2.0
SSD	Sandimen		S	13 02 45.8	-1.0
LONT	Donghe	1.42 360	eP	13 02 28.8	-1.8
LONT	Donghe		eS	13 02 47.2	-0.9
TWM1	Shoushan	1.51 327	eP	13 02 33.8	+1.9
TWM1	Shoushan		S	13 02 32.5	+0.4
ECS	Chishang	1.54 357	eP	13 02 33.8	+1.9
ECS	Chishang		eS	13 02 51.4	+0.2
CHKT	Chengkung	1.55 2	eP	13 02 31.3	-1.0
CHKT	Chengkung		eS	13 02 50.9	-0.3
SLGT	Liugui	1.57 337	eP	13 02 33.8	+1.0
SLGT	Liugui		eS	13 02 32.0	-0.8
WOKO	Wangsheng	1.60 357	eP	13 02 32.8	-0.8
CHKH	Chengkang	1.64 3	eP	13 02 53.5	+0.1
FULB	Fuli	1.65 360	P	13 02 32.8	-0.9
FULB	Fuli		S	13 02 54.8	+0.9
ELDTW	Lidau	1.66 351	eP	13 02 31.9	-2.0
ELDTW	Lidau		S	13 02 42.9	+1.9
SGST	Jiaoshian	1.67 337	eP	13 02 35.5	+0.4
STYH	Taoyuan	1.69 343	eP	13 02 35.0	+0.7
CHNI	Nanshi	1.73 336	eP	13 02 36.3	+0.7
EYUL	Yuli	1.79 0	eP	13 02 34.8	-1.0
TWFI	Yuli	1.80 360	eP	13 02 35.0	-0.8
WTP	Yuli	1.81 339	P	13 02 37.0	+1.0
YULB	Yu-li	1.84 360	P	13 02 36.8	+0.5
YULB	Yu-li		P	13 02 34.2	-2.2
TPUB	Ta-pu	1.86 340	P	13 02 37.9	+1.3
TPUB	Ta-pu		S	13 03 03.6	+4.8
TPUB	Ta-pu		S	13 02 42.3	-0.3
TWK	Hsiungyung	1.87 336	eP	13 02 37.5	+0.7
EHHY	Wanrong	1.94 1	eP	13 02 36.3	-1.4
EHHY	Wanrong		eS	13 02 59.3	-1.6
EHY	Hungye	1.95 0	eP	13 02 35.9	-2.0
EHY	Hungye		eS	13 02 57.2	-2.2
TSCK	Chigu Township	1.95 325	eP	13 02 37.3	+2.2
WJCO	Wanjiao	1.99 341	eP	13 02 39.3	+2.2
ALY	Alishan	2.01 347	eP	13 02 40.1	+1.2
CHY	Chiayi	2.11 337	eP	13 02 39.9	-0.2
WARBT	Fenglin Townsh	2.16 2	eP	13 02 39.9	-1.0
WARBT	Fenglin Townsh		S	13 03 04.7	-1.7
WHYR	Yinyi Township	2.18 349	0.0	13 02 41.7	-1.0
WYDT	Wuydt	2.20 356	eP	13 02 41.9	+0.5
WSL	Shulin Townsh	2.21 333	eP	13 02 41.6	+0.3
SHUL	Shoufeng	2.24 6	eP	13 02 41.7	-0.2
SHUL	Shoufeng		S	13 03 10.8	

H11S1	WAKE ISLAND Hy	35.48	98	T	T	13 48 01.2
H11S2	WAKE ISLAND Hy	35.49	98	T	T	13 48 17.6
WMQ	Urumqi	36.53	306	eP	P	13 10 38.0 +2.1
WMQ	comp=Z,19nm,0.7s			LR	LR	
BATI	Baumata	38.99	189	LR	LR	13 30 45.8
KRV7	Keravat (AS076)	39.28	143	LR	LR	13 24 27.9
MK31	Makanchi Array	40.80	310	P	P	13 11 11.4 -0.1
MKAR	Makanchi Array	40.80	310	P	P	13 11 10.9 -0.6
MKAR	comp=Z,0.9nm,0.7s,baz=74,slow=9.8,SNR=5.0			PcP	PcP	13 13 12.4 +0.9
MKAR	comp=Z,5.4nm,19.2s,baz=100,slow=39			LR	LR	13 30 04.0
MKAR	comp=Z,1.2nm,0.5s			P	P	13 11 11.4 -0.1
MAKZ	Makanchi	41.02	310	P	P	13 11 13.0 -0.3
ZALV	Zalesovo Beam	41.05	321	P	P	13 11 10.9 -2.5
ZALV	comp=Z,0.8nm,0.5s,baz=109,slow=9.3,SNR=1.4			PcP	PcP	13 13 12.7 +0.6
ZALV	comp=Z,1.0nm,0.5s,baz=129,slow=3.9,SNR=4.3			SCp	SCp	13 16 55.6 -0.8
ZALV	comp=Z,0.6nm,0.6s,baz=108,slow=4.7,SNR=4.3			P	P	13 11 14.9 -0.4
MTN	Mantodam	41.24	177	P	P	13 12 37.5
PMG	Port Moresby	41.49	153	LR	LR	13 29 13.6
TIXI	Tiksi	43.09	360	LR	LR	13 11 36.0 +1.2
TARG	Taragay Kyrgyz	43.92	315	P	P	13 11 36.1 -0.6
KURBB	Kurchatov Arra	43.92	315	P	P	13 17 07.6 -0.4
KURBB	comp=Z,0.9nm,0.3s,baz=99,slow=8.9,SNR=2.1			SCp	SCp	13 31 25.7
KURBB	comp=Z,0.2nm,0.3s,baz=114,slow=1.1,SNR=1.1			LR	LR	13 11 38.2 +0.4
KNRA	Kunumurra	44.03	181	P	P	13 11 40.3 -0.2
COEN	Coen	44.35	161	P	P	13 11 43.5
COEN	comp=Z,1.3nm,1.1s			IAMB	IAMB	13 33 50.5
AAK	Ala-Archa	46.04	303	LR	LR	13 11 57.8 -0.3
FITZ	Fitzroy Crossi	46.58	185	P	P	13 11 58.5 +0.4
FITZ	Fennant Creek	46.58	185	P	P	13 12 13.1 +0.2
WRAB	Warramunga Arr	48.50	174	P	P	13 12 12.8 -0.1
WRAB	comp=Z,7.5nm,0.7s,baz=353,slow=8.2,SNR=87			IAMB	IAMB	13 12 13.3
WRA	Warramunga Arr	48.50	174	P	P	13 12 11.2 -1.7
WB2	Warramunga Arr	48.50	174	P	P	13 12 13.1 +0.1
KK31	Karatay Array	48.95	304	P	P	13 12 16.9 +0.6
KKAR	Karatay Array	48.95	304	P	P	13 12 16.3 0.0
BVAR	Borovoye Array	49.25	317	P	P	13 12 18.4 0.0
BVAR	comp=Z,1.9nm,0.3s,baz=95,slow=10.0,SNR=8.5			PcP	PcP	13 13 40.1 -0.4
BVAR	comp=Z,2.2nm,0.5s,baz=101,slow=3.0,SNR=4.6			SCp	SCp	13 17 29.7 -0.6
BORK	Borovoye	49.30	317	P	P	13 12 19.2 +0.4
BORK	comp=Z,4.0nm,0.5s			IAMB	IAMB	13 12 20.0
PALK	Pallekele	50.57	255	LR	LR	13 35 03.5
GAMB	Gambell	51.04	29	P	P	13 12 31.7 0.0
CTA	Charters Tower	51.06	160	P	P	13 12 32.8 +0.4
CTA	comp=Z,8.9nm,0.9s,baz=357,slow=8.4,SNR=7.3			LR	LR	13 33 04.2
CTA	comp=Z,1.6nm,18.9s,baz=52,slow=35			P	P	13 12 31.5 -0.9
CTAO	Charters Tower	51.06	160	P	P	13 12 40.9 +0.4
ASAR	Alice Springs	52.15	175	P	P	13 12 41.8 +0.6
UNV	Unalaksla Valle	52.29	42	P	P	13 12 46.8 +0.6
M11K	Mekoryuk	52.95	34	P	P	13 12 47.0 +0.4
TNA	Tin City	53.03	28	P	P	13 12 51.6 +0.4
F14K	Arctic Creek	53.67	28	P	P	13 12 53.1 +0.3
K13K	Kusilvak Mount	53.88	32	P	P	13 12 53.5 +0.5
ANNM	Anme	53.91	29	P	P	13 12 57.2 +0.9
M13K	Dall Lake	54.37	34	P	P	13 12 58.8
F15K	North Star Dit	54.40	28	P	P	13 12 57.0 +0.5
F15K	North Star Dit	54.40	28	P	P	13 12 57.7 +0.1
G15K	Niukluk	54.54	29	P	P	13 12 58.7
C16K	Lisburne Hills	54.59	24	IAMB	IAMB	13 12 58.7
C16K	Lisburne Hills	54.59	24	P	P	13 12 57.8 -0.1
L14K	Kuka Creek	54.76	33	IAMB	IAMB	13 13 01.2
L14K	Kuka Creek	54.76	33	P	P	13 12 59.9 +0.8
M14K	Bethel	55.07	34	P	P	13 13 01.3 -0.1
N14K	Kuskokwak Cree	55.17	35	P	P	13 13 02.4 +0.3
H16K	Elim	55.26	29	P	P	13 13 03.2 +0.5
G16K	Koyuk River	55.30	28	P	P	13 13 03.4 +0.4
D17K	Noatak River	55.33	25	P	P	13 13 03.7 +0.5
L15K	Ungalak Mounta	55.35	33	P	P	13 13 02.7 -0.7
O14K	Tiguykaiuvit M	55.36	36	P	P	13 13 03.0 -0.5
K15K	Wolf Creek Mou	55.37	32	P	P	13 13 03.7 +0.1
C17K	Del'Long Mountai	55.42	24	P	P	13 13 04.0 +0.1
RDOG	Red Dog Mine	55.45	25	P	P	13 13 06.1 +0.2
M15K	Kasigluk River	55.70	34	P	P	13 13 06.2 +0.1
E17K	Hotham Inlet	55.72	26	P	P	13 13 06.2 +0.1
SDPT	Sand Point	55.80	40	P	P	13 13 06.6 -0.1
AB31	AKbulak array	55.83	312	P	P	13 13 06.8 -0.2
ABKAR	AKbulak array	55.83	312	P	P	13 13 06.8 -0.3
ABKAR	comp=Z,1.9nm,1.3s			PcP	PcP	13 14 06.3 +1.0
J16K	Anvik River	55.87	31	IAMB	IAMB	13 13 10.4
J16K	Anvik River	55.87	31	P	P	13 13 07.4 +0.3
I17K	Unalakleet	55.87	30	P	P	13 13 07.3 +0.2
F17K	Baldwin Pennin	55.87	27	IAMB	IAMB	13 13 08.8
F17K	Baldwin Pennin	55.87	27	P	P	13 13 07.6 +0.5
N15K	Kwethluk River	55.98	35	IAMB	IAMB	13 13 09.6
N15K	Kwethluk River	55.98	35	P	P	13 13 08.5 +0.6
G17K	Kiwalik Mounta	56.02	28	P	P	13 13 08.6 +0.4
O15K	Ungalikthiuk R	56.10	36	P	P	13 13 09.1 +0.2
C18K	Utukok River	56.17	24	IAMB	IAMB	13 13 10.1
C18K	Utukok River	56.17	24	P	P	13 13 09.0 -0.3
E18K	Tukpahleark C	56.23	26	P	P	13 13 09.9 +0.2

H17K	Granite Mounta	56.28	29	P	P	13 13 10.6 +0.5
S14K	Fog Glacier	56.29	39	P	P	13 13 10.0 -0.4
L16K	Owhat River	56.31	33	P	P	13 13 10.6 +0.3
CHNA	Chernabura Isl	56.33	41	P	P	13 13 10.7 +0.2
A19K	Selawit	56.44	23	P	P	13 13 10.6 -0.4
F18K	Selawik	56.52	27	P	P	13 13 12.2 +0.5
M16K	Timber Creek	56.55	34	P	P	13 13 12.3 +0.2
J17K	VABM Dome	56.56	31	P	P	13 13 13.0 +0.1
J17K	VABM Dome	56.56	31	IAMB	IAMB	13 13 13.9
J17K	VABM Dome	56.56	31	P	P	13 13 12.6 +0.5
N16K	Nishlik Lake	56.64	34	P	P	13 13 12.9 +0.2
C19K	Lookout Ridge	56.80	24	IAMB	IAMB	13 13 15.2
C19K	Lookout Ridge	56.80	24	P	P	13 13 13.8 +0.1
G18K	Tagagawik	56.87	28	IAMB	IAMB	13 13 15.6
G18K	Tagagawik	56.87	28	P	P	13 13 14.7 +0.4
L17K	Donlin	56.88	32	P	P	13 13 14.7 +0.4
K17K	Iditarod	56.89	32	IAMB	IAMB	13 13 16.4
K17K	Iditarod	56.89	32	P	P	13 13 14.7 +0.3
CHGN	Chignik	56.92	39	P	P	13 13 14.8 +0.1
H18K	Honhosa River	56.95	29	IAMB	IAMB	13 13 16.2
H18K	Honhosa River	56.95	29	P	P	13 13 15.2 +0.4
AKTO	Aktubinsk	56.95	314	LR	LR	13 39 09.7
O16K	Kokwok River B	56.98	35	IAMB	IAMB	13 13 16.6
O16K	Kokwok River B	56.98	35	P	P	13 13 15.2 +0.1
P16K	Nushagak River	57.05	36	P	P	13 13 15.8 +0.2
D19K	Kuna River	57.28	25	IAMB	IAMB	13 13 18.5
D19K	Kuna River	57.28	25	P	P	13 13 17.2 +0.1
F19K	Shaleruckik Mo	57.29	27	P	P	13 13 17.0 -0.1
M17K	Hollina River	57.29	33	IAMB	IAMB	13 13 19.4
M17K	Hollina River	57.29	33	P	P	13 13 16.9 -0.3
N17K	Nushagak Hills	57.42	34	P	P	13 13 18.2 +0.1
N17K	Nushagak Hills	57.42	34	IAMB	IAMB	13 13 20.3
N17K	Nushagak Hills	57.42	34	P	P	13 13 18.5 +0.3
O17K	Kuliganek Bris	57.48	35	P	P	13 13 18.6 0.0
G19K	Purcell Mounta	57.52	28	IAMB	IAMB	13 13 20.0
G19K	Purcell Mounta	57.52	28	P	P	13 13 18.7 -0.2
E19K	Redstone River	57.53	26	IAMB	IAMB	13 13 20.3
GCSA	Galena City Sc	57.57	29	P	P	13 13 17.8 -0.4
L18K	Granite Mounta	57.64	32	P	P	13 13 19.9 +0.2
B20K	Meadre River	57.74	23	P	P	13 13 20.2 -0.1
H19K	Roundabout Mou	57.77	28	P	P	13 13 20.9 +0.4
D20K	Etiyuk River	57.84	24	IAMB	IAMB	13 13 22.9
D20K	Etiyuk River	57.84	24	P	P	13 13 21.0 -0.1
P17K	Kvichak River	57.84	36	P	P	13 13 21.2 +0.1
E20K	Nigu River	57.97	25	P	P	13 13 21.7 -0.3
A21K	Barrow	58.04	21	P	P	13 13 22.8 +0.5
N18K	Kila Creek	58.06	34	P	P	13 13 22.7 0.0
M18K	Stony River	58.06	33	P	P	13 13 23.1 +0.4
F20K	Avartat Lake	58.10	26	P	P	13 13 23.4 +0.6
J19K	Poorman	58.11	30	IAMB	IAMB	13 13 24.5
J19K	Poorman	58.11	30	P	P	13 13 23.2 +0.2
Q17K	Contact Creek	58.18	37	P	P	13 13 23.3 -0.4
H20K	Anotleneega Mo	58.42	28	P	P	13 13 25.1 0.0
O18K	Koktuh Hills	58.43	35	P	P	13 13 25.5 +0.2
O18K	Koktuh Hills	58.43	35	P	P	13 13 25.8 +0.5
P18K	Big Mountain,	58.45	36	P	P	13 13 25.6 +0.1
ACHA	Angle Creek He	58.48	37	IAMB	IAMB	13 13 25.7
L19K	White Mountain	58.50	32	IAMB	IAMB	13 13 27.6
L19K	White Mountain	58.50	32	P	P	13 13 26.1 +0.4
CHIR	Chirikof Islan	58.52	40	P	P	13 13 25.8 -0.1
C21K	Knifedale Rid	58.52	24	P	P	13 13 25.7 0.0
A22K	Sinclair Lake	58.55	22	P	P	13 13 26.5 +0.6
I20K	Naaghedeneel	58.60	29	P	P	13 13 27.3 +1.0
B21K	Ikpikpak River	58.60	23	IAMB	IAMB	13 13 27.8
B21K	Ikpikpak River	58.60	23	P	P	13 13 26.5 +0.2
Q18K	Katmai Hardscr	58.62	36	P	P	13 13 25.6 -1.1
N19K	Bonanza Creek	58.74	34	P	P	13 13 27.6 +0.1
J20K	Nowitza River	58.75	30	IAMB	IAMB	13 13 29.4
J20K	Nowitza River	58.75	30	P	P	13 13 27.8 +0.4
E21K	Kiili River	58.80	25	P	P	13 13 28.0 +0.2
K20K	Telida	58.81	31	IAMB	IAMB	13 13 30.0
K20K	Telida	58.81	31	P	P	13 13 28.4 +0.5
O19K	Port Alsworth	58.86	35	P	P	13 13 28.6 +0.4
L20K	Farewell, AK	58.94	32	P	P	13 13 29.3 +0.5
G21K	Allakaket	58.98	27	IAMB	IAMB	13 13 30.6
G21K	Allakaket	58.98	27	P	P	13 13 29.2 +0.2
F21K	Alatna River	58.98	26	P	P	13 13 29.3 +0.3
B22K	Teshhepkuk Lake	59.04	23	IAMB	IAMB	13 13 30.4
B22K	Teshhepkuk Lake	59.04	23	P	P	13 13 29.5 +0.2
SII	Sitkinak Islan	59.24	39	P	P	13 13 31.2 +0.2
H21K	Melozitna Rive	59.28	28	IAMB	IAMB	13 13 33.5
H21K	Melozitna Rive	59.28	28	P	P	13 13 31.1 0.0
M20K	Styx River	59.32	33	P	P	13 13 31.9 +0.4
F22K	John River	59.48	26	P	P	13 13 33.2 +0.7
CHUM	Lake Minchumin	59.57	30	P	P	13 13 33.0 -0.1
E22K	Anaktuvuk Pass	59.60	25	P	P	13 13 33.8 +0.4

I21K	Tanana	59.65	29	IAMB	IAMB	13 13 35.7
I21K	Tanana	59.65	29	P	P	13 13 34.3 +0.7
OHAK	Old Harbor	59.66	38	P	P	13 13 33.7 -0.1
OHAK	Old Harbor	59.66	38	P	P	13 13 34

G26K	Porcupine River	62.78	26	I	Amb	I	Amb	13 14 00.6
G26K	Porcupine River	62.78	26	P	P	P	P	13 13 55.5 +0.8
RIDG	Independent Ri	62.88	30	P	P	P	P	13 13 55.6 +0.1
HARP	HAARP	62.98	31	P	P	P	P	13 13 56.2 +0.1
EYAK	Cordova Ski Ar	63.03	34	P	P	P	P	13 13 56.4 -0.1
SCRK	Sand Creek	63.21	30	I	Amb	I	Amb	13 13 58.5
SCRK	Sand Creek	63.21	30	P	P	P	P	13 13 57.3 -0.5
DOT	Dot Lake	63.24	30	I	Amb	I	Amb	13 13 58.5
I26K	Coal Creek Min	63.32	28	P	P	P	P	13 13 58.4 0.0
N25K	Chitina, Valde	63.38	32	P	P	P	P	13 13 58.6 -0.4
E27K	Coleen River	63.40	25	I	Amb	I	Amb	13 14 00.8
E27K	Coleen River	63.40	25	P	P	P	P	13 13 59.2 +0.4
D27M	Malcolm River	63.43	23	I	Amb	I	Amb	13 14 04.6
D27M	Malcolm River	63.43	23	P	P	P	P	13 13 59.5 +0.3
BMRM	Bremner River	63.51	33	I	Amb	I	Amb	13 14 00.9
BMRM	Bremner River	63.51	33	P	P	P	P	13 13 59.9 +1.1
MENT	Mentasta	63.53	31	I	Amb	I	Amb	13 14 01.4
G27K	Doyon Strip	63.63	26	P	P	P	P	13 14 01.3 +0.8
L26K	Log Cabin Wild	63.67	31	P	P	P	P	13 14 01.2 +0.4
H27K	Steamboat Moun	63.80	27	P	P	P	P	13 14 01.8 +0.2
KAIM	Kayak Island	63.81	34	P	P	P	P	13 14 02.2 +0.5
I27K	Kandik River	63.89	28	P	P	P	P	13 14 02.9 +0.7
I27K	Kandik River	63.89	28	P	P	P	P	13 14 03.1 +0.9
M26K	Nabesna, AK	63.96	31	I	Amb	I	Amb	13 14 04.1
M26K	Nabesna, AK	63.96	31	P	P	P	P	13 14 02.3 -0.4
K27K	Chicken	64.03	29	I	Amb	I	Amb	13 14 04.7
E28M	Babbage River	64.06	24	P	P	P	P	13 14 03.4 +0.2
F28M	Old Crow	64.15	25	I	Amb	I	Amb	13 14 06.4
F28M	Old Crow	64.15	25	P	P	P	P	13 14 04.3 +0.5
MCARA	McCarthy VSAT	64.17	32	P	P	P	P	13 14 04.4 +0.4
CRQE	Cirque	64.27	33	P	P	P	P	13 14 04.8 -0.1
BCAR	Beaver Creek A	64.36	30	P	P	P	P	13 14 05.8 +0.5
M27K	Edge Creek, AK	64.48	31	P	P	P	P	13 14 05.6 +0.4
I28M	Miner Creek	64.61	28	I	Amb	I	Amb	13 14 09.0
I28M	Miner Creek	64.61	28	P	P	P	P	13 14 07.7 +0.8
E29M	Blow River	64.70	24	P	P	P	P	13 14 08.0 +0.6
BVCY	Beaver Creek	64.93	31	P	P	P	P	13 14 09.0 0.0
G29M	Pine Creek	65.01	26	I	Amb	I	Amb	13 14 11.4
G29M	Pine Creek	65.01	26	P	P	P	P	13 14 09.6 +0.1
H29M	Whitestone	65.05	27	P	P	P	P	13 14 10.6 +0.9
DAWY	Dawson	65.17	29	P	P	P	P	13 14 11.1 +0.6
YUK3	Moose Creek	65.27	32	P	P	P	P	13 14 11.4 0.0
I29M	Ogilvie Camp,	65.29	27	P	P	P	P	13 14 11.7 +0.5
O28M	Mount Upton	65.65	33	P	P	P	P	13 14 13.6 -0.4
EPYK	Eagle Plains	65.66	26	I	Amb	I	Amb	13 14 14.9
EPYK	Eagle Plains	65.66	26	P	P	P	P	13 14 13.6 -0.1
F30M	Barrier River	65.67	25	I	Amb	I	Amb	13 14 15.8
F30M	Barrier River	65.67	25	P	P	P	P	13 14 14.3 +0.7
G30M	tAoh Zrail Nji	65.68	25	I	Amb	I	Amb	13 14 15.4
G30M	tAoh Zrail Nji	65.68	25	P	P	P	P	13 14 14.0 +0.2
PINM	Pinnacle	65.80	33	P	P	P	P	13 14 15.2 +0.5
L29M	L29M	65.96	30	I	Amb	I	Amb	13 14 18.0
L29M	L29M	65.96	30	P	P	P	P	13 14 16.1 +0.5
M29M	Somme Creek	66.00	31	P	P	P	P	13 14 16.4 +0.4
K29M	Barlow Dome	66.02	29	P	P	P	P	13 14 16.2 0.0
BRWY	Burwash Landin	66.03	32	P	P	P	P	13 14 16.0 -0.1
I30M	Mount Dempster	66.11	27	P	P	P	P	13 14 16.3 -0.4
YUK4	Talbot Ar	66.22	32	P	P	P	P	13 14 17.8 +0.3
INK	Inuvik	66.28	24	I	Amb	I	Amb	13 14 18.6
INK	Inuvik	66.28	24	P	P	P	P	13 14 17.5 0.0
J30M	Hart River	66.31	28	P	P	P	P	13 14 17.6 -0.4
G31M	Satah River	66.43	25	P	P	P	P	13 14 17.7 +0.2
YUK6	Outpost Mounta	66.47	32	P	P	P	P	13 14 19.0 -0.1
F31M	Tsiehtchic	66.47	25	P	P	P	P	13 14 18.8 +0.1
O29M	Mount Kennedy	66.55	33	P	P	P	P	13 14 19.2 -0.4
M30M	Minto, Yukon	66.70	30	P	P	P	P	13 14 20.5 +0.1
SPITS	Spitsbergen Ar	66.73	348	P	P	P	P	13 14 18.9 -1.4
H31M	Peel River	66.75	26	I	Amb	I	Amb	13 14 21.8
H31M	Peel River	66.75	26	P	P	P	P	13 14 20.7 0.0
HYT	Haines Junctio	66.90	32	P	P	P	P	13 14 21.7 -0.2
N30M	Aishikik Lake	66.90	31	P	P	P	P	13 14 21.8 +0.1
P29M	Windy Craggy	67.15	33	P	P	P	P	13 14 23.2 0.0
P30M	Million Dollar	67.37	33	P	P	P	P	13 14 24.9 +0.2
N31M	Braeburn, Yuko	67.49	31	I	Amb	I	Amb	13 14 27.4
N31M	Braeburn, Yuko	67.49	31	P	P	P	P	13 14 25.4 0.0
O30M	Mendenhall	67.58	32	P	P	P	P	13 14 26.2 +0.2
A36M	Sachs Harbour	67.64	19	P	P	P	P	13 14 26.0 0.0
PLBC	Pleasant Camp	67.87	33	P	P	P	P	13 14 27.8 0.0
M31M	Drury Creek, Y	67.88	30	P	P	P	P	13 14 28.1 +0.2
WHY	Whitehorse	68.18	32	I	Amb	I	Amb	13 14 31.6
WHY	Whitehorse	68.18	32	P	P	P	P	13 14 30.0 +0.2
ARCYS	ARCYS Array B	68.19	338	LR	LR	LR	LR	13 49 12.1
GNI	Garni	68.40	305	LR	LR	LR	LR	13 48 25.0
KBZ	KBZ	68.40	309	P	P	P	P	13 14 32.7 +0.8

KBZ	KBZ	68.40	309	LR	LR	LR	LR	13 47 08.4
N32M	Quiet Lake	68.83	31	P	P	P	P	13 14 34.1 +0.3
C36M	Paulatuk	69.09	21	P	P	P	P	13 14 35.4 +0.2
P32M	Atlin	69.09	33	P	P	P	P	13 14 36.1 +0.6
MMPY	Sheldon Lake,	69.10	29	P	P	P	P	13 14 35.9 +0.4
SIT	Sitka	69.29	32	P	P	P	P	13 14 36.7 +0.7
P33M	Tees, Yukon	69.29	32	P	P	P	P	13 14 37.1 +0.4
S32K	Killisnoo	69.43	35	P	P	P	P	13 14 37.7 +0.2
Q32M	Nakina River	70.02	33	P	P	P	P	13 14 41.5 +0.2
R33M	Jennings River	70.47	32	P	P	P	P	13 14 44.4 +0.4
U33K	Whale Pass	70.68	36	P	P	P	P	13 14 45.3 +0.2
CRAG	Craig	70.92	37	P	P	P	P	13 14 47.2 +0.5
FINES	FINES Array B	71.33	330	P	P	P	P	13 14 47.8 -1.2
FINES	FINES Array B	71.33	330	LR	LR	LR	LR	13 48 03.3
FINES	FINES Array B	71.33	330	P	P	P	P	13 14 47.5 -1.5
T35M	Bob Quinn	71.79	35	P	P	P	P	13 14 52.8 +0.9
RES	Resolute Bay	73.02	11	P	P	P	P	13 14 59.0 +0.1
AKASO	Malin Array Be	74.43	319	P	P	P	P	13 15 06.2 -1.3
AKASO	Yellowknife Ar	75.92	25	P	P	P	P	13 15 45.0
YKAW1	Yellowknife Wh	75.98	25	P	P	P	P	13 15 16.3 +0.6
YKAW1	Yellowknife Wh	75.98	25	P	P	P	P	13 15 15.9 0.0
BRTR	Keeskin Array B	76.43	308	P	P	P	P	13 15 18.7 -0.7
BRTR	Keeskin Array B	76.43	308	LR	LR	LR	LR	13 53 38.9
BRTR	Keeskin Array B	76.43	308	P	P	P	P	13 15 19.2 -0.2
HFS	Hagfors	77.22	332	P	P	P	P	13 15 22.2 -1.1
POIN	Pond Inlet	77.23	8	P	P	P	P	13 15 23.1 0.0
NOA	NORSTAR Array B	77.66	334	P	P	P	P	13 15 24.9 -0.9
NOA	NORSTAR Array B	77.66	334	LR	LR	LR	LR	13 54 32.4
MLR	Muntele Ross	78.80	316	LR	LR	LR	LR	13 54 23.7
ILON	Igloolik, Nuna	79.68	11	I	Amb	I	Amb	13 16 18.8
VRAC	Vrac	82.14	322	LR	LR	LR	LR	13 56 06.2
CRLL	Colim	82.81	325	P	P	P	P	13 15 53.8 +0.2
GERES	GERES Array B	83.95	323	P	P	P	P	13 15 59.5 -0.2
GERES	GERES Array B	83.95	323	LR	LR	LR	LR	13 57 22.4
SFJD	Kangerlussuaq	84.69	0	LR	LR	LR	LR	13 53 51.9
FCC	Fort Churchill	85.74	21	I	Amb	I	Amb	13 16 09.0
BEKR	Beckworth	85.96	46	P	P	P	P	13 16 10.5 +0.5
FFC	Fin Flon	85.99	27	I	Amb	I	Amb	13 16 10.4
PNTR	Pine Nut	86.88	47	I	Amb	I	Amb	13 16 16.6
EKA	Eskdalemuir Ar	87.08	335	P	P	P	P	13 16 14.8 -0.2
EKA	Eskdalemuir Ar	87.08	335	LR	LR	LR	LR	13 57 46.4
EGMT	Eagleton	87.09	35	I	Amb	I	Amb	13 16 52.1
DAVOX	Davos/Dischmat	87.25	323	LR	LR	LR	LR	13 59 39.8
NVAR	Mina Array Bea	88.09	47	P	P	P	P	13 16 21.6 +1.1
YHB	Horse Butte	88.45	38	I	Amb	I	Amb	13 16 26.7
PDAR	Pinedale Array	90.64	39	P	P	P	P	13 16 32.3 0.0
ULM	Lac du Bonnet	91.81	27	P	P	P	P	13 16 37.0 -0.3
KNB	Kanab	92.41	45	P	P	P	P	13 16 42.1 +1.6
W13A	Hualapai Mount	92.42	47	P	P	P	P	13 16 44.5 +1.5
W13A	Hualapai Mount	92.42	47	I	Amb	I	Amb	13 16 45.1
MOS 12 13:03:37.5-0.9,28°10'N,104°92'E,h11km,mb4.8/31,Error ellipse: s-maj=8.8km s-min=5.1km az=119.1								
BUJ 12 13:03:38.6,28°18'N,104°73'E,h8km,mb4.6/9,mb4.5/36,ML4.4/23,Ms4.0/28,Ms7.3/8/30								
NEIC 12 13:03:40.1-0.7,28°21'N,104°84'E,h10km,1km,mb4.7/61,Error ellipse: s-maj=15.3km s-min=8.8km az=175.0								
IDC 12 13:03:41.2,31.2,28°17'N,104°85'E,h2km,19km,mb4.3/24,mbmp4.4/26,ML4.2,MS3.3/4,Error ellipse: s-maj=17.7km s-min=11.0km az=48.0								
ISC 12 13:03:39.7-0.5,28°17'N,103°104'83E,0°03,h11km,2km,mb4.7/11,MS3.1/6,10C-7D,Sichuan								
Code	Station Name	Δ° AZ°	Op	Phase ID	Time Res	ISC	h m s	ISC
GYA	Guiyang	2.86 136	Ph	Pb	13 04 20.6	-1.8	13 04 20.6	-1.8
CD2	Chengdu	2.39 341	Ph	Pb	13 04 26.9	+1.1	13 04 26.9	+1.1
CD2			Sg	Sg	13 05 02.1	+1.6	13 05 02.1	+1.6
CD2			Sg	Sg	13 05 11.0	-1.5	13 05 11.0	-1.5
CD2	comp=N,5µm,0.7s		smax	smax				
PZH	PanZhiHua	3.20 240	Ph	Pn	13 04 28.2	-2.0	13 04 28.2	-2.0
PZH			Sg	Pb	13 04 34.7	-2.0	13 04 34.7	-2.0
PZH			Sg	Sg	13 05 15.8	-0.1	13 05 15.8	-0.1
PZH	comp=N,270nm,0.8s		smax	smax				
PZH	comp=E,200nm,1.3s		LR	LR				
PZH	comp=N,580nm,4.0s		LR	LR				
PZH	comp=E,920nm,3.1s		LR	LR				
PZH	comp=N,470nm,5.9s		LR	LR				
KMI2	Kunming	3.53 212	Pg	Pb	13 04 38.8	-3.6	13 04 38.8	-3.6
KMI2			Sg	Sb	13 05 22.2	-3.3	13 05 22.2	-3.3
KMI2	comp=N,110nm,0.9s		smax	smax				
KMI2	comp=E,110nm,1.3s		LR	LR				
KMI2	comp=N,1µm,7.2s		LR	LR				
ENH	Enshi	4.58 62		Pn	13 04 48.4	-0.7	13 04 48.4	-0.7
GULI	Guilin	5.72 119	Pn	Pn</				

12d 13h

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Table with columns: Station, Frequency, Power, and other technical details. Includes stations like Bilaspur, Karatay Array, Warrungarra, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like Karatay Array, Karatay Array, Karatay Array, etc.

Table with columns: Station, Frequency, Power, and other technical details. Includes stations like Malin Array Si, Malin Array Si, Malin Array Si, etc.

12d 15h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ARCA ARCESS Array S, ARAO ARCESS Array S.

IDC 12 15:14:53.72.2.8, 18:99N, 68:56W, h0km, mb3.6/4, mbtmp3.7/5, ML4.0/1, MS2.5/3, Error ellipse: s-maj=72.8km s-min=21.1km az=23.0

NEIC 12 15:14:58.41.1.6, 18:07N, 68:64W, h17km, 7km, mb3.7/1, ML4.0/4, Md3.9/1(RSPR), Error ellipse: s-maj=10.8km s-min=2.3km az=17.8

RSRP 12 15:15:00.2, 18:09N, 68:60W, h58km, 3km, MD3.9/1.1 SDD 12 15:15:00.3, 18:06N, 68:60W, h17km, 10km, MD3.8, ML3.8, MW3.8, Presumed earthquake

OSPL 12 15:15:01.0, 18:12N, 68:55W, h68km, 17km, ML4.0, Presumed earthquake

ISC 12 15:14:58.5, 0.8, 18:15N, 68:58W, h73km, 6km, n93, r151/139, mb3.7/4, 44C-5D, Mona Passage

Main table of station data for the first section, including station names like Punta Cana, DR, Higüey Centro, Santo Domingo, etc.

Main table of station data for the second section, including station names like Esperanza - Ma, Cabrera, Alto Bandera, Experimental S, etc.

Main table of station data for the third section, including station names like KST KasteK, DGS Degeres, MAKZ Makanchi, etc.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KTBS, KST KasteK, DGS Degeres, etc.

IDC 12 15:32:26.3, 4.0, 6:23S, 103:82E, h0km, mb3.4/7, mbtmp3.4/7, Error ellipse: s-maj=172.4km s-min=22.9km az=53.0

ISC 12 15:32:31.0, 3.8, 6:35S, 103:70E, 0.9, h35km, n7, r099/47, mb3.4/7, Southwest of Sumatra

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CMAR Chiang Mai Arr, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 12 15:38:29.0, 2.4, 19:07S, 177:76W, h487km, 23km, mb3.0/5, mbtmp3.9/7, Error ellipse: s-maj=32.6km s-min=20.4km az=106.0

ISC 12 15:38:29.6, 1.2, 19:1S, 0:2, 177:8W, 0.2, h500km, n10, r097/10, mb3.3/5, Fiji Islands region

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

SJA 12 15:41:01.7, 0.9, 22:31S, 68:62W, h117km, 6km, ML3.5, MW3.7

GUC 12 15:41:02.8, 0.9, 22:29S, 68:62W, h114km, 4km, ML3.5

ISC 12 15:41:02.7, 1.7, 22:32S, 104:04, 68:63W, 0.06, h115km, 11km, n24, r055/43, 8C, Northern Chile

Main table of station data for the fourth section, including station names like AF01 San Pedro de A, PB09 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res, ISC. Includes stations like KARAR Karatay Array, TIKSI Tiksi, SHYEMA Shyema, BOROVY Borovoye Array, ALICE Alice Springs, etc.

NEIC 12 17:15:40.2±1.2, 87.09N, 06.43E, h10km, 1km, mb4.3/87, Error ellipse: s-maj=14.6km s-min=10.6km az=89.0
IDC 12 17:15:42.3±0.7, 86.89N, 52.34E, h0km, mb3.8/17, mbmp3.8/21, ML3.7/4, MS3.5/46, Error ellipse: s-maj=17.2km s-min=13.9km az=109.0
FCIAR 12 17:15:48.0, 86.58N, 47.37E, h10km, station ZF12 has station magnitude of 3.30 station OMEGA has station magnitude of 3.40
ISC 12 17:15:40.3±0.3, 87.13N, 05.44E, h10km, n400, r1518/361, mb4.3/57, MS3.5/44, North of Franz Josef Land

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res, ISC. Includes stations like ZF12 Zemlya Franca, ZF21 Omega, ZF22 Omega, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res, ISC. Includes stations like C24K Franklin Bluff, B21K Ikipuk River, B21K Ikipuk River, C27K Jago River, etc.

Table with columns: Code, Station Name, Az, El, AzE, Phase ID, Time, Res, ISC. Includes stations like G31M Satah River, G31M Satah River, G29M Pine Creek, etc.

Table with columns: TRF, Station Name, Time, Azimuth, Elevation, P, M, L, R, and other parameters. Includes stations like Thorofare Moun, Castle Rocks, Telida, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, P, M, L, R, and other parameters. Includes stations like Montague Islan, Koktuh Hills, Koliganek Bris, etc.

Table with columns: Station Name, Time, Azimuth, Elevation, P, M, L, R, and other parameters. Includes stations like Mudanjiang, Sadova, Garki, etc.

IDC 12 17:16:42.84-4.0, 4.7:36N-92:82W, h0km, mbtmp2.5/1, MLO.7/1, Error ellipse: s-maj=83.0km s-min=27.6km az=56.0

NEIC 12 17:16:43.5-1.3, 4.7:49N:0.03:92:63W:0.05, h0km, 2km, ML3.1/20, Error ellipse: s-maj=6.8km s-min=3.1km az=306.0

ISC 12 17:16:42.1-1.0, 4.7:44N:0.04:92:65W:0.04, h0km, n24, c0812/25, Minnesota

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, and other parameters. Includes stations like EYMN, EYNN, E38A, etc.

SNET 12 17:17:01.9-1.0, 13:10N:89:76W, h25km, ML3.6, Presumed earthquake
CATAC 12 17:17:02.0-0.5, 13:13.3x9:0W, h25km, 3km, M3.7/25, MLV3.7/25, Error ellipse: s-maj=6.9km s-min=3.9km az=24.5, confirmed
GCG 12 17:17:03.4-1.0, 13:22N:89:85W, h31km, 7km, MD4.0, Presumed earthquake
ISC 12 17:17:03.8-1.7, 13:15N:0.08:89:70W:0.04, h30km, 12km, n41, c0855/57, El Salvador

12d 19h

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

NEIC 12 17:59:04.9, 1.3, 17:77S, 0109:178:5W, 0.1, h540km, 7km, mb4.0/33, Error ellipse: s-maj=20.3km s-min=12.8km az=91.0

IDC 12 17:59:07.3, 1.8, 17:83S, 178:64W, h560km, 19km, mb3.1/11, mbtmp4.0/13, Error ellipse: s-maj=23.6km s-min=17.2km az=123.0

ISC 12 17:59:05.9, 0.6, 17.8S, 01x178:7W, 0.1, h550km, n63, e1508/66, mb3.9/24, Fiji Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSFV Nonsavu, MSFV Nonsavu, MARNC Mare, Loyalty, etc.

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

TAP 12 18:05:22.2, 24.36N, 121.79E, h13km, ML1.6, 1C, C, Taiwan

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

JMA 12 18:05:52.6, 0.2, 24.3N, 0.8, 123.3E, 0.3, h23km, MV11/7, NW OFF ISHIGAKIJIMA IS, Southwestern Ryukyus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YOJ Yonaguni jima, YOJ Yonaguni jima, YJNG Yonagunijima, etc.

WEL 12 18:06:26.4, 1.1, 32.5S, 25:179E, 4.5, h402km, 44km, mb4.1/4, mb4.0/4, 1.4, 2.6, MLV4/2, Mw(mb)3.0/4, Error ellipse: s-maj=64.2km s-min=18.7km az=116.1, confirmed, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WMGZ Waiomatatini S, WMGZ Waiomatatini S, HAZ Te Kaha, etc.

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

SJA 12 18:12:58.4, 0.6, 19:52S, 69:85W, h77km, 2km, ML3.4, WWV3.5

GUC 12 18:13:00.4, 0.8, 19:50S, 69:78W, h73km, 3km, ML3.4, IUC 12 18:13:01.3, 1.3, 19:55S, 0:03, 69:88W, 0.06, h61km, 9km, n26, e130/46, 3C-5D, Northern Chile

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

IDC 12 18:26:50.0, 2.8, 0.24N, 123:67E, h153km, 29km, mb3.0/4, mbtmp3.5/7, Error ellipse: s-maj=24.2km s-min=18.5km az=63.0

DJA 12 18:26:51.1, 0.2, 0.2N, 2:12E, h111km, 4km, M157/31, mb3.8/8, MLV4.0/31

ISC 12 18:26:50.6, 0.9, 0.00N, 0:07, 123:65E, 0.07, h157km, n17, e292/20, mb3.3/4, Minahasa Peninsula, Sulawesi

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

NEIC 12 19:09:20.7, 2.1, 16:47S, 0:06, 173:79W, 0.06, h171km, 5km, mb4.9/348, Error ellipse: s-maj=10.0km s-min=7.7km

az=45.0
 IDC 12 19:09:22.0.2.2, 16:29S; 173.96W, h74km, 19km, mb4.5/17, mbmp4.8/20, MS3.5/33. Error ellipse: s-maj=1.7, km
 s-min=12.2km az=133.0
 BUJ 12 19:09:22.4, 16:59S; 173.60W, h106km, mB5.1/3, mb4.9/14
 NOU 12 19:09:25.9, 16:49S; 173.66W, h129km, mb4.9/48, Tonga Islands
 GCMT 12 19:09:28.7.0.2, 16:33S; 0.02; 173.65W; 0.01, h13km, 2km, MW5.1/22, Moment Tensor Solution.
 s50, c59; s122, c181; Duration: 0 Moment tensor: Scale 1016Nyr; Mw=1.39; Mw=3.49; 13; Mw=2.2; Mw=2.2; Mw=1.95; 09; Mw=1.38; 14; Mw=2.94; 08. Best double couple: M4.86600; -1.01e-11; NP1.0; 117.00000; 81.00000; 165.00000; NP2.0; 219.00000; 88.00000; 150.00000; Principal axes: T: 4.7320, Plg41.0000; Azm92.0000; N: 0.2670, Plg39.0000; Azm227.0000; P: -5.0000, Plg25.0000; Azm339.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.
 Triangular moment-rate function

ISC 12 19:09:24.4.0.6, 16:44S; 0.04; 173.72W; 0.04, h107km, 5km, h107km; p-P, n792, c1558/668, mb4.8/188,

Code	Station Name	Lat	Lon	Phase	ID	Time	Res
AFI	Afiatama	3.13	37.1	Op	ISC	h	m
AFI	Afiatama	3.13	37.1	Op	ISC	19 10 10.0	-2.2
AUE	Niue	10.0m	0.6s	baz=54, slow=23, SNR=28	S	19 10 41.2	-7.8
NIEU	Niue	4.47	127.7	P	Pn	19 10 30.1	+0.1
NIEU	Niue	4.47	127.7	P	Pn	19 10 29.8	-0.2
NIEU	Niue	4.47	127.7	P	Pn	19 11 15.6	-5.4
NIEU	Niue	4.47	127.7	P	Pn	19 10 28.9	-1.1
FUTU	Fugatoga	4.74	296.9	P	Pn	19 10 36.5	+2.8
FUTU	Fugatoga	4.74	296.9	P	Pn	19 10 36.0	+2.3
MSVF	Nonsavu	7.97	259.9	P	Pn	19 11 20.9	+3.3
MSVF	Nonsavu	7.97	259.9	P	Pn	19 13 37.4	
MSVF	Nonsavu	7.97	259.9	P	Pn	19 11 21.0	+3.3
FUNA	Funafuti	10.47	318.9	P	Pn	19 11 53.7	+2.3
FUNA	Funafuti	10.47	318.9	P	Pn	19 11 50.2	-1.3
RAOU	Raoul Island	10.6m	0.3s	baz=90, slow=20, SNR=11	S	19 14 40.5	-1.6
RAOU	Raoul Island	10.6m	0.3s	baz=90, slow=20, SNR=11	S	19 16 23.9	
GLKZ	Green Lake	13.04	196.9	P	Pn	19 12 21.8	-7.7
GLKZ	Green Lake	13.04	196.9	P	Pn	19 12 21.3	-1.5
RAR	Rarotonga	14.03	112.6	P	Pn	19 12 40.3	+1.8
RAR	Rarotonga	14.03	112.6	P	Pn	19 15 07.5	-5.7
RAR	Rarotonga	14.03	112.6	P	Pn	19 17 24.6	
RAR	Rarotonga	14.03	112.6	P	Pn	19 12 38.9	+0.4
RAR	Rarotonga	14.03	112.6	P	Pn	19 15 07.5	-5.7
MARE	Mare, Loyalty	17.97	251.9	P	P	19 13 26.8	+0.3
MARE	Mare, Loyalty	17.97	251.9	P	P	19 13 24.0	+2.6
SANVU	Saraoutou	18.37	270.9	P	P	19 13 25.9	-5.1
OUCNE	Ouen Island, N	19.27	249.9	P	P	19 13 37.9	-2.8
OUCNE	Ouen Island, N	19.27	249.9	P	P	19 13 46.5	
DZM	Mont Dzumac	19.54	250.9	P	P	19 13 43.8	0.0
NOUC	Port Laguerre	19.68	250.9	P	P	19 13 45.6	+0.4
KOUNC	Koumac, New Ca	21.25	256.9	P	P	19 14 00.5	-1.6
KOUNC	Koumac, New Ca	21.25	256.9	P	P	19 14 04.0	
OUCZ	Omahuta	21.88	209.9	P	P	19 14 07.8	-0.8
OUCZ	Omahuta	21.88	209.9	P	P	19 14 08.0	-0.6
GRZ	Great Barrier	21.96	204.9	P	P	19 14 09.9	+0.4
WCZ	Waipu Caves	22.14	206.9	P	P	19 14 11.7	+0.3
MXZ	Matakoao Point	22.19	197.9	P	P	19 14 11.0	+0.1
MXZ	Matakoao Point	22.19	197.9	P	P	19 14 10.9	-1.0
MXZ	Matakoao Point	22.19	197.9	P	P	19 14 13.4	+1.5
WMGZ	Waionamati S	22.40	197.9	P	P	19 14 14.2	+0.1
ABAZ	Army Bay	22.51	205.9	P	P	19 14 16.6	+1.4
HAZ	Te Kaha	22.52	198.9	P	P	19 14 15.6	+0.3
HAZ	Te Kaha	22.52	198.9	P	P	19 14 10.4	-4.7
PKGZ	Pakihiroa	23.54	197.9	P	P	19 14 15.5	0.0
PKGZ	Pakihiroa	23.54	197.9	P	P	19 18 12.1	-2.9
MBAZ	Motutapu North	22.63	204.9	P	P	19 14 17.4	+1.0
PUZ	Puketiti	22.68	197.9	P	P	19 14 17.0	0.0
PUZ	Puketiti	22.68	197.9	P	P	19 17.5	+0.1
RUGZ	Raukumara Rang	22.75	208.9	P	P	19 14 18.9	+1.2
ETAZ	East Tamaki Re	22.78	204.9	P	P	19 14 19.3	+1.4
MKAZ	Moumakai	22.82	203.9	P	P	19 14 19.9	+0.6
TWZ	Tauwharepara	22.86	197.9	P	P	19 14 20.5	+1.7
WTAZ	Waatarua	22.90	205.9	P	P	19 14 20.9	+1.8
AWAZ	Awhitu Peninsula	22.93	204.9	P	P	19 14 20.7	+0.7
PPT	Papeete	23.11	96.9	LR	LR	19 22 00.9	
PPT	Papeete	23.12	96.9	P	P	19 14 20.9	-0.6
MWZ	Matawai	23.13	198.9	P	P	19 14 21.0	-0.4
MWZ	Matawai	23.13	198.9	P	P	19 14 19.7	-4.6
TKGZ	Te Karaka	23.14	197.9	P	P	19 14 23.3	+2.0
URZ	Urewera	23.19	199.9	P	P	19 14 21.0	-0.8
URZ	Urewera	23.19	199.9	P	P	19 14 20.9	-0.8
TOZ	Tahuroa Road	23.25	202.9	P	P	19 14 20.5	-1.8
TOZ	Tahuroa Road	23.25	202.9	P	P	19 14 23.4	+1.1
RAGZ	Rawiri	23.32	198.9	P	P	19 14 23.0	+0.6
RIGZ	Rimuhau	23.41	197.9	P	P	19 14 25.0	+1.1
MUGZ	Murupara	23.49	199.9	P	P	19 14 25.3	+0.6
RTZ	Ruatuhana	23.56	198.9	P	P	19 14 22.7	-2.5
RTZ	Ruatuhana	23.56	198.9	P	P	19 14 42.8	
RTZ	Ruatuhana	23.56	198.9	P	P	19 14 26.4	+1.1
PRGZ	Paritua	23.58	197.9	P	P	19 14 27.6	+2.2
SNGZ	Shannon Statio	23.60	198.9	P	P	19 14 27.1	+1.4
TLZ	Tolley Road	23.77	201.9	P	P	19 14 28.1	+1.0
MHGZ	Mahia Peninsula	23.79	196.9	P	P	19 14 29.3	+2.0
RAZ	Rahi	23.82	198.9	P	P	19 14 30.7	+1.7
MTHZ	Maungataniwha	23.82	198.9	P	P	19 14 27.4	-0.2
NMHZ	Naumai	24.05	198.9	P	P	19 14 29.4	-0.3
RATZ	Rangitukia	24.17	200.9	P	P	19 14 29.8	-0.9
HIZ	Hauti	24.18	202.9	P	P	19 14 31.2	+0.5
HIZ	Hauti	24.18	202.9	P	P	19 14 32.0	-2.5
HIZ	Hauti	24.18	202.9	P	P	19 14 32.3	+1.6
BKZ	Black Stump Fm	24.21	199.9	P	P	19 14 30.2	-0.9
BKZ	Black Stump Fm	24.21	199.9	P	P	19 14 28.7	-2.4
BKZ	Black Stump Fm	24.21	199.9	P	P	19 14 30.4	-0.7
RTZ	Rihia Road	24.24	200.9	P	P	19 14 30.6	-1.7
XMAS	Kiritimati	24.40	43.9	P	P	19 14 33.8	+0.8
MCHZ	McNeill Hill	24.41	198.9	P	P	19 14 33.5	+0.7
NTVZ	North Tongarir	24.41	200.9	P	P	19 14 33.2	+0.1
TMVZ	Te Maari	24.42	200.9	P	P	19 14 32.4	-0.7
ETVZ	East Tongarir	24.43	200.9	P	P	19 14 32.7	-0.5
WTVZ	West Tongarir	24.46	200.9	P	P	19 14 32.0	-0.8
KWHZ	Kaweka Forest	24.47	199.9	P	P	19 14 32.9	+0.6
KWHZ	Kaweka Forest	24.47	199.9	P	P	19 18 15.6	+5.5
OTVZ	Oturere	24.47	200.9	P	P	19 14 32.4	-1.3
SNVZ	South Ngauruho	24.50	200.9	P	P	19 14 33.0	-1.0
NGZ	Ngauruhoe	24.51	200.9	P	P	19 14 33.3	-0.6
COVZ	Chateau Observ	24.51	200.9	P	P	19 14 33.1	-1.1
TUVZ	Tukino	24.57	200.9	P	P	19 14 33.3	-1.3
FWVZ	Far West T-bar	24.59	200.9	P	P	19 14 33.4	-1.4
WHVZ	Whangaehu Hut	24.61	200.9	P	P	19 14 33.4	-1.5
TRVZ	Turoa	24.64	200.9	P	P	19 14 33.8	-1.4
BHVZ	Black Hill Sta	24.64	199.9	P	P	19 14 33.4	-1.7
BHVZ	Black Hill Sta	24.64	199.9	P	P	19 14 32.8	-0.4
BHVZ	Black Hill Sta	24.64	199.9	P	P	19 14 33.5	-1.7
WNVZ	Wahianoa	24.64	200.9	P	P	19 14 33.5	-1.7
MOVZ	Moawhango	24.67	200.9	P	P	19 14 34.5	-0.8
KAHZ	Kahurangi	24.68	199.9	P	P	19 14 36.7	+1.4
KRHZ	Kereru	24.69	199.9	P	P	19 14 34.8	-0.6
VRZ	Vera Road	24.75	200.9	P	P	19 14 37.2	+1.5
PXZ	Pawamotu	24.80	198.9	P	P	19 14 37.2	+0.9
PNHZ	Penkenui	24.99	199.9	P	P	19 14 37.4	-0.8
PNHZ	Penkenui	24.99	199.9	P	P	19 18 59.9	+5.7
WPHZ	Waipukurau	25.05	198.9	P	P	19 14 40.0	+1.3
KHEZ	Kahui Hut	25.17	203.9	P	P	19 14 39.2	-0.7
PRHZ	Porangahau	25.18	200.9	P	P	19 14 42.0	+2.1
DNVZ	Dannville	25.35	198.9	P	P	19 14 40.7	-0.7
BFZ	Birch Farm	25.68	198.9	P	P	19 14 44.3	-0.1
BFZ	Birch Farm	25.68	198.9	P	P	19 14 42.1	-2.3
BFZ	Birch Farm	25.68	198.9	P	P	19 14 44.9	
BFZ	Birch Farm	25.68	198.9	P	P	19 14 43.8	-0.6

Code	Station Name	Lat	Lon	Phase	ID	Time	Res
BFZ	Mangatainoka R	25.86	199.9	S	ISC	h	m
BFZ	Mangatainoka R	25.86	199.9	S	ISC	19 19 12.3	+7.3
MRZ	Mangatainoka R	25.86	199.9	S	ISC	19 14 43.5	-2.6
MRZ	Mangatainoka R	25.86	199.9	S	ISC	19 14 43.9	
MRZ	Mangatainoka R	25.86	199.9	S	ISC	19 14 44.6	-1.5
HOWZ	Holdsword Sta	26.10	199.9	P	P	19 14 47.0	-1.1
OGWZ	Otagi Gorge	26.13	199.9	P	P	19 14 47.2	-1.3
TMWZ	Te Maipa	26.18	198.9	P	P	19 14 49.2	+0.3
KIWI	Kapiti Island	26.25	200.9	P	P	19 14 48.2	-1.4
DUWZ	D'Urville Isla	26.54	201.9	P	P	19 14 53.3	+1.1
HNR	Honiara	26.57	282.9	LR	LR	19 23 45.7	
MSWZ	Moikau Station	26.65	199.9	P	P	19 14 49.6	-3.6
SNZO	South Karori	26.73	200.9	P	P	19 14 52.7	-1.1
SNZO	South Karori	26.73	200.9	P	P	19 14 50.4	-3.4
TCWZ	Tony Channel	26.79	200.9	P	P	19 14 52.9	-1.5
PLWZ	Palliser	26.79	199.9	P	P	19 14 52.0	-0.8
QRZ	Quartz Range						

12d 19h

Table with columns: ID, Name, Elevation, SNR, Azimuth, Elevation, Azimuth, Date, Time. Includes entries like N17K Nushagak Hills, CNPM China Foot, O19K Port Alsworth, etc.

2020 JUN

Table with columns: ID, Name, Elevation, SNR, Azimuth, Elevation, Azimuth, Date, Time. Includes entries like PPLA Purkeypile, Y22A Socorro, PINM Pinnacle, etc.

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Table with columns: ID, Name, Elevation, SNR, Azimuth, Elevation, Azimuth, Date, Time. Includes entries like M26K Nabesna, M26K Nabesna, HYT Haines Junction, etc.

DRI0	Del Rio	83.92	57	P	Iamb	Iamb	19 21 43.3 +0.4
L29M	L29M	84.01	15	Iamb	Iamb	19 21 45.6	
L29M	comp-Z,12nm,0.9s	84.01	15	P		19 21 43.5 +0.9	
H23K	Yukon River	84.01	10	P		19 21 43.6 +1.2	
G21K	Allakaket	84.07	8	P		19 21 44.0 +1.3	
E18K	Tukpahleik C	84.17	5	P		19 21 44.5 +1.3	
I29A	Stewart Farms	84.19	54	Iamb	Iamb	19 21 47.1	
D17K	Noatak River	84.26	4	P		19 21 44.8 +1.2	
M31M	Drury Creek, Y	84.28	17	P		19 21 45.2 +1.3	
F20K	Avarart Lake	84.30	7	Iamb	Iamb	19 21 46.3	
F20K	Avarart Lake	84.30	7	P		19 21 45.0 +1.2	
H24K	Noodor Dome	84.30	10	P		19 21 45.1 +1.1	
Q24A	Divide	84.42	47	Iamb	Iamb	19 22 57.8	
WTLY	Watsco Lake, Y	84.44	21	P		19 21 45.8 +1.0	
PRP	Porcupine Dome	84.44	11	P		19 21 45.5 +0.7	
DAWY	Dawson	84.50	14	P		19 21 45.9 +0.9	
833A	Chaparral WMA	84.50	59	Iamb	Iamb	19 21 48.6	
E19K	Redstone River	84.53	6	P		19 21 46.6 +1.6	
RLMT	Red Lodge	84.58	40	Iamb	Iamb	19 21 49.7	
RODG	Red Dog Mine	84.62	4	P		19 21 46.4 +0.9	
POST	Post	84.64	53	P		19 21 46.8 +0.3	
C16K	Lisburne Hills	84.69	3	P		19 21 46.7 +0.9	
G22K	Bettles	84.73	9	P		19 21 48.0 +2.0	
F11K	Alatina River	84.74	8	Iamb	Iamb	19 21 48.3	
F21K	Alatina River	84.74	8	P		19 21 47.3 +1.2	
G23K	Bananza Creek	84.76	9	Iamb	Iamb	19 21 48.5	
G23K	Bananza Creek	84.76	9	P		19 21 47.2 +1.0	
K29M	Barlowe	84.77	15	P		19 21 47.7 +1.3	
C17K	DeLong Mountai	85.02	4	P		19 21 48.5 +1.0	
HNDO	Hondo	85.04	57	Iamb	Iamb	19 21 51.8	
J29N	Klondike Camp	85.10	15	P		19 21 48.8 +0.7	
G24K	Hadweenciz Riv	85.16	10	P		19 21 48.9 +0.7	
F22K	John River	85.19	8	P		19 21 49.0 +0.7	
I27K	Kandik River	85.30	13	Iamb	Iamb	19 21 48.5 -0.5	
I27K	Kandik River	85.30	13	P		19 21 50.1 +1.1	
DKNS	Dickens	85.32	53	Iamb	Iamb	19 21 53.2	
C18K	Utukok River	85.33	5	P		19 21 49.6 +0.5	
E20K	Nigu River	85.41	6	P		19 21 51.1 +1.6	
D19K	Kuna River	85.44	6	P		19 21 51.0 +1.4	
G25K	Bearman Lake	85.45	11	P		19 21 50.2 +0.6	
BILL	Bilbino	85.49	353	Iamb	Iamb	19 21 49.7 -0.1	
BILL	Bilbino	85.49	353	P		19 21 50.2 +0.4	
MMPY	Sheldon Lake	85.53	18	Iamb	Iamb	19 21 53.1	
MMPY	Sheldon Lake	85.53	18	P		19 21 51.1 +0.9	
I28M	Miner Creek	85.54	13	P		19 21 51.3 +1.0	
TGNT	Hyland Airport	85.65	20	P		19 21 52.1 +1.2	
J30M	Hart River	85.67	15	P		19 21 52.2 +1.3	
D20K	Eivuk River	85.81	6	P		19 21 52.5 +1.1	
E22K	Anaktuvuk Pass	85.82	8	Iamb	Iamb	19 21 53.8	
E22K	Anaktuvuk Pass	85.82	8	P		19 21 52.7 +1.2	
F24K	Squaw Lake	85.83	10	Iamb	Iamb	19 21 54.2	
F24K	Squaw Lake	85.83	10	P		19 21 52.6 +1.0	
I29M	Ogivilie Camp	85.84	14	P		19 21 52.5 +0.9	
E21K	Killik River	85.84	7	Iamb	Iamb	19 21 53.6	
E21K	Killik River	85.84	7	P		19 21 52.7 +1.1	
H27K	Steamboat Moun	85.86	13	P		19 21 53.5 +1.7	
HNS	HongShan	85.90	311	Pmax	Pmax	19 21 55.4 +2.9	
C19K	Lookout Ridge	85.91	5	P		19 21 53.3 +1.4	
BRDY	Brady	85.92	56	Iamb	Iamb	19 21 55.9	
BJJ2	Beijing	85.95	314	Pmax	Pmax	19 21 53.7 +1.0	
G26K	Porcupine River	86.04	11	P		19 21 54.2 +1.7	
E23K	Chandalar	86.06	9	P		19 21 53.9 +1.2	
KOTAN	Kotanlee Air	86.13	22	P		19 21 54.4 +1.2	
I30M	Mount Dempster	86.19	15	Iamb	Iamb	19 21 55.6	
I30M	Mount Dempster	86.19	15	P		19 21 54.5 +1.1	
E24K	Your Creek	86.25	9	P		19 21 55.1 +1.4	
F25K	Christian River	86.28	10	Iamb	Iamb	19 21 54.3 +0.5	
F25K	Christian River	86.28	10	P		19 21 55.7	
G27K	Doyon Strip	86.34	12	P		19 21 55.6 +1.5	
C21K	Knifblade Rid	86.43	7	P		19 21 55.8 +1.4	
EDM	Edmonton	86.53	32	Iamb	Iamb	19 21 57.9	
H29M	Whitestone	86.54	14	Iamb	Iamb	19 21 57.1	
H29M	Whitestone	86.54	14	P		19 21 56.4 +1.3	
TOLK	Toolik Lake Re	86.61	9	P		19 21 56.9 +1.5	
F26K	Sheenik River	86.63	11	P		19 21 56.8 +1.1	
MAW	Mawson	86.72	199	P		19 21 57.6 +1.6	
MAW	Mawson	86.72	199	LR	LR	19 57 46.3	
D23K	Nanushuk River	86.75	8	Iamb	Iamb	19 21 58.7	
D23K	Nanushuk River	86.75	8	P		19 21 57.2 +1.2	
E25K	Arctic Village	86.76	10	Iamb	Iamb	19 21 58.7	
E25K	Arctic Village	86.76	10	P		19 21 57.1 +1.0	
B21K	Ikpikpuk River	86.89	7	P		19 21 57.6 +1.0	

B20K	Meade River	87.00	6	P		19 21 57.8 +0.6
EPYK	Eagle Plains	87.04	14	P		19 21 58.6 +1.0
H31K	Peel River	87.16	15	P		19 21 58.6 +0.5
D24K	Happy Valley	87.19	9	P		19 21 59.1 +1.0
G29M	Pine Creek	87.19	13	P		19 21 58.9 +0.7
ENH	Enshi	87.21	303	P		19 22 00.0 +0.9
F28M	Old Crow	87.39	12	P		19 22 00.3 +1.2
RSSD	Black Hills	87.43	43	P		19 22 02.0 +1.0
E27K	Coleen River	87.54	11	P		19 22 01.0 +1.2
C23K	Iklikik River	87.57	8	P		19 22 01.1 +1.2
G30M	toAh Zraii Nji	87.66	14	P		19 22 01.2 +0.8
B22K	Teshepkuk Lake	87.71	7	P		19 22 01.8 +1.3
D55K	Kavik River	87.71	9	P		19 22 01.7 +1.0
C24K	Franklin Bluff	87.73	8	P		19 22 01.5 +0.9
G31M	Satah River	88.07	15	Iamb	Iamb	19 22 02.5 +0.8
G31M	Satah River	88.07	15	P		19 22 03.5 +1.2
A22K	Sinclair Lake	88.17	6	P		19 22 03.5 +0.8
F30M	Barrier River	88.27	14	P		19 22 04.3 +1.0
E28M	Babage River	88.30	12	P		19 22 04.2 +0.8
A21K	Barrow	88.32	5	P		19 22 04.6 +1.2
C27K	Jago River	88.42	10	P		19 22 05.3 +1.4
WRGLY	Wrigley	88.45	20	P		19 22 05.3 +1.1
E29M	Blow River	88.45	13	P		19 22 04.9 +0.8
C26K	Camden Bay	88.48	10	P		19 22 05.3 +1.1
D27M	Malcolm River	88.57	11	P		19 22 05.9 +1.2
F31M	Tsigitechic	88.61	14	P		19 22 06.1 +1.3
XAN	Xi'an	88.98	306	Pmax	Pmax	19 22 08.8 +1.3
XAN	comp-Z,16nm,1.0s			LR	LR	
XAN	comp-Z,210nm,16.8s			LR	LR	
XAN	comp-Z,170nm,15.8s			LR	LR	
PLCA	Paso Flores	89.05	132	LR	LR	19 52 40.4
INK	comp-Z,43nm,21.7s,baz=268,slow=29	89.34	14	P		19 22 09.2 +0.9
HHC	Hu-ho-hao-te	89.50	313	eP	Pmax	19 22 09.0 -0.8
HHC	Hu-ho-hao-te	89.50	313	Pmax	Pmax	19 57 04.5
YAK	Yakutsk	89.94	337	LR	LR	19 57 04.5
B102	San Fabin de	89.95	128	P		19 22 11.7 -0.5
BO01	Trunca	90.89	126	P		19 22 15.2 -1.2
ELIB	Princess Elisa	91.08	185	eP	P	19 22 18.1 +1.4
ELIB	Yellowknife Ar	91.16	23	eP	P	19 22 46.9 +2.4
YKA	Yellowknife Ar	91.16	23	P		19 22 17.7 +0.8
YKA	Neumayer Olymp	91.86	175	P		19 22 17.0 +1.1
VNA3	comp-Z,6.0nm,0.8s			P	P	19 22 51.6 +3.7
SNA4	comp-Z,4.7nm,0.7s	91.89	177	P		19 22 21.9 +1.5
SNA4	comp-Z,115nm,0.9s	91.89	177	P		19 22 22.4 +2.0
SNA4	comp-Z,4.4nm,0.9s,baz=204,slow=3.5,SNR=8.9	91.89	177	Iamb	Iamb	19 22 19.3 -1.1
SNA4	comp-Z,7.3nm,1.0s	91.89	177	Iamb	Iamb	19 22 22.9
VNA2	Neumayer-Watz	92.35	176	P		19 22 24.3 +1.8
VNA2	comp-Z,7.2nm,0.9s,baz=192,slow=3.7	92.35	176	P		19 22 24.6 +2.5
C36M	Paulatuk	92.43	16	P		19 22 52.4 +0.8
PZH	PanZhihua	92.46	297	P		19 22 23.0 -0.9
VNA1	Neumayer-Stat	92.55	175	P		19 22 25.1 +1.7
VNA1	comp-Z,16nm,1.1s			P	P	19 22 51.6 +0.6
WHAR	Wooly Hollow	92.56	54	Iamb	Iamb	19 22 26.7
CMAR	Chiang Mai Arr	92.65	288	P		19 22 26.0 +1.2
CMAR	comp-Z,2.4nm,0.8s,baz=95,slow=2.5,SNR=18			LR	LR	19 59 45.8
CMAR	comp-Z,15nm,21.7s,baz=210,slow=33			LR	LR	19 22 23.8 -1.0
CHTO	Chiang Mai	92.67	289	P		19 22 24.9 -0.3
CHTO	comp-Z,5.0nm,0.8s	92.68	289	Iamb	Iamb	19 24 42.4
ATAH	Atahualpa	93.08	96	LR	LR	19 56 11.7
LCO	Las Campanas	93.08	121	P		19 22 26.1 -0.9
A36M	Sachs Harbour	93.97	14	P		19 22 31.0 +1.3
T42A	Van Buren	94.02	53	Iamb	Iamb	19 22 32.4
ULM	Lac du Bonnet	94.93	39	P		19 22 35.1 +0.5
TIXI	Tiksi	95.91	344	LR	LR	20 01 41.5
I40A	comp-Z,28nm,21.1s,baz=209,slow=33			LR	LR	19 22 39.8 -1.5
TLY	Talaya	98.25	321	LR	LR	20 03 17.0
BVAR	Borovoye Array	118.50	322	PKPdf	PKPdf	19 27 59.7 +0.2
ARCS	ARCS Array B	125.58	352	PKP	PKP	19 28 12.8 +0.2
FINES	FINES Array B	132.88	347	PKP	PKP	19 28 28.1 +0.3
OJC	Ojcow	144.77	46	PKP	PKP	19 28 47.1 +0.1
KSP	Kasparski	144.77	349	PKP	PKP	19 28 49.0 +1.2
CLL	Collin	144.80	353	PKPdf	PKP	19 28 48.2 +0.4
CLL	comp-Z,13nm,0.8s			esPKPdf	esPKPdf	19 29 18.0 +0.7
VASR	Vaslui	144.98	334	PKP	PKP	19 28 49.3 +0.7
CHC	Chivale	145.03	349	PKP	PKP	19 28 49.9 +0.9
OSTC	Ostas	145.03	349	PKP	PKP	19 28 50.2 +1.1
BRG	Berggiesshubel	145.10	352	ePKPbc	PKP	19 28 49.4 +0.6
UPC	Uptice	145.12	349	PKP	PKP	19 28 50.1 +0.8
BZK	Bozkurt	145.17	323	PKP	PKP	19 28 50.8 +1.2
NIE	Niedzica	145.18	344	PKP	PKP	19 28 50.2 +0.8
BURAR	Bucovina Array	145.20	337	PKP	PKP	19 28 50.7 +1.1
DPC	Dobruca-Polom	145.21	349	PKP	PKP	19 28 50.7 +1.2
STEB	Stebriecze	145.31	347	PKP	PKP	19 28 50.8 +1.0
KRLD	Krasny	145.39	348	PKP	PKP	19 28 51.0 +0.9
RICC	Richard	145.40	351	PKP	PKP	19 28 51.3 +1.2
HSKR	Hora Svate Kat	145.43	352	PKP	PKP	19 28 50.8 +0.8
VLDR	Vladstvi	145.48	333	PKP	PKP	19 28 51.6 +1.0
MORC	Moravsky Berou	145.51	347	PKP	PKP	19 28 51.0 +0.7
MORC	Moravsky Berou	145.51	347	PKP	PKP	19 28 51.6 +1.0
TESR	Tescas	145.59	349	PKP	PKP	19 28 51.2 +0.7
UBBA	Unterbreizbach	145.57	356	ePKPbc	PKP	19 28 50.9 +0.7
GHRX	Ghorx	145.60	334	PKP	PKP	19 28 52.4 +1.4
MHO	Moxa	145.60	354	ePKPbc	PKP	19 28 51.3 +0.8
LANS	Liptovska Anna	145.65	345	PKP	PKP	19 28 52.7 +1.6
SCTR	Scanteiesti	145.65	333	PKP	PKP	19 28 52.1 +1.0
TLCR	Tescas	145.65	331	PKP	PKP	19 28 51.8 +1.0

UCC	Uccle	145.69	2	ePKP	PKPdf	19 28 51.2 +1.0
PLN	Plauen	145.71	353	ePKPbc	PKPbc	19 28 51.7 +0.9
TANN	Tannenbergsgha					

M16K	Timber Creek	40.88	39	P	P	19 24 01.8 +1.3
N16K	Nishlik Lake	40.93	39	P	P	19 24 02.7 +1.9
H17K	Granite Mounta	41.02	33	P	P	19 24 03.6 +2.1
J17K	VABM Dome	41.12	35	P	P	19 24 04.6 +2.2
O16K	Kokwok River B	41.21	41	P	P	19 24 05.3 +2.2
P16K	Nushagak River	41.23	42	P	P	19 24 05.5 +2.2
E18K	Tukpahlearik C	41.29	29	P	P	19 24 06.1 +2.4
L17K	Donlin	41.31	37	P	P	19 24 06.0 +2.0
K17K	Iditarod	41.38	36	P	P	19 24 06.5 +2.0
C18K	Utukok River	41.41	27	P	I Amb	19 24 06.1 +1.4
C18K	Utukok River	41.41	27	P	P	19 24 06.6 +1.9
R16K	Pilot Point	41.42	44	P	P	19 24 06.9 +2.1
F18K	Selawik	41.46	30	P	P	19 24 07.5 +2.4
M17K	Holifna River	41.65	38	P	P	19 24 08.6 +1.8
H18K	Honhosa River	41.70	32	P	P	19 24 09.1 +1.9
N17K	Nushagak Hills	41.71	39	P	P	19 24 09.4 +2.1
G18K	Tagagawik	41.72	31	P	P	19 24 09.3 +2.1
O17K	Koliganek Bris	41.72	41	P	P	19 24 09.6 +2.3
WMQ	Urumqi	41.77	295	eP	P	19 24 09.6 +1.6
A19K	Wainwright	41.91	25	P	P	19 24 10.9 +2.2
P17K	Kvichak River	42.04	41	P	P	19 24 12.0 +2.1
ZAAO	Zalesovo Array	42.04	311	I Amb	P	19 24 09.0 -1.1
ZAAO	Zalesovo Beam	42.04	311	P	I Amb	19 24 31.3
RC01	Zalesovo Beam	42.04	311	P	P	19 26 03.4 -0.8
ZALV	Zalesovo Beam	42.04	311	P	P	19 24 10.2 +0.1
ZALV	Zalesovo Beam	42.04	311	P	P	19 26 03.9 -0.3
ZALV	Zalesovo Beam	42.04	311	P	P	19 42 38.4
ZALV	Zalesovo Beam	42.04	311	P	P	19 24 08.7 -1.3
ZALV	Zalesovo Beam	42.04	311	P	P	19 26 04.1 -0.1
L18K	Granite Mounta	42.07	37	P	P	19 24 12.4 +2.2
C19K	Lookout Ridge	42.09	26	I Amb	I Amb	19 24 13.5
C19K	Lookout Ridge	42.09	26	P	P	19 24 12.2 +1.9
F19K	Shalercuk Mo	42.24	30	P	P	19 24 13.0 +1.6
N18K	Klilae Creek	42.36	39	P	P	19 24 14.4 +1.8
G19K	Purcell Mounta	42.39	31	P	P	19 24 14.8 +2.1
M18K	Stony River	42.43	38	P	P	19 24 15.1 +2.0
D19K	Kuna River	42.46	28	I Amb	I Amb	19 24 16.3
D19K	Kuna River	42.46	28	P	P	19 24 15.0 +1.7
CHIR	Chirikof Islan	42.54	46	P	P	19 24 15.9 +1.9
H19K	Roundabout Mou	42.55	32	P	P	19 24 15.1 +1.0
H19K	Roundabout Mou	42.55	32	P	I Amb	19 24 17.1
H19K	Roundabout Mou	42.55	32	P	P	19 24 15.9 +1.9
E19K	Redstone River	42.57	29	I Amb	I Amb	19 24 17.2
E19K	Redstone River	42.57	29	P	P	19 24 16.2 +2.1
P18K	Big Mountain	42.66	41	P	P	19 24 16.8 +1.7
O18K	Koktuh Hills	42.68	41	P	P	19 24 16.8 +1.7
J19K	Poorman	42.72	34	P	P	19 24 16.1 +0.7
J19K	Poorman	42.72	34	P	P	19 24 17.1 +1.7
Q18K	Katmai Hardscr	42.78	42	P	P	19 24 17.9 +1.8
ZSN	Zaisan	42.91	301	cP	P	19 24 17.4 +0.2
ZSN	Zaisan	42.91	301	lP	P	19 24 17.4 +0.2
L19K	White Mountain	42.93	37	P	P	19 24 19.0 +1.2
D20K	Etiyulik River	43.05	27	I Amb	I Amb	19 24 21.1
D20K	Etiyulik River	43.05	27	P	P	19 24 19.6 +1.6
N19K	Bonanza Creek	43.05	39	P	P	19 24 20.2 +1.9
F20K	Avarant Lake	43.08	30	P	P	19 24 20.2 +1.9
E20K	Nigu River	43.11	28	P	P	19 24 20.4 +1.8
B20K	Meade River	43.14	25	P	P	19 24 20.6 +1.9
H20K	Antoleneega M	43.20	32	P	P	19 24 21.4 +2.1
I20K	Naaghedeneel	43.29	33	P	P	19 24 21.4 +1.4
SII	Sitkinak Islan	43.30	45	P	P	19 24 21.6 +1.4
K20K	Telida	43.36	35	P	P	19 24 22.8 +2.2
J20K	Nowinta River	43.38	34	P	P	19 24 22.9 +2.1
A21K	Barrow	43.64	24	P	P	19 24 24.4 +1.7
P19K	Oil Pt	43.68	41	P	P	19 24 24.6 +1.4
M20K	Styx River	43.73	38	P	P	19 24 25.2 +1.4
C21K	Knifeflade Rid	43.78	27	P	P	19 24 26.1 +2.2
CHTO	Chiang Mai	43.85	256	P	P	19 24 25.0 -0.1
CHTO	Chiang Mai	43.85	256	P	P	19 24 25.0 -0.1
G21K	Allakaket	43.87	31	P	P	19 24 26.3 +1.6
B21K	Ikkipuk River	43.93	26	I Amb	I Amb	19 24 28.3
B21K	Ikkipuk River	43.93	26	P	P	19 24 27.2 +2.1
E21K	Killik River	43.95	28	P	P	19 24 26.9 +1.6
F21K	Alatina River	43.97	30	P	P	19 24 27.1 +1.7
O20K	Slope Mountain	43.98	40	P	P	19 24 27.4 +1.8
CMAR	Chiang Mai Arr	44.07	255	P	P	19 24 27.3 +0.5
CMAR	Chiang Mai Arr	44.07	255	P	P	19 26 11.6 0.0
CMAR	Chiang Mai Arr	44.07	255	P	P	19 43 59.3
H21K	Melozitna River	44.07	32	P	P	19 24 28.2 +1.9
A22K	Sinclair Lake	44.09	24	P	P	19 24 28.3 +2.0
KDAK	Kodiak Island	44.09	43	P	P	19 24 28.6 +2.1
LSA	Lhasa	44.11	274	eP	P	19 24 29.2 +1.6
SPCR	Spurr Chakacha	44.17	39	P	P	19 24 29.3 +2.1
CHUM	Lake Minchumin	44.17	35	P	P	19 24 29.3 +2.3
PPLA	Purkeypile	44.19	36	P	P	19 24 29.5 +2.1
CAST	Castle Rocks	44.25	35	P	P	19 24 29.8 +2.0

I21K	Tanana	44.38	33	P	P	19 24 30.7 +2.0
B22K	Teshehpuk Lake	44.46	25	I Amb	I Amb	19 24 32.1
B22K	Teshehpuk Lake	44.46	25	P	P	19 24 31.3 +2.0
SKT	Skwentna	44.49	37	P	P	19 24 31.7 +2.1
F22K	John River	44.50	29	P	P	19 24 31.9 +2.2
H22K	Ishtalitra Cre	44.68	32	P	P	19 24 33.2 +2.0
G22K	Bettles	44.70	30	P	P	19 24 32.8 +1.5
E22K	Anaktuvuk Pass	44.71	29	I Amb	I Amb	19 24 53.2
E22K	Anaktuvuk Pass	44.71	29	P	P	19 24 33.4 +2.0
MK31	Makanchi Array	44.77	301	cP	P	19 24 31.9 -0.3
MKAR	Makanchi Array	44.77	301	P	P	19 24 31.9 -0.2
MKAR	Makanchi Array	44.77	301	P	P	19 26 13.4 -0.3
MKAR	Makanchi Array	44.77	301	P	P	19 44 01.9
MKAR	Makanchi Array	44.77	301	P	P	19 24 31.0 -1.2
MKAR	Makanchi Array	44.77	301	P	P	19 26 13.4 -0.3
MKAR	Makanchi Array	44.77	301	P	P	19 24 31.1 +1.6
MLY	Manley	44.80	33	P	P	19 24 34.8 +1.9
BRSE	Bradley Lake S	44.94	41	P	P	19 24 35.3 +2.1
MAKZ	Makanchi	44.98	301	P	P	19 24 33.2 -0.6
MAKZ	Makanchi	44.98	301	P	P	19 24 33.2 -0.6
TRF	Thorofare Moun	45.06	35	P	P	19 24 36.2 +1.8
D23K	Nanushuk River	45.21	28	P	P	19 24 37.6 +2.3
G23K	Bananza Creek	45.27	31	P	P	19 24 38.0 +2.1
C23K	Iktilik River	45.34	26	P	P	19 24 38.4 +2.1
RC01	Rabbit Creek A	45.37	39	P	P	19 24 39.0 +2.3
H23K	Yukon River	45.43	32	I Amb	I Amb	19 24 40.6
H23K	Yukon-K	45.43	32	P	P	19 24 39.2 +2.1
I23K	Minto, Yukon-K	45.49	33	P	P	19 24 39.7 +2.2
E23K	Chandalar	45.52	29	I Amb	I Amb	19 24 39.1 +1.2
E23K	Chandalar	45.52	29	P	P	19 24 40.0 +2.1
TOLK	Toolik Lake Re	45.58	28	P	P	19 24 40.3 +2.0
NEA2	Nenana	45.60	34	P	P	19 24 40.2 +1.7
MCK	McKinley	45.67	35	P	P	19 24 40.9 +1.9
D24K	Happy Valley	45.90	27	I Amb	I Amb	19 24 43.3
D24K	Happy Valley	45.90	27	P	P	19 24 42.5 +1.8
E24K	Your Creek	45.95	29	I Amb	I Amb	19 24 44.5
E24K	Your Creek	45.95	29	P	P	19 24 43.3 +2.1
KNK	Knik Glacier	45.97	38	P	P	19 24 43.4 +2.0
C24K	Franklin Bluff	45.99	27	I Amb	I Amb	19 24 44.3
C24K	Franklin Bluff	45.99	27	P	P	19 24 42.9 +1.5
H24K	Noodor Dome	46.12	32	I Amb	I Amb	19 24 45.4
H24K	Noodor Dome	46.12	32	P	P	19 24 44.6 +2.1
F24K	Squaw Lake	46.15	30	P	P	19 24 44.7 +1.9
WAT6	Susitna Watana	46.24	37	P	P	19 24 45.3 +1.6
KURK	Kurchatov	46.27	307	P	P	19 24 42.9 -1.0
KURK	Kurchatov	46.27	307	cP	P	19 24 43.4 -0.5
G24K	Hadweenic Riv	46.29	31	I Amb	I Amb	19 25 05.8
G24K	Hadweenic Riv	46.29	31	P	P	19 24 46.1 +2.2
KURBB	Kurchatov Arr	46.35	307	P	P	19 24 44.1 -0.3
KURBB	Kurchatov Arr	46.35	307	LR	LR	19 46 44.0
DHY	Detrit Highway	46.39	36	P	P	19 24 46.6 +1.7
SCM	Sheep Creek Mo	46.48	38	P	P	19 24 47.2 +1.7
HDA	Harding Lake	46.52	34	I Amb	I Amb	19 24 47.4
HDA	Harding Lake	46.52	34	P	P	19 24 46.8 +1.1
ILAR	Eielson Array	46.54	33	P	P	19 24 47.0 +1.2
ILAR	Eielson Array	46.54	33	P	P	19 24 46.0 +0.2
GLI	Glacier Island	46.67	39	P	P	19 24 48.8 +1.9
D25K	Kavik River	46.78	27	I Amb	I Amb	19 24 50.5
D25K	Kavik River	46.78	27	P	P	19 24 49.5 +1.8
G25K	Seaman Lake	46.83	31	P	P	19 24 50.0 +1.9
M24K	Tolsona, Glenn	47.00	37	P	P	19 24 51.4 +1.8
F25K	Christan River	47.01	30	P	P	19 24 51.7 +2.1
E25K	Arctic Village	47.04	29	P	P	19 24 51.7 +1.9
K24K	Donnelly Dome	47.07	35	P	P	19 24 51.6 +1.6
PRP	Porcupine Dome	47.09	32	P	P	19 24 51.9 +1.6
KLU	Klutina	47.18	38	P	P	19 24 52.4 +1.5
J25K	Salcha River,	47.20	34	P	P	19 24 52.7 +1.6
PAX	Paxson	47.26	36	P	P	19 24 53.3 +1.7
C66K	Camden Bay	47.31	26	P	P	19 24 53.6 +1.8
EYAK	Cordova Ski Ar	47.36	39	P	P	19 24 54.1 +1.8
RIDG	Independent Ri	47.48	35	P	P	19 24 55.3 +2.0
F26K	Sheenjek River	47.58	29	I Amb	I Amb	19 24 57.8
F26K	Sheenjek River	47.58	29	P	P	19 24 56.1 +2.1
SHLS	Shalkode	47.70	297	eP	P	19 24 52.9 -2.5
SHLS	Shalkode	47.70	297	eP	P	19 24 52.9 -2.5
C27K	Jago River	47.72	27	I Amb	I Amb	19 24 57.8
C27K	Jago River	47.72	27	P	P	19 24 57.2 +2.2
G26K	Porcupine Riv	47.74	30	I Amb	I Amb	19 24 56.3 +1.1
G26K	Porcupine Riv	47.74	30	P	P	19 24 57.3 +2.1
SCRK	Sand Creek	47.84	34	I Amb	I Amb	19 24 58.1
SCRK	Sand Creek	47.84	34	P	P	19 24 57.6 +1.5
TDK	Taldyqorghon	47.86	299	eP	P	19 24 56.7 +0.3
TDK	Taldyqorghon	47.86	299	eP	P	19 24 56.7 +0.3
TDK	Taldyqorghon	47.86	299	eP	P	19 24 56.8 +0.3
BMRM	Bremner River	47.87	39	P	P	19 24 58.3 +2.1

UZB	Uzynbulak	48.01	297	eP	P	19 24 57.5 -0.3
UZB	Uzynbulak	48.01	297	eP	P	19 24 57.6 -0.3
KAIM	Kayak Island	48.09	40	P	P	19 24 59.9 +1.9
KPKS	Kokpek	48.15	297	eP	P	19 24 58.9 +0.2
KPKS	Kokpek	48.15	297	eP	P	19 24 58.9 +0.2
L26K	Log Cabin Wild	48.22	36	I Amb	I Amb	19 25 01.6
L26K	Log Cabin Wild	48.22	36	P	P	19 25 01.0 +2.1
EVN	Everest	48.28	275	P	P	19 24 59.9 -0.7
M26K	Nabesna, AK	48.45	37	I Amb	I Amb	19 25 23.4
M26K	Nabesna, AK	48.45	37	P	P	19 25 02.8 +2.0
E27K	Coleen River	48.53	29	P	P	19 25 03.3 +2.0
MCARA	McCarthy VSAT	48				

12d 19h

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like PLBC Pleasant Camp, M31M Drury Creek, M31M Drury Creek, etc.

2020 JUN

Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like GOF Gofitskoye, STKA Stephens Creek, NCK Nalchik, etc.

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Table with columns: Call sign, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like BRTR Keskin Array B, BRTR Keskin Array B, BRTR Keskin Array B, etc.

IDC 12 19:28:56.4, 0.9, 5.61S, 106.11E, h180km, 7km, mb3.8/18, mbmp4.3/19, Error ellipse: s-maj=16.9km s-min=8.4km az=67.0
NEIC 12 19:28:56.6, 2.4, 5.68S, 0.07, 106.13E, 0.06, h182km, 5km, mb4.4/75, Error ellipse: s-maj=11.6km s-min=7.4km az=216.0
DJA 12 19:28:56.4, 0.1, 6.53S, 10.106E, h184km, 2km, M4, 4/67, mb4.7/61, mB5.1/31, MLV4.6/67, Mw(mB4) 4.3/1
ISC 12 19:28:56.3, 0.5, 5.78S, 0.04, 106.08E, 0.04, h185km, 4km,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like SBJ Serang, TNG Tangerang, CGJ Cibinong, etc.

Table with columns: WRA, PpP, PpP, Time, Res, ISC. Includes stations like WRA comp=Z,0.9nm,0.4s, WRA comp=Z,3.8nm,1.0s, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like PETK Petropavlovsk-ARTI, PET GHJAJ Ghor Haditha, Vnda Vanda, etc.

RSNP 12:19:38.59±0.7N;173.33W;h144km,2km,M2.5,ML2.1
FUNV 12:19:30.01±2.716N;73.23W,h5km,MW2.7, Presumed earthquake
ISC 12:19:38.58±1.5,6.89N;0.04-73.13W;0.05,h150km,9km,
n23,r129/44,Northern Colombia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes data for stations like Col San Antoni, San Juan, and various regional stations.

Table with columns: FITZ, WRA, ASAR, DAV, JHJ, KSRS, MKAR. Includes station names, coordinates, and time/res data.

RSNC 12 21:12:01.8±0.0, 7°N, 1°7'3W, h146km, 1km, M2.5, ML2.2

RSNC 12 21:12:02.8±0.0, 7°18'N, 73°16'W, h3km, MW3.0, Presumed earthquake

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like BARC, PAMC, BRJC, RUSC, etc.

WEL 12 21:29:16.8±0.4, 44°S, 3°16'9E, h5km, M3.5/12, ML2.3/16, MLV3.5/12, Error ellipse: s-maj=5.3km

NOU 12 21:29:18.4±0.4, 17°S, 168°70'E, h3km, MLV3.6/11, South Island, New Zealand

ISC 12 21:29:16.6±1.2, 44.22S±0.03, 168.59E±0.03, h4km±11km, n36, c196/45, South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like JCCZ, JCSZ, JMSZ, WKZ, etc.

ISC 12 21:33:59.7±2.9, 27°37'N, 53°61'E, h0km, mb3.5/6, mbtmp3.5/7, ML3.2/1, MS2.8/4, Error ellipse: s-maj=54.5km

TEH 12 21:34:03.2±2.7, 67°N, 53°42'E, h6km±174km, ML3.1, Presumed earthquake

ISC 12 21:34:04.0±0.8, 27.69N±0.06, 53.26E±0.09, h10km, n21, c1540/16, mb3.5/4, Southern Iran

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like KHL1, QIR1, JHR1, etc.

Table with columns: KBAM, BRTR, AAK, AKTO, AKASG, MKAR, VRAC, FINES, HFS, NOA, TORD. Includes station names, coordinates, and time/res data.

RSNC 12 21:41:24.2±9.0, 7°N, 1°7'3W, h146km, 1km, M2, ML2.1

RSNC 12 21:41:22.1±1.5, 6.87N±0.04, 73°11'W±0.05, h160km±9km, n24, c196/45, Northern Colombia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like BARC, PAMC, BRJC, RUSC, etc.

ISC 12 21:48:14.5±2.1, 40°63'N, 50°68'E, h0km, mb3.2/4, mbtmp3.3/7, ML2.8/2, MS2.3/1, Error ellipse: s-maj=32.7km

ISC 12 21:48:21.5±1.8, 40.93N±0.2, 50.8E±0.1, h35km, n8, c190/8, mb3.1/4, Caspian Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like KBZ, AKTO, BRTR, AKASG, etc.

ISC 12 21:49:46.1±2.8, 2°69'S, 128°33'E, h130km±29km, mb3.5/2, mbtmp3.9/5, MS2.7/4, Error ellipse: s-maj=30.8km

ISC 12 21:49:46.1±2.8, 2°69'S, 128°33'E, h130km±29km, mb3.5/2, s-min=17.3km az=73.0, Ceram Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like SIJI, KAPI, DAV, FITZ, WRA, ASAR, ZALV, JMA, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like JAA Atsumi, JIE Ise, JYTA Yamagatajiani, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, USRK Ussuriysk Arr, KLR Kuldr, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like YKA Yellowknife Arr, B04A B04A, K05A Summer Lake, etc.

IDC 1222:06:37.2-1.6,3.11N:128°97'E,h0km,mb3.3/5, mbtmp3.3/6,ML3.5/1, Error ellipse: s-maj=132.1km

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like SJUI Sorong, WRA Warramunga Arr, ASAR Alice Springs, etc.

s-min=18.4km az=67.0,North of Halmahera

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like BVAR Borovoye Array, TXAR Tajikistan, HFS Hagfors, etc.

IDC 1223:32:34.6-0.8,33°08'N:73°75'E,h0km,mb3.9/16, mbtmp3.9/19,ML3.7/3,MS2.9/1, Error ellipse:

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, EKA Eskdalemuir Arr, JMU Jammu, etc.

MAN 1222:08:57.0,9.88N:125°31'E,h1km,MS3.7

MAN INTENSITY II - SOUTHERN COAST OF SOUTHERN LEYTE, IDC 1222:09:02.7,1.8,9.85N:125°34'E,h59km,18km,mb3.6/18, mbtmp3.9/21,MS3.4/23, Error ellipse: s-maj=23.7km

s-min=10.5km az=76.0, NEIC 1222:09:03.5,1.5,9.9N:01°125°33'E:0.2,h56km,9km, mb4.5/5, Error ellipse: s-maj=24.1km s-min=13.0km az=62.0

ISC 1222:08:57.4-0.8,9.80N:03:125°34E:0.03,h17km,5km, n72,±1°48/61,mb3.9/24,MS3.4/21,Mindanao

NEIC 1222:48:17.3±1.8,52°2N:01°171°63E:0.07,h10km,1km, mb4.5/20, Error ellipse: s-maj=17.6km s-min=7.4km az=5.0

IDC 1222:48:18.9±1.9,52°74N:171°69E,h0km,mb3.6/9, mbtmp3.6/10,ML2.7/1,MS1.1/3, Error ellipse: s-maj=53.6km s-min=12.0km az=8.0

KRSC 1222:48:20.7-0.1,52°22N:171°78E,h64km,14km,ML3.9

ISC 1222:48:20.0-0.8,52°2N:01°171°67E:0.05,h35km,n51, ±1°48/45,mb4.1/16,MS3.3/1,Near Islands

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like SCPH Surigao, SCPH Surigao, TSSP Tandag City, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like SHEM Shemya Is, Alia, SHEM Shemya Is, etc.

ALCI Alchi Le, 3.16 66 eP Pb 23 33 31.2 -0.4

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res, ISC. Includes stations like ALCI Alchi Le, KLP Kalpa, KBL Kabul, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like CHMS Chumysh, TKM2 Tomak 2, PRZ Przewalski, BHPAL Bhopal, etc.

IDC 1223:34:42.9.3.5, 54.711N, 35.21W, h0km, mb3.5/3, mbtm3.5/3, MS3.0/10, Error ellipse: s-maj=96.2km s-min=46.8km az=55.0, RevKjans Ridge

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like SFJD Kangerlussuaq, SCHO Schefferville, ESDC Sonseca Array, etc.

TAP 1223:37:54.9, 24.88N, 121.97E, h107km, ML3.4, C JMA 1223:37:55.2, 0.1, 24.8N, 0.5, 122.0E, 0.3, h105km, 1km, M2.3/12, TAIWAN REGION

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like EGS Santiaho Chiao, TWB1 Shuangxi, SX11 Grass Mountain, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like NWF WFSB Wu-fen Shan, TWC Suao, TWF Neicheng, etc.

IDC 1223:45:34.6, 1.4, 1.11S, 120.42E, h0km, mb3.3/4, mbtm3.3/4, MS2.3/1, Error ellipse: s-maj=246.0km s-min=23.1km az=59.0

DJA 1223:45:37.1, 0.2, 1.1S, 120.42E, h10km, M4.0/19, MLv4.0/19

IDC 1223:45:36.6, 0.9, 1.30S, 0.07, 120.10E, 0.07, h10km, n12, r138/11, mb3.3/4, Sulawesi

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like JISG Ishigakijima, VCHM Gimei, etc.

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like PCI Palu, APSI Ampana, MMSI Mamuju, etc.

WEL 1223:47:05.7, 0.8, 44.5S, 3.167E, h5km, M3.6/10, ML3.5/11, MLv3.6/10, Error ellipse: s-maj=6.7km s-min=4.0km az=112.3, confirmed, South Island

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like MSZ Milford Sound, JCY Jackson Bay, MLZ Mavora Lakes, etc.

IDC 1223:48:24.3, 1.9, 30.7N, 0.1, 140.8E, 0.3, h35km, n22, r172/7, mb3.6, Southeast of Honshu

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like JHJ Hachijo jima 2, JHJ Hachijo jima 1, JCJ Chichijima, etc.

CMAR Chiang Mai Arr 39.76 262 LR comp=Z, 0.2nm, 18.3s, baz=215, slow=37

WRA Warramunga Arr 50.73 188 P comp=Z, 0.6nm, 6.6s, baz=3.2, slow=7.6, SNR=19

ASAR Alice Springs 54.46 188 P comp=Z, 0.7nm, 0.6s, baz=3.6, slow=4.2, SNR=1.9

ILAR Yellowknife Arr 69.56 29 P comp=Z, 0.5nm, 0.5s, baz=301, slow=6.9, SNR=4.7

TXAR Lajitas Array 94.39 52 P comp=Z, 0.5nm, 0.7s, baz=299, slow=4.0, SNR=6.3

H03N2 Juan Fernandez 146.35 105 T comp=Z, 0.2nm, 0.2s, baz=92, slow=5.0, SNR=1.8

TAP 13 00:30:17.9, 24.71N, 122.29E, h100km, ML2.9, C JMA 13 00:30:17.9, 0.2, 25.1N, 122.4E, 0.4, h93km, 2km, M1.9/12, TAIWAN REGION

IDC 13 00:30:17.9, 0.1, 24.67N, 0.05, 122.38E, 0.03, h94km, 8km, n5, r98/104, Taiwan region

Table with columns: Code, Station Name, Az, Op, Phase ID, Time, Res, ISC. Includes stations like E0S2 E0S2, E0S3 E0S3, TWC Suao, etc.

Table with columns: YOJ, YONAGUNI JIMA, 0.61 109 P, Pn, 00 30 33.7 -0.3, etc.

Table with columns: TORO, TORO DI AR BEA, 50.24 131 P, P, 01 08 12.1 -1.2, etc.

Table with columns: KAPI, KAPPANG, 12.78 215 P, Pn, 02 13 49.6 +0.1, etc.

Table with columns: WARRAMUNGA ARR, 44.49 259 P, P, 00 51 21.8 0.0, etc.

Table with columns: DAVAO CITY (W), 2.13 316 P, Pn, 02 11 22.7 -1.4, etc.

Table with columns: FITZ, FITZ CROSSI, 23.52 183 P, P, 02 26 18.6, etc.

Table with columns: WARRAMUNGA ARR, 44.49 259 P, P, 00 51 21.8 0.0, etc.

Table with columns: DAVAO CITY (W), 2.13 316 P, Pn, 02 11 22.7 -1.4, etc.

Table with columns: FITZ, FITZ CROSSI, 23.52 183 P, P, 02 26 18.6, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like Alice Springs, Alice Springs, Alice Springs, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like Baotou, Baotou, Baotou, etc.

Table with columns: Station Name, Frequency, Power, Mode, and Time. Includes stations like DHAM, DHAM, DHAM, etc.

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Table with columns: Emission, Name, RA, Dec, P, S, SNR, Az, El, Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Ubeda, Jaen, Juzbado, Salam, Quesada, comp=N,379nm,SNR=3.9, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Bering, Mys Kozlova, Krutoberegovo, etc.

Table with columns: Emission, Name, RA, Dec, P, S, SNR, Az, El, Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Mys Shipunski, Kozyrevsk, Sredinnyy, NLC, Naitychhevo, etc.

KRNET 13 03:34:25.2-0.1, 40.52N; 78.13E, h19km, mb3.4
SOME 13 03:34:26.8, 40.62N; 78.10E, h10km
NINC 13 03:34:29.1-0.9, 40.70N; 78.09E, h0km, mb3.9, mpv3.5,
Error ellipse: s-maj=6.2km s-min=4.2km az=162.0
ISC 13 03:34:28.0-2.3, 40.53N; 78.15E-0.05, h1km, 13km,
n57, r1518/83, 27C-11D, Southern Xinjiang

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Taragay, Kyrgyz, Kajisay, Naryn, Prtzeval'sk, Prtzeval'sk, Prtzeval'sk, etc.

Table with columns: Emission, Name, RA, Dec, P, S, SNR, Az, El, Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Tokmak 2, Tokmak 2, Aral, Karagaybulak, Karagaybulak, Uchtor, Uchtor, Karatobe, Karatobe, Karatobe, etc.

IDC 13 03:55:19.1-1.1, 34.39N; 25.94E, h0km, mb3.7/8,
mbtmp3.6/13, ML3.2/6, MS3.0/9, Error ellipse:
s-maj=21.7km s-min=15.8km az=4.0
ISK 13 03:55:20.6, 34.37N; 25.93E, h0km, ML3.3/11
THE 13 03:55:21.1, 34.1N; 26.6E, h0km, 6km, M2.9/10,
MLH2.9/10
ATH 13 03:55:21.4, 0.6, 34.34N; 25.98E, h10km, ML3.1/7,
Latitude uncertainty: 3 km; Longitude uncertainty: 2 km
AFAD 13 03:55:26.4, 34.62N; 26.27E, h6km, 4km, ML2.8
ISC 13 03:55:19.1-1.1, 34.31N; 0.06, 25.97E-0.03, h3km, 10km,
n84, r164/105, mb3.7/7, MS2.9/7, Crete

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Zakros, Zakros, Zakros, Siteia, Neapolis, Neapolis, Sivas, Anoyia, Anoyia, Anoyia, etc.

Table with columns: MRKS, Merke, 2.48 267 eP, Pb, 04 55 18.3 +1.2, etc.

IDC 13 04:58:10.0-1.34, 11N:25.64E, h0km, mb3.7/6, mbtmp3.7/12, ML3.4/5, MS2.7/4, Error ellipse: s-maj=22.1km s-min=16.8km az=176.0

ATH 13 04:58:14.2, 34.32N:25.53E, h5km, 2km, ML2.9/6, Latitude uncertainty: 3 km, Longitude uncertainty: 1 km

AFAD 13 04:58:20.9, 34.82N:26.32E, h7km, 5km, ML2.5

ISC 13 04:58:12.1-1.7, 34.23N:0.06E, 0.03, h9km, 10km, n49, c206/59, mb3.6/5, Crete

Main station list table for Crete region, including stations like ZKR, NPS, NVA, SIVA, etc.

SJA 13 05:11:08.3-0.7, 37.35S:74.85W, h49km, 12km, ML3.4, MW3.7, Off coast of central Chile

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

Table with columns: MT01, MT02, VA03, VA03, comp=Z, 2.24nm, 2.2s, 5.08 38 i P, Pn, 05 12 24.2 +2.2, etc.

IDC 13 05:11:08.0-1.6, 11.41N:86.62W, h0km, mb3.3/2, mbtmp3.3/2, MS2.7/1, Error ellipse: s-maj=49.9km s-min=13.9km az=39.0

CATAC 13 05:11:19.0-0.4, 11.1N:87.7W, h15km, 3km, M4.0/39, MLV4.0/39, Error ellipse: s-maj=3.5km s-min=2.1km az=41.8, confirmed

UCR 13 05:11:12.1-0.8, 11.16N:86.76W, h18km, 6km, MW4.3, Presumed earthquake

ISC 13 05:11:12.1-1.3, 11.21N:0.03E, 86.70W, 0.04, h2km, 11km, n68, c087/93, 4C-19D, Near coast of Nicaragua

Main station list table for Nicaragua region, including stations like NADN, MASN, MAS3, etc.

SJA 13 05:14:39.0-0.6, 20.52S:69.19W, h103km, 2km, ML3.7, MW3.7

GUC 13 05:14:40.7-0.8, 20.52S:69.10W, h96km, 4km, ML3.7

ISC 13 05:14:41.9-1.4, 20.55S:0.03E, 69.23W, 0.07, h89km, 8km, n31, c1947/49, 5C-2D, Northern Chile

Main station list table for Chile region, including stations like PB08, PB08, PB08, etc.

Table with columns: PB11, PB11, comp=Z, 1.1um, 0.3s, 0.88 333 i P, Pn, 05 14 59.5 -0.9, etc.

IDC 13 05:20:26.6-0.7, 7.76N:36.71W, h0km, mb3.8/13, mbtmp3.8/14, ML3.8/1, MS3.5/37, Error ellipse: s-maj=25.9km s-min=15.8km az=126.0

NEIC 13 05:20:28.6-2.7, 7.7N:0.1E, 36.67W, 0.08, h10km, 1km, mb4.6/14, Error ellipse: s-maj=24.9km s-min=4.5km az=149.0

ISC 13 05:20:30.0-0.5, 7.68N:0.08E, 36.72W, 0.09, h24km, n71, c096/38, mb4.2/23, MS3.4/36, Central Mid-Atlantic Ridge

Main station list table for Chile region, including stations like RCBR, RCBR, MDP, BOAV, etc.

IDC 13 05:20:26.6-0.7, 7.76N:36.71W, h0km, mb3.8/13, mbtmp3.8/14, ML3.8/1, MS3.5/37, Error ellipse: s-maj=25.9km s-min=15.8km az=126.0

NEIC 13 05:20:28.6-2.7, 7.7N:0.1E, 36.67W, 0.08, h10km, 1km, mb4.6/14, Error ellipse: s-maj=24.9km s-min=4.5km az=149.0

ISC 13 05:20:30.0-0.5, 7.68N:0.08E, 36.72W, 0.09, h24km, n71, c096/38, mb4.2/23, MS3.4/36, Central Mid-Atlantic Ridge

Main station list table for Chile region, including stations like RCBR, RCBR, MDP, BOAV, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like BBGH Gun Hill, ROC Rio Carpintero, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like FFC Flin Flon, PFO Pinyon Flats O, NVAR Mina Array Bea, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like JRBN Rebutou, KRS4 Mayak Korsakov, KRS4 50nm,0.4s, etc.

NEIC 13 06:07:23.0; 1.4, 20.7; S:0.1; 1.73; 6W:0.1; h10km, 1km, mb5/1.46, Error ellipse: s-maj=21.0km s-min=12.9km az=132.0

IDC 13 06:07:23.0; 0.5, 20.7; S:0.5; 1.73; 97W, h0km, mb4.6/18, mbtmp4.6/21, ML4.5/3, MS4.1/46, Error ellipse: s-maj=19.5km s-min=13.5km az=136.0

BUI 13 06:07:24.3; 20.69S; 173.87W, h8km, mb5.3/11, mb5.1/22, Ms4.9/8, Mst 4/6/8

GMCT 13 06:07:26.0; 0.3, 21.14S; 0.0; 3.3; 173.45W; 0.02, h14km, 1km, MV4.9/87, Moment Tensor Solution, s30, c31; s87, c107; Duration: 0; Moment tensor: Scale: 0.161Nm; Mr2.43z: 15; Mw: 0.44z: 11; Ms: 1.9z: 11; Mw: 0.75z: 25; Mw: 0.75z: 25; Mw: 0.58z: 20; Best double couple: M2 48400; 1016; NP1: 189.00000; 836.00000; 1.74.00000; NP2: 0.2990000; 855.00000; 1.102.00000; Principal axes: T 2.6540, Plg76.00000; Azm336.00000; N -0.3430, Plg10.00000; Azm202.00000; P -2.3140, Plg10.00000; Azm11.00000; ns1a refers to body waves, cutoff=40s. ns2a refers to surface waves, cutoff=50s. Triangular moment-rate function

MOS 13 06:07:27.1; 3.4, 20.78S; 174.48W, h10km, mb5.3/18, MS4.6/4, Error ellipse: s-maj=11.9km s-min=10.2km az=86.4

NOU 13 06:07:29.5; 20.29S; 173.15W, h10km, mb4.7/18, Tonga Islands

ISC 13 06:07:27.3; 0.5, 20.89S; 0.05; 173.68W; 0.06, h27km, 3km, h27km; PP-P, N602, 19127/581, mb5.0/63, MS4.4/55, 47C-51Z, Tonga Islands

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like NIUE Niue, AFI Afiamalu, MSVF Nonsavu, etc.

TRN 13 05:55:47.0; 0.3, 46.3N; 150.14W, h5km, MD4.1, North of the Paria peninsula.

FUNV 13 05:55:31.1; 11.10N; 62.02W, h14km, MW3.7, Presumed earthquake

ISC 13 05:55:29.2; 1.9, 11.09N; 0.06; 62.13W; 0.10, h8km; 11km, m29, r1315Z, Windward Islands

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like DMDM Guralp CMGSTDE, PSMG Mucurapo Girls, PSQH Port of Spain, etc.

13d 6h

Table with columns for station code, name, elevation, frequency, and other technical details. Includes stations like KHZ Kahutara, JZC Jackson Bay, HNR Honiara, etc.

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Table with columns for station code, name, elevation, frequency, and other technical details. Includes stations like CHGN Chignik, SKJI Sukabumi, YSS Yuzhno-Sakhalii, etc.

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Table with columns for station code, name, elevation, frequency, and other technical details. Includes stations like GLI Glacier Island, GAMB Gambell, BGLC Bering Glacier, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like G16K, PAX, HYT, M26K, PDAR, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like LIRD, K29M, RD0G, I26K, G22K, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Mode, and other parameters. Includes stations like CMAR, CMAR, CMAR, YKA, C36M, etc.

Table of station data for 13d 7h, including columns for station name, coordinates, and various parameters like SNR and frequency.

Table for IDC 13 06:23:28.2-1.9, 0.66S-127.45E, h0km, mb3.3/4, including station names and coordinates.

Main table of station data for 2020 JUN, listing stations like MKAR, KURBS, OSPL, and others with their respective parameters.

Table for IDC 13 07:03:57.9-4.2218Sx119.83E, h0km, mbmtmp3.1/2, including station names and coordinates.

Table of station data for ASAR, I07AU, WRA, and other stations, including columns for station name, coordinates, and parameters.

Table with columns for station name, frequency, power, and other technical details. Includes stations like SARH Santa Rosa de Arriaga, CARR Arriaga, TGIG TIGI, PACAY Pacayal, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ABTX comp=Z,21nm,1.0s, LPIG La Paz, SDV Santo Domingo, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like K29M Barlow Dome, C36M Paulatuk, J30M Hart River, etc.

F25K	Christian River	64.14 340	P	P	09 05 06.4	0.0
CHIR	Chirikof Islan	64.19 326	P	P	09 05 07.1	+0.4
G24K	Hadweezic Riv	64.34 339	P	P	09 05 08.1	+0.5
I23K	Minto, Yukon-K	64.36 337	P	P	09 05 08.2	+0.5
E25K	Arcic Village	64.37 340	P	P	09 05 08.1	+0.2
C27K	Jago River	64.57 342	P	P	09 05 09.2	+0.2
Q18K	Katmai Hardscr	64.61 329	P	P	09 05 09.7	+0.1
PPLA	Purkeypile	64.65 334	P	P	09 05 09.7	-0.1
M20K	Styx River	64.71 333	P	P	09 05 10.7	+0.5
H23K	Yukon River	64.72 337	P	P	09 05 10.8	+0.7
O19K	Port Alsworth	64.72 331	P	P	09 05 10.4	+0.2
CAST	Castle Rocks	64.79 334	P	P	09 05 10.4	-0.2
MLY	Manley	64.85 336	P	P	09 05 11.4	+0.4
F24K	Squaw Lake	64.86 339	P	P	09 05 11.6	+0.6
P16K	Big Mountain,	64.93 330	P	P	09 05 12.2	+0.6
Q17K	Contact Creek	64.95 328	P	P	09 05 12.0	+0.2
N19K	Bonanza Creek	64.99 331	P	P	09 05 12.3	+0.3
R17L	Mt. Peulik Vol	65.03 328	P	P	09 05 13.0	+0.7
O18K	Koktuh Hills	65.05 330	P	P	09 05 13.2	+0.9
CHUM	Lake Minchum	65.05 335	P	P	09 05 13.1	+0.8
C26K	Camden Bay	65.08 342	P	P	09 05 13.2	+0.8
D25K	Kavik River	65.22 341	P	P	09 05 13.9	+0.5
G23K	Bananza Creek	65.26 338	P	P	09 05 13.9	+0.2
M19K	Big River Lodg	65.28 332	P	P	09 05 14.4	+0.6
E24K	Your Creek	65.32 340	P	P	09 05 14.6	+0.6
I21K	Tanana	65.39 336	P	P	09 05 14.9	+0.5
H22K	Ishaitina Cre	65.43 337	P	P	09 05 15.2	+0.4
Q16K	King Salmon	65.45 329	P	P	09 05 15.3	+0.4
P17K	Kvichak River	65.47 329	P	P	09 05 15.2	+0.2
L19K	White Mountain	65.58 333	P	P	09 05 16.4	+0.7
K20K	Telida	65.61 334	P	P	09 05 16.1	+0.2
N18K	Kilae Creek	65.61 331	P	P	09 05 15.7	-0.2
E23K	Chandalar	65.69 340	P	P	09 05 16.7	+0.2
M18K	Stony River	65.81 332	P	P	09 05 17.5	+0.3
CHGN	Chignik	65.83 326	P	P	09 05 18.2	+0.8
G22K	Bettles	65.89 338	P	P	09 05 18.2	+0.6
H21K	Melozitna Rive	65.93 337	P	P	09 05 18.2	+0.5
J20K	Nowinta River	65.91 335	P	P	09 05 17.8	0.0
D24K	Happy Valley	65.91 341	Iamb	Iamb	09 05 18.8	+1.0
D24K	Happy Valley	65.91 341	P	P	09 05 18.6	+0.8
TOLK	Toolik Lake Re	65.93 340	P	P	09 05 18.4	+0.4
C24K	Franklin Bluff	66.13 341	P	P	09 05 19.7	+0.6
N17K	Nushagak Hills	66.18 331	P	P	09 05 20.3	+0.7
CHNA	Chernabura Isl	66.19 324	P	P	09 05 20.1	+0.3
P16K	Nushagak River	66.21 329	P	P	09 05 20.3	+0.6
I20K	Naaghedeneel	66.25 335	P	P	09 05 20.2	+0.2
F22K	John River	66.36 339	P	P	09 05 21.0	+0.4
O16K	Kokwok River B	66.39 329	P	P	09 05 21.7	+0.8
L18K	Granite Mounta	66.41 332	P	P	09 05 21.1	0.0
D23K	Nanushuk River	66.43 340	P	P	09 05 21.1	0.0
S14K	Fog Glacier	66.44 326	P	P	09 05 21.9	+0.4
J19K	Poorman	66.47 334	P	P	09 05 21.9	+0.5
G21K	Allakaket	66.47 337	P	P	09 05 21.8	+0.4
E22K	Anaktuvuk Pass	66.47 339	P	P	09 05 21.7	+0.2
M17K	Holitna River	66.53 331	P	P	09 05 21.8	-0.1
H20K	Anoteneega Mo	66.64 336	P	P	09 05 22.6	+0.1
F21K	Alatna River	66.72 338	P	P	09 05 24.1	+1.1
F21K	Alatna River	66.72 338	P	P	09 05 23.3	+0.4
C23K	Itkillik River	66.78 341	P	P	09 05 24.0	+0.7
SDPT	Sand Point	66.79 325	P	P	09 05 23.6	0.0
N16K	Nishik Lake	66.93 330	P	P	09 05 24.4	-0.1
L17K	Donlin	67.11 332	P	P	09 05 26.5	+1.0
M16K	Timber Creek	67.15 331	P	P	09 05 26.3	+0.5
O15K	Ungalikthiuk R	67.16 329	P	P	09 05 26.6	+0.7
C25K	Galena City Sc	67.21 335	P	P	09 05 26.6	+0.5
K17K	Iditarod	67.26 333	P	P	09 05 27.0	+0.5
H19K	Roundabout Mou	67.28 336	P	P	09 05 26.8	+0.4
E21K	Kilik River	67.33 339	P	P	09 05 27.5	+0.6
F20K	Avaaraat Lake	67.48 338	P	P	09 05 28.1	+0.3
N15K	Kwethluk River	67.50 330	P	P	09 05 28.6	+0.5
L16K	Owhat River	67.55 332	P	P	09 05 28.8	+0.5
G19K	Purcell Mounta	67.71 336	P	P	09 05 29.6	+0.4
J17K	VABM Dome	67.78 333	P	P	09 05 30.4	+0.6
B22K	Teshkekup Lake	67.86 341	P	P	09 05 30.2	+0.1
C21K	Knifeblade Rid	67.87 340	P	P	09 05 30.7	+0.5
M15K	Kasiglik River	67.90 330	P	P	09 05 31.0	+0.5
O14K	Tigykauivut M	67.91 329	P	P	09 05 31.5	+0.9
H18K	Honhosa River	67.94 335	P	P	09 05 31.8	+1.1
H18K	Honhosa River	67.94 335	P	P	09 05 31.0	+0.3
B21K	Ikpik River	67.98 340	P	P	09 05 30.9	0.0
E20K	Nigu River	68.04 339	P	P	09 05 31.8	+0.4
E19K	Redstone River	68.16 338	P	P	09 05 32.3	+0.2
F19K	Shaleruckik Mo	68.18 337	P	P	09 05 32.8	+0.6
N14K	Kuskokwak Cree	68.24 329	P	P	09 05 33.5	+0.8
G18K	Tagagawik	68.25 336	P	P	09 05 33.4	+0.7

D20K	Etivluk River	68.34 339	P	P	09 05 33.8	+0.6
FALS	False Pass	68.39 324	P	P	09 05 34.3	+0.6
J16K	Anvik River	68.42 333	P	P	09 05 34.1	+0.3
L15K	Ungalik Mounta	68.48 331	P	P	09 05 35.2	+1.0
H17K	Granite Mounta	68.51 335	P	P	09 05 35.2	+0.8
M14K	Bethel	68.53 330	P	P	09 05 35.4	+1.0
A22K	Sinclair Lake	68.59 342	P	P	09 05 35.3	+0.6
I17K	Unalakleet	68.60 334	P	P	09 05 35.7	+0.9
K15K	Wolf Creek Mou	68.63 332	P	P	09 05 35.5	+0.4
D19K	Kuna River	68.80 339	P	P	09 05 36.5	+0.5
F18K	Selawik	68.83 337	P	P	09 05 36.7	+0.5
B20K	Meade River	68.94 340	P	P	09 05 37.5	+0.6
G17K	Kiwalik Mounta	68.95 335	P	P	09 05 37.7	+0.7
M13K	Dall Lake	69.14 330	P	P	09 05 38.9	+0.7
A21K	Barrow	69.21 342	P	P	09 05 39.3	+0.9
E18K	Tukuhlearik C	69.40 337	P	P	09 05 40.2	+0.4
F17K	Baldwin Pennin	69.41 336	P	P	09 05 40.6	+0.7
H16K	Elim	69.42 334	P	P	09 05 40.6	+0.7
BORG	Borgarnes	69.45 26 LR	LR	LR	09 36 53.8	
C19K	Lookout Ridge	69.48 339	P	P	09 05 41.0	+0.7
G16K	Koyuk River	69.63 335	P	P	09 05 41.4	+0.2
E17K	Hotham Inlet	69.78 337	P	P	09 05 42.6	+0.5
C18K	Utukok River	69.92 339	P	P	09 05 42.9	-0.2
K13K	Kusilvak Mount	70.01 331	P	P	09 05 43.9	+0.3
UNV	Unalaska Valle	70.09 323	P	P	09 05 44.3	+0.1
G15K	Niukluk	70.24 335	P	P	09 05 45.0	0.0
A19K	Wainwright	70.28 340	P	P	09 05 45.0	-0.1
D17K	Noatak River	70.39 337	P	P	09 05 46.1	+0.2
M11K	Mekoryuk	70.54 330	P	P	09 05 47.2	+0.3
C17K	DeLong Mountai	70.59 338	P	P	09 05 47.1	-0.1
F15K	North Star Dit	70.62 335	P	P	09 05 47.5	+0.2
ANM	Nome	70.73 334	P	P	09 05 48.1	0.0
F14K	Arctic Creek	71.27 335	P	P	09 05 51.6	+0.3
C16K	Lisburne Hills	71.34 338	P	P	09 05 52.1	+0.4
TNA	Tin City	71.94 335	P	P	09 05 55.6	+0.4
SPIA	Saint Paul Isl	72.40 326	P	P	09 05 58.3	+0.2
GAMB	Gambell	73.41 333	P	P	09 06 04.1	+0.1
JMIC	Jan Mayen	75.02 20 LR	LR	LR	09 39 32.9	
EKA	Eskalearm Arr	78.16 36 P	P	P	09 06 28.2	-3.1
NOA	NORSAR Array B	84.37 28 LR	LR	LR	09 42 41.4	
DAVOX	Davos/Dischmat	87.99 42 LR	LR	LR	09 45 11.0	
WRA	Warramunga Arr	135.50 255 PKP	PKP	PKP	09 13 53.5	+0.4
ASAR	Saint Springs	135.73 250 PKP	PKP	PKP	09 13 53.9	+0.3
CMAR	Chiang Mai Arr	146.40 341 PKP	PKP	PKP	09 14 14.3	+0.3

UCR 13 08:58:38.6±1.2, 6.58N-82.59W, h20km, 999km, MW4.2, Presumed earthquake
 UPA 13 08:58:43.6±1.3, 6.89N-82.71W, h25km, 15km, MW3.7, Presumed earthquake
 CATAC 13 08:58:45.8±0.7, 7°N±4.8'W, h21km, 8km, M4.3/23, mb4.5/8, MLV4.2/23, Error ellipse: s-maj=10.0km
 s-min=3.5km az=20.8, confirmed
 ISC 13 08:58:43.6±1.7, 6.84N±0.07, 82.62W±0.04, h33km±10km, n114, s1846/132, 4C-5Z, South of Panama

Code	Station Name	Δ°	ΔZ	Phase ID	Time Res
					h m s ISC
LMNES	Limonas	1.27 349	eP	Pb	08 59 08.9 +1.9
LMNES	Limonas	1.27 349	eS	Pb	08 59 24.0 +0.9
LMNES	Limonas	1.27 349	eP	Pb	08 59 08.9 +1.9
LMN03	Limonas	1.28 349	eP	Pb	08 59 03.8 -1.3
LMN03	Limonas	1.28 349	eS	Pb	08 59 15.1 -0.5
PTPA	Petro Terminal	1.37 349	eP	Pn	08 59 05.2 -1.3
PTPM	Petroterminal	1.38 349	eP	Pn	08 59 05.2 -1.4
PVID3	Puerto Vidal,	1.56 40	Op	Sn	08 59 21.8 -1.9
LES3P	La Esperanza,	1.56 354	eP	Pn	08 59 08.8 -0.3
LES3P	La Esperanza,	1.56 354	eS	Pn	08 59 12.0 -1.2
CHIR3	Chiriqui UPA,	1.57 10	eP	Pn	08 59 09.2 0.0
CHIR3	Chiriqui UPA,	1.57 10	eS	Pn	08 59 28.0 -0.4
LOC03	Loma Colorada,	1.57 7	eP	Pn	08 59 08.9 -0.3
LOC03	Loma Colorada,	1.57 7	eS	Pn	08 59 28.0 -0.4
DVD	David	1.59 6	eP	Pn	08 59 08.5 0.0
BAGA3	Bagala, Chiriq	1.62 3	eP	Pn	08 59 10.0 +0.2
BAGA3	Bagala, Chiriq	1.62 3	eS	Pn	08 59 28.7 -0.9
GMAL	Guarumal, Vera	1.65 56	S	Pn	08 59 25.9 -4.5
GMAL	Guarumal, Vera	1.65 56	eP	Pn	08 59 04.6 -5.6
GMAL	Guarumal, Vera	1.65 56	eP	Pn	08 59 05.1 -5.2
BGUAL	Bijagual, Pana	1.68 10	eP	Pn	08 59 14.0 +0.5
BGUAL	Bijagual, Pana	1.68 10	eS	Pn	08 59 31.3 +0.1
BGUAL	Bijagual, Pana	1.68 10	eP	Pn	08 59 10.5 -0.2
PIRO	Carate, Puerto	1.71 335	P	Pn	08 59 11.8 +0.7
PIRO	Carate, Puerto	1.71 335	S	Pn	08 59 31.5 -0.3
CDITO	Canoas	1.74 352	P	Pn	08 59 12.0 +0.4
CDITO	Canoas	1.74 352	S	Pn	08 59 31.7 -0.1
JEFFS	S de V. Baru	1.82 31	iP	Pn	08 59 11.4 -1.3
JEFFS	S de V. Baru	1.82 31	eP	Pn	08 59 33.8 -0.9
JEFFS	S de V. Baru	1.82 31	eP	Pn	08 59 11.0 -1.7
NELY	Ciudad Nely,	1.83 50	eP	Pn	08 59 12.1 -0.7
RSUS3	Rio de Jesus,	1.84 352	eP	Pn	08 59 13.2 +0.1
RSUS3	Rio de Jesus,	1.84 352	eS	Pn	08 59 36.8 +1.8
PTAR3	Potrerrillos Ar	1.84 4	eP	Pn	08 59 13.6 +0.5
PTAR3	Potrerrillos Ar	1.84 4	eS	Pn	08 59 35.8 +0.5
EDAD	Golfito	1.88 343	eP	Pn	08 59 12.3 -1.2
CLLRA	Cordillera,	1.89 0	eP	Pn	08 59 13.6 -0.2
CLLRA	Cordillera,	1.89 0	eS	Pn	08 59 13.0 +0.5
CLLRA	Cordillera,	1.89 0	eP	Pn	08 59 13.7 0.0
BQSF3	Alto Boquete,	1.90 5	eP	Pn	08 59 13.8 0.0
BQTL	Boquete Panama	1.91 5	iP	Pn	08 59 14.0 0.0
BQTL	Boquete Panama	1.91 5	eP	Pn	08 59 37.3 +0.2
BRU2	Volcan	1.94 358	eP	Pn	08 59 13.5 -0.6
BRU2	Volcan	1.94 358	eS	Pn	08 59 14.4 -0.1
BRU2	Volcan	1.94 358	eP	Pn	08 59 37.4 -0.4
BRU2	Volcan	1.94 358	eP	Pn	08 59 14.4 -0

Table with columns: TISM, Timmit, Δ, Az, P, S, Pn, Time, Res. Includes stations like EADA Adamuz, EPLA Placencia, EPLA Moncorvo.

NEIC 13 09:36:06.1±1.3, 17.88N, 0.03:66.93W, 0.01, h10km, 1km, ML3.8/39, Md3.5/21(RSPR), Error ellipse: s-maj=5.0km s-min=2.6km az=11.0

PTWC 13 09:36:06.17:90N:66.90W, M13.9/17, PUERTO RICO REGION

OSPL 13 09:36:06.7±0.4, 17.86N:66.95W, h9km, 3km, ML4.1, Presumed earthquake

RSPR 13 09:36:07.1, 17.94N:66.95W, h11km, MD3.5/21

ISC 13 09:36:05.2±0.9, 17.85N:0.04:66.93W, 0.02, h17km, 5km, n82, e156/115, 1C-13, Puerto Rico region

Main table for Puerto Rico region with columns: Code, Station Name, Δ, Az, P, S, Pn, Time, Res. Includes stations like GBPR Guanica, MLPR Magueyes, CRPR Cabo Rojo, etc.

Table with columns: SDDR, IAML, Time, Res. Includes stations like MBWH Windy Hill, ANWB Willy Bob, DHZS Broadband at M, etc.

AUST 13 09:43:59.7±0.2, 34.5°S, 113°9'E, h10km, ML2.9/13, Error ellipse: s-maj=3.9km s-min=2.6km az=78.2

IDC 13 09:44:04.1±5.8, 33.31S:138.59E, h0km, mbmtmp2.8/3, ML3.1/3, Error ellipse: s-maj=6.2km s-min=2.2km az=7.0

ISC 13 09:43:58.5±1.3, 33.86S:0.03:138.65E, 0.04, h19km, 4km, n23, e227/40, Near coast of South Australia

Main table for South Australia region with columns: Code, Station Name, Δ, Az, P, S, Pn, Time, Res. Includes stations like HHT Hallett, AUUCS Jamestown Cent, NAPP Napperby, etc.

NEIC 13 09:55:54.3±1.2, 17.86N, 0.03:66.94W, 0.02, h10km, 1km, ML3.5/37, Md3.4/23(RSPR), Error ellipse: s-maj=4.9km s-min=2.8km az=17.0

OSPL 13 09:55:54.9±0.3, 17.85N:66.95W, h10km, 3km, ML3.7, Presumed earthquake

RSPR 13 09:55:55.3, 17.94N:66.95W, h13km, MD3.4/23

PTWC 13 09:55:55.17:90N:66.90W, M13.7/16

ISC 13 09:55:54.9±0.9, 17.90N:0.04:66.95W, 0.02, h17km, 4km, n64, e131/93, 10C-7D, Puerto Rico region

Main table for Puerto Rico region (continued) with columns: Code, Station Name, Δ, Az, P, S, Pn, Time, Res. Includes stations like Code Station Name, Δ, Az, P, S, Pn, Time, Res.

Table with columns: AOPR, IAML, Time, Res. Includes stations like AOPR Arcobio Observ, AOPR Arcobio Observ, AGPR Aguadilla, PR, etc.

ISC 13 10:01:38.6±0.7, 36.37N:141.62E, h0km, mb3.8/13, mbtmp3.8/17, ML3.5/4, MS3.2/8, Error ellipse: s-maj=17.6km s-min=14.5km az=107.0

NIED 13 10:01:41.7±36.24N:141.56E, h53km, MW3.9, Moment Tensor Solution, s3 Moment tensor, Scale 10^14Nm

Mw: 1.2, Mw0.82: Mw0.494, Mw2.57: Mw5.85; Fault plane solution: Mb: 18000x10^14 NP1: φ±200.0000°, δ19.00000°, λ86.00000°, NP2: φ±24.00000°, δ71.00000°, λ91.00000°

JMA 13 10:01:41.7±0.3, 36.22N:141.62E, h53km, 4km, MV3.9/36, FAR E OFF IBARAKI PREF

NEIC 13 10:01:44.8±1.2, 36.43N:0.07:141.5E, 0.1, h35km, 2km, mb4.2/7, Error ellipse: s-maj=21.0km s-min=3.7km az=121.0

ISC 13 10:01:42.3±0.7, 36.28N:0.05:141.61E, 0.07, h26km, n66, e157/53, mb4.0/18, MS3.3/5, SD, Near east coast of eastern Honshu

Main table for Honshu region with columns: Code, Station Name, Δ, Az, P, S, Pn, Time, Res. Includes stations like JHYU Hitachinakayama, JHO Hitachi, JIHU Itakohinouch, etc.

JOTO OTAMA OVAMA 1.63 322 P Pn 10 02 09.8 +0.5

JMM Marumori 1.71 338 P Pn 10 02 10.2 -0.2

JAG Ashikaga 1.74 275 P Pn 10 02 09.7 -1.2

JFY Yanaizu 1.89 307 P Pn 10 02 13.3 +0.4

JKT Kataishi 1.96 285 P Pn 10 02 13.7 -0.2

JRY Kawachi 1.23 332 P Pn 10 02 03.7 -0.7

IMJ Matsumuro Arr 2.75 276 Pn 10 02 24.5 -0.3

2.1nm, 0.3s, baz=94, slow=20, SNR=2.4

2.1nm, 0.3s, baz=8.8, slow=20, SNR=27

comp=Z, 2.252nm, 18.6s, baz=66, slow=46 26nm, 0.5s

MJAT Matsushiro Arr 2.75 276 Pn 10 02 25.4 +0.7

MJAO Matsushiro 2.75 276 P Pn 10 02 25.5 +0.7

MJBS Matsu-Tunnel 2.76 276 Pn 10 02 26.4 +1.6

JSG Sagara 3.22 241 Pn 10 02 32.5 +1.3

JHJ Mitsune 3.49 205 Pn 10 02 34.5 -0.3

JHJ Hachijo jima 2 3.50 206 Pn 10 02 34.7 -0.3

69nm, 0.3s, baz=8.8, slow=20, SNR=27

59nm, 0.3s, baz=114, slow=21, SNR=10 101nm, 0.3s

JGF Kuroka 3.52 260 P Pn 10 02 37.4 +2.2

JIN Inuyama 3.84 257 P Pn 10 02 41.3 +1.6

JIN Inuyama 3.84 257 P Pn 10 02 40.9 +1.2

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like CEDE Laguna Cedee, CMARA Lajas Hojanca, VMAR Armenia, Voica, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like USRK Ussuriysk Arr, KSRS Korea Array, KLR Kuldur, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like ACDV Cuesta del Vie, MT02 Curacav, MT02 Curacav, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IDC 13 10:36:11.3, NIED 13 10:36:17.0, JMA 13 10:36:17.0, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like SJA 13 10:37:01.7, GUC 13 10:37:02.8, RTLS Leoncito, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res, ISC. Includes stations like IDC 13 10:46:58.2, NEIC 13 10:47:02.3, NIED 13 10:47:03.5, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Denpasar, Rangdo, Negare, Jagaj, Banyuwa, etc.

REN 13 11:33:19.8 ± 1.1, 38°04'N, 0°00'W, 118°23'W, 0.01, 1.7km, 4km, Error ellipse: s-maj=1.7km s-min=1.1km z=60.0

NEIC 13 11:33:20.0 ± 1.2, 38°09'N, 0°02'W, 118°22'W, 0.008, 1.0km, 2km, ML3.3/182, ML3.6/11(REN), Error ellipse: s-maj=3.0km s-min=2.6km az=343.0, California-Nevada border region

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Columbus, Little Huntoon, Mina Array Sit, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Queen of Sheba, Queen of Sheba, Queen of Sheba, etc.

AEIC 13 11:43:32.3 ± 2.0, 51°15'N, 0°05'W, 178°33'W, 0.05, h42km, 4km, Error ellipse: s-maj=7.6km s-min=4.3km az=184.0

IDC 13 11:43:33.9 ± 1.6, 51°39'N, 178°35'W, h41km, 12km, mb4.5/38, mbmp4.7/43, ML4.9/4, MS4.2/80, Error ellipse: s-maj=12.8km s-min=7.9km az=159.0

BUI 13 11:43:33.5 ± 0.9, 51°34'N, 178°35'W, h40km, mb5.1/23, mb5.2/72, MS4.7/42, MS7.4/45

MOS 13 11:43:33.5 ± 0.9, 51°34'N, 178°35'W, h51km, mb5.2/62, MS4.3/14, Error ellipse: s-maj=8.1km s-min=4.8km z=111.0

NEIC 13 11:43:34.0 ± 1.5, 51°24'N, 0°06'W, 178°39'W, 0.04, h45km, 3km, mb5.1/85, ML5.1/14, MW5.0/22, Error ellipse: s-maj=8.2km s-min=3.9km az=175.0

NEIC 13 11:43:34.6 ± 1.5, 29°N, 178°37'W, h47km, GCMT 13 11:43:35.1 ± 0.2, 51°17'N, 0°02'W, 178°25'W, 0.02, h36km, MW5.0/15, Moment Tensor Solution. s74,c95; s115,c178; Duration: 0 Moment tensor: Scale 10^16Nm; Mn:3.48e-14; Mb:3.19e-10; Mw:0.28e-09; Mo:2.11e-11; Mv:1.63e-06; Mv:1.82e-10; Best double couple: Mw:6.40000e+10 Np1:258.00000; s28.00000; 2.170.00000; NP2:355.00000; s64.00000; 7.80.00000; Principal axes: T 4.4850; Pg 70.0000; Azm304.0000; N 0.3120; P168.0000; Azm60.0000; P -4.7960; P1g18.0000; Azm153.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 13 11:43:37.1, 50°58'N, 178°53'W, h40km, Moment Tensor Solution. Duration: 186 Moment tensor: Scale 10^16Nm; Mn:2.82; Mb:2.99; Mw:0.17; Mo:1.26; Mv:1.34; Mv:1.41; Fault plane solution: Ms3.72000e+10 Np1: 267.92000; s83.68000; 1.19.240000; NP2: 53.98000; s61.06000; 1.71.970000; Principal axes: T 3.4982; P1g69.0000; Azm287.0000; N 0.4048; P1g16.0000; Azm63.0000; P -3.9030; P1g14.0000; Azm157.0000;

ISC 13 11:43:34.2 ± 0.4, 51°23'N, 0°05'W, 178°36'W, 0.02, h46km, 2km, h46km, P, n112, t113/906, mbs.1/382, MS4.2/118, 40C-45D, Andreanof Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, Residual Error. Includes stations like Gareloi-Kavalg, Gareloi Lava P, Tanaga Flats, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like CHIR Chirikof Island, R17L Mt. Peulik Vol, N16K Nishik Lake, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like CAST Castle Rocks, RC01 Rabbitt Creek A, M22K Willow, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like PAX Paxson, N25K Paxson, ILAR Elision Array, etc.

Table with columns: Call Sign, Name, Time, Az, El, P, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes entries like C27K Jago River, E27K Coleen River, P30M Million Dollar, etc.

Table with columns: Call Sign, Name, Time, Az, El, P, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes entries like A36M Sachs Harbour, KLR Kul'dur, ZEA Zeya, etc.

Table with columns: Call Sign, Name, Time, Az, El, P, R, S, T, U, V, W, X, Y, Z, and other parameters. Includes entries like KSRS comp=Z,2.3nm,1.0s, baz=62,slow=3.5,SNR=4.8, KS19 Wonju Array Si, etc.

SRU	San Rafael Swe	47.70	77	I	Amb	I	Amb	11 52 17.5
GUMO	Guam	47.83	232	LR	LR			12 10 22.3
K22A	Casper	47.97	71	I	Amb	I	Amb	11 52 09.6
HHC	Hu-ho-hao-te	47.99	286	eP	P	S	S	11 52 09.4 +1.0
HHC				S	S	sS	sS	11 59 01.8 -1.2
HHC				sS	sS	pmax	pmax	11 59 22.3 -0.5
HHC						pmax	pmax	
HHC						LR	LR	
HHC						LR	LR	
HHC						LR	LR	
HNS	HongShan	48.20	281	↑P	P			11 52 10.8 +0.9
HNS						pmax	pmax	
HNS						LR	LR	
HNS						LR	LR	
HNS						LR	LR	
HNS						LR	LR	
HNS						LR	LR	
U15A	North Rim	48.29	81	I	Amb	I	Amb	11 52 29.0
HMU	Henry Mountain	48.29	78	I	Amb	I	Amb	11 52 13.8
RSSD	Black Hills	48.56	68	P	P			11 52 12.7 -0.2
RSSD				I	Amb	I	Amb	11 52 14.0
RSSD				P	P			11 52 12.7 -0.2
RSSD				pmax	pmax			
RSSD				P	P			11 52 13.2 +0.3
RSSD				pP	pP			11 52 25.4 +0.5
RSSD				PcP	PcP			11 53 38.4 +0.4
HAYD	Hayden	48.82	73	I	Amb	I	Amb	11 52 25.1
PV21	Cone Mtn., Par	48.99	77	I	Amb	I	Amb	11 52 33.0
BT02	Baotou	49.08	287	eP	P			11 52 17.9 +1.2
BT02				sP	sP			11 52 30.1 +1.1
BT02				S	S			11 59 16.8 -1.5
BT02				S	S			11 59 38.4 +0.3
BT02				sS	sS			12 02 43.0 -6.3
BT02				pmax	pmax			
BT02						pmax	pmax	
BT02						LR	LR	
BT02						LR	LR	
BT02						LR	LR	
NJ2	Nanjing	49.09	272	eP	P			11 52 16.8 0.0
NJ2				pmax	pmax			
PV22	Blue Mesa, Par	49.12	76	I	Amb	I	Amb	11 52 29.6
PV04	Paradox Valley	49.13	77	I	Amb	I	Amb	11 52 19.0
PV16	Nyswonger Mesa	49.18	77	I	Amb	I	Amb	11 52 20.0
PV05	Paradox Valley	49.21	77	I	Amb	I	Amb	11 52 35.8
PV03	Paradox Valley	49.26	77	I	Amb	I	Amb	11 52 20.5
PV07	Paradox Valley	49.26	76	I	Amb	I	Amb	11 52 24.3
PV15	Paradox Valley	49.42	76	I	Amb	I	Amb	11 52 21.8
PV01	Paradox Valley	49.50	77	I	Amb	I	Amb	11 52 21.9
ULM	Lac du Bonnet	49.54	57	P	P			11 52 19.3 -0.7
ULM				LR	LR			12 13 15.3
KBS	Kingsbay	49.96	357	eP	P			11 52 23.0 +0.2
MVCO	Mesa Verde	50.13	78	I	Amb	I	Amb	11 52 42.5
KNGR	Kungturgut, Tuv	50.19	304	↑P	P			11 52 26.4 +1.3
ISCO	Idaho Springs	50.25	73	I	Amb	I	Amb	11 52 29.7
SPA0	Spitsbergen Ar	50.55	356	eP	P			11 52 26.3 -1.0
SPITS	Spitsbergen Ar	50.55	356	P	P			11 52 26.4 -1.0
SPITS				LR	LR			12 14 54.6
SPB2	Spitsbergen Ar	50.55	356	P	P			11 52 26.5 -0.8
AGMN	Agassiz Nation	50.68	59	I	Amb	I	Amb	11 52 29.8
EPL0	Experimental L	51.00	56	I	Amb	I	Amb	11 52 32.1
LYN	LuoYang	51.42	279	P	P			11 52 35.1 +0.7
LYN				pP	pP			11 52 51.0 -1.0
SDCO	Great Sand Dun	51.62	75	I	Amb	I	Amb	11 52 40.3
F30A	5 Mile Ranch,	51.93	62	I	Amb	I	Amb	11 52 38.7
KSCO	Kaye Shedlock	52.54	72	I	Amb	I	Amb	11 52 53.5
T25A	Trinidad	52.67	75	I	Amb	I	Amb	11 52 48.0
ANMO	Albuquerque	52.86	78	LR	LR			12 12 33.3
ANMO				P	P			11 52 45.7 +0.4
ANMO				P	P			11 52 45.7 +0.4
ANMO				pmax	pmax			
ANMO				P	P			11 52 46.1 +0.8
ANMO				x	x			11 52 54.4
ANMO				x	x			11 53 02.0
WHN	Wuhan	52.94	274	↑P	P			11 52 45.9 +0.2
WHN				pmax	pmax			
FRB	Frobisher Bay	53.01	32	LR	LR			12 18 32.1
ECSD	EROS Data Cent	53.05	64	I	Amb	I	Amb	11 52 46.6
Y22A	Socorro	53.21	80	I	Amb	I	Amb	11 53 11.8
EYMN	Ely	53.22	57	I	Amb	I	Amb	11 52 48.6
SUMG	Summit	53.38	14	P	P			11 52 49.0 +0.1
SUMG				I	Amb	I	Amb	11 53 33.8
SUMG				P	P			11 52 49.0 +0.1
SUMG				pmax	pmax			
SSLB	Suanguang	53.57	263	P	P			11 52 51.1 +0.7
SSLB				P	P			11 52 50.8 +0.4
YULB	Yu-li	53.64	262	P	P			11 52 51.4 +0.5
XAN	Xi'an	53.96	281	P	P			11 52 53.0 -0.2
XAN				pmax	pmax			
XAN				pmax	pmax			
XAN				LR	LR			
XAN				LR	LR			
XAN				LR	LR			
RTBA	Rita Blanca	54.15	75	I	Amb	I	Amb	11 52 58.1
SPMN	Marine on St.	54.23	60	I	Amb	I	Amb	11 52 56.3
ZALV	Zalesovo Beam	54.34	314	P	P			11 52 54.9 -0.7
ZALV				PcP	PcP			11 53 59.0 0.0
ZALV				LR	LR			12 17 11.5

ZALV	Zalesovo Beam	54.34	314	PcP	P			11 53 59.5 +0.5
ZALV				P	P			11 52 55.4 -0.2
I37A	Lemond, Waseca	54.67	62	I	Amb	I	Amb	11 52 59.8
EPT	El Paso	54.96	81	I	Amb	I	Amb	11 53 18.0
R32A	Long Quarter,	55.25	70	I	Amb	I	Amb	11 53 03.7
G40A	Rib Lake	55.61	59	I	Amb	I	Amb	11 53 05.6
SFJD	Kangerlussuaq	55.69	22	LR	LR			12 20 43.3
LZH	Lanzhou	55.69	287	eP	P			11 53 06.8 +0.9
LZH				pP	pP			11 53 20.3 +2.0
LZH				pmax	pmax			
LZH				pmax	pmax			
LZH				LR	LR			
LZH				LR	LR			
LZH				LR	LR			
LZH				LR	LR			
LNTH	Corundus	55.70	81	I	Amb	I	Amb	11 53 16.3
LNTH				I	Amb	I	Amb	11 53 07.9
AMTX	Amarillo	55.82	75	I	Amb	I	Amb	11 53 10.3
GTA2	Gaotai	55.86	292	eP	P			11 53 07.3 +0.3
GTA2				pmax	pmax			
GTA2				LR	LR			
GTA2				LR	LR			
GTA2				LR	LR			
LZDM	Lanzhou Array	55.87	287	P	P			11 53 07.4 0.0
LZDM				LR	LR			12 17 46.6
ENH	Enshi	56.17	278	I	Amb	I	Amb	11 53 09.8
TPB28		56.27	80	I	Amb	I	Amb	11 53 20.6
I40A	Maple Grove Fa	56.28	60	I	Amb	I	Amb	11 53 10.4
F42A	Maple Grove Fa	56.40	57	I	Amb	I	Amb	11 53 12.0
OK038	West End E0370	56.52	72	I	Amb	I	Amb	11 53 14.2
VHRN	Van Horn	56.58	81	I	Amb	I	Amb	11 53 29.3
TPB06	Permian Basin	57.08	79	I	Amb	I	Amb	11 53 19.7
DKNS	Dickens	57.11	76	I	Amb	I	Amb	11 53 19.6
JFWS	Jewell Farm	57.13	61	I	Amb	I	Amb	11 53 16.4
L40A	Anamosa	57.16	62	I	Amb	I	Amb	11 53 16.4
POST	Post	57.16	77	I	Amb	I	Amb	11 53 20.0
ODSA	Odessa	57.17	78	I	Amb	I	Amb	11 53 20.8
I42A	Dräger Farm	57.21	59	I	Amb	I	Amb	11 53 17.2
TPB01	Permian Basin	57.22	80	I	Amb	I	Amb	11 53 35.2
I29A	Stewart Farms	57.24	77	I	Amb	I	Amb	11 53 21.1
TPB05	Hovey Rd	57.51	80	I	Amb	I	Amb	11 53 38.8
SN07	Snyder 07	57.52	76	I	Amb	I	Amb	11 53 22.4
MNHN	Monahans	57.57	79	I	Amb	I	Amb	11 53 28.6
OK048	Pawnee Station	57.64	71	I	Amb	I	Amb	11 53 28.9
OK051	E0350 and S346	57.64	71	I	Amb	I	Amb	11 53 28.2
WMOK	Wichita Mounta	57.68	73	I	Amb	I	Amb	11 53 23.1
ALPN	Alpine	57.70	81	I	Amb	I	Amb	11 53 52.7
229A	Bryant Ranch,	57.73	78	I	Amb	I	Amb	11 53 24.5
APMT	Aspermont	57.83	76	I	Amb	I	Amb	11 53 24.4
JMIC	Jan Mayen	57.88	4	LR	LR			12 19 32.4
QUOK	Quay	57.94	71	I	Amb	I	Amb	11 53 22.7
LPIG	La Paz	57.96	91	LR	LR			12 12 50.2
E46A	Sault Ste Mari	57.98	55	I	Amb	I	Amb	11 54 15.6
FNO	Franklin	58.12	72	I	Amb	I	Amb	11 53 25.7
SGCY	Sterling City	58.18	77	I	Amb	I	Amb	11 53 27.1
ARA0	ARCES Array S	58.29	350	eP	P			11 53 22.4 -1.2
ARCES	ARCES Array B	58.29	350	P	P			11 53 22.2 -1.3
DEOK	Depew	58.29	71	I	Amb	I	Amb	11 53 26.6
X34A	Smith Ranch, M	58.34	73	I	Amb	I	Amb	11 53 27.7
TX31	Lajitas Ar. Si,	58.41	81	I	Amb	I	Amb	11 53 37.2
TXAR	Lajitas Array	58.41	81	P	P			11 53 25.4 +0.3

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KHC, VYHS, GRES, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BOJS, RAZG, BLSK, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MAW, POGA, LBMT, etc.

MAN 13 11:57:15.0, 3.43N:125:67E, h33km, MS3.9
DJA 13 11:57:17.9, 0.3, 4 N.3 x 12' 6E., h10km, M4, 6/18, mB5, 1/8,
mb4.9/12, MLv4.6/18, Mw(mB)4.4/8
NEIC 13 11:57:21.8, 1.8, 3.59N:0.06:125:65E:0.09, h62km, 8km,
mb4.7/104, Error ellipse: s-maj=13.5km s-min=9.3km
az=78.0
IDC 13 11:57:22.0, 1.6, 3:55N: 125:60E, h75km, 14km, mb3.9/19,
mb194/222, MS3.4/7, Error ellipse: s-maj=24.2km
s-min=9.0km az=79.0
ISC 13 11:57:18.7, 0.8, 3.52N:0.074:125:63E:0.08, h42km, 7km,
n384, t1905/343, mb4.7/74, MS3.5/4, Taloud Islands

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like SGGI, MNI, TMTI, etc.

13d 11h

Table with columns for station ID, name, coordinates, elevation, and performance metrics. Includes stations like JTM, USRK, H1S3, H1S1, H1S2, JKA, HEH, SONM, TLY, WMQ, PETK, MK31, MKAR, MA2, KURBB, KURK, KKX1, KKAR, TIXI, ATKA, AB31, ABKAR, UNV, GAMB, M11K, TNA, K13K, M13K, F14K, ANM, SDPT, L14K, L14K, L14K, L14K, O14K, CHNA, M14K, M14K, M14K, G15K, S14K, L15K, K15K, M15K, O15K, N15K, CHGN, G16K, J16K, J16K, I17K, D17K, L16K, L16K, N16K, M16K, M16K, C17K, P16K, E17K, O16K, F17K, G17K, H17K, H17K, J17K, J17K, L17K, K17K, K17K, E18K, E18K, Q16K, R17L, C18K, C18K, N17K, M17K.

2020 JUN

Table with columns for station ID, name, coordinates, elevation, and performance metrics. Includes stations like F18K, CHIR, P17K, H18K, Q17K, G18K, G18K, A19K, L18K, N18K, C19K, C19K, P18K, M18K, Q18K, GCSA, F19K, O18K, G19K, G19K, S19, D19K, H19K, E19K, E19K, L19K, L19K, N19K, N19K, O19K, O19K, OHAK, D20K, B20K, B20K, F20K, E20K, H20K, P19K, K20K, K20K, I20K, J20K, J20K, KDAK, A21K, M20K, M20K, Q20K, Q20K, C21K, G21K, G21K, B21K, B21K, E21K, A22K, F21K, HOM, PPLA, H21K, H21K, CHUM, VNSA, VNSA, CAST, CAST, SKT, SKT, I21K, CAPN, B22K, BRSE, F22K, L22K, H22K, E22K, E22K, G22K, G22K, MLY, MLY.

702

Table with columns for station ID, name, coordinates, elevation, and performance metrics. Includes stations like CUT, M22K, TRF, TRF, O22K, RC01, SEW, D23K, D23K, G23K, C23K, PMR, H23K, H23K, I23K, E23K, NEA2, NEA2, MCK, MCK, TOLK, RND, KNK, WAT1, SML, SML, D24K, C24K, E24K, E24K, M23K, WAT6, COLA, H24K, F24K, F24K, P23K, DHY, SCM, G24K, G24K, GLI, HDA, ILAR, Q23K, D25K, M24K, G25K, KLU, K24K, EYAK, F25K, E25K, PRP, PAX, J25K, C26K, RIDG, N25K, BRMR, F26K, C27K, C27K, G26K, G26K, SCRK, L26K, CRQE, MCARA, E27K, E27K, G27K, D27M, H27K, I27K, I27K, BCAR, M27K, MESA, F28M, E28M, BVCV, I28M, I28M.

Table with columns: ID, Name, Time, Res, etc. Includes stations like D28M Stokes Point, YUK3 Moose Creek, O28M Mount Upton, etc.

Main table with columns: ID, Name, Time, Res, etc. Includes stations like PFVI Vila Bisbo, PTEO Sao Teotonio, MORF Marneleite, etc.

Table with columns: Code, Station Name, Time, Res, etc. Includes stations like OSPL 13 11:59:40.8, NEIC 13 11:59:40.9, etc.

IGIL 13 11:58:27.2, 36°67'N, 12°43'W, h13km, ML2.5
MDD 13 11:58:27.9, 1.3, 36°77'N, 12°21'W, h19km, 55km, Mb4.0/5,
M, mb3.3/5, Error ellipse: s-maj=62.4km s-min=12.7km
az=64.0
INMG 13 11:58:29.3, 1.4, 36°67'N, 12°42'W, h44km, 86km, ML2.7,
Error ellipse: s-maj=9.1km s-min=5.9km az=87.0,
#DIST_RANGE: REGIONAL #PMA_REGION: Gorringe
CNRM 13 11:58:31.6, 36°38'N, 11°74'W, h50km, ML3.2
ISC 13 11:58:25.0, 3.0, 36°80'N, 08°12'W, 0.1, h10km, n61,
e183/99, 5C, Azores-Cape St. Vincent Ridge

VAO 13 12:04:09.2, 2.2, 25°41'S, 69°79'W, h40km, 10km, mb4.4,
Presumed earthquake
IDC 13 12:04:46.2, 4.1, 24°27'S, 67°04'W, h153km, 20km, mb3.6/2,
mbtmp4, 17, MS2.9/1, Error ellipse: s-maj=37.3km
s-min=17.1km az=108.0
SJA 13 12:04:46.5, 1.1, 24°25'S, 67°24'W, h186km, 6km, ML3.8,

Table with columns: MASC, comp=N, 14nm, 0.3s, IAML, 13 44 47.2, 13 44 21.3 -1.6, 13 44 47.4 +0.9, 2.19 158 i P, Pn, 13 44 27.2 -1.1, 13 44 55.0 +0.8, 13 44 59.3 +0.3, 13 45 00.6, 13 45 01.1, 2.80 265 eS, Sn, 13 45 01.6 +0.2, 3.43 275 eP, Pn, 13 45 15.3 -1.3, 13 45 18.3, 13 45 18.3, 13 45 18.3

ATH 13 13:50:40.7, 39.86N, 20.50E, h8km, 2km, ML2.6/8, Latitude uncertainty: 1 km; Longitude uncertainty: 1 km; THE 13 13:50:42.3, 40.1N, 1.2E, h0km, 1km, M2.5/20, MLh2.5/20 TIR 13 13:50:45.5, 39.75N, 20.42E, h6km, 1km, M12.4/2 ISC 13 13:50:42.5, 1.39, 86N, 0.03, 20.62E, 0.02, h5km, 10km, n39, o99/56, Greece-Albania border region

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res, JAN Janina, 0.28 138 P, P, 13 50 57.4 -0.2, 13 50 52.1 +0.6, 13 50 47.4 -0.4, 13 50 52.0 +0.6, 13 50 57.4 -0.9, 13 50 50.2 +0.1, 13 50 59.0 +0.6, 13 50 50.1 0.0, 13 50 58.9 +0.5, 13 50 51.4 +0.3, 13 50 59.0 -0.9, 13 50 52.8 -0.5, 13 50 59.3 -1.2, 13 50 52.8 -0.5, 13 51 02.7 +2.1, 13 50 51.9 -0.1, 13 50 59.8 +1.2, 13 50 52.0 -0.1, 13 50 59.9 +1.4, 13 50 53.0 +0.5, 13 51 02.7 +1.1, 13 51 02.1 +0.8, 13 50 53.4 -0.3, 13 51 02.7 +1.4, 13 50 54.7 -0.1, 13 50 54.8 -0.1, 13 51 04.4 -0.2, 13 51 07.5, 0.6nm, 0.8s, 0.64 31 P, P, 13 50 55.0 +0.1, 0.65 257 S, Sb, 13 51 03.8 -0.2, 0.65 257 P, P, 13 50 55.1 -1.2, 13 51 03.5 -2.0, 0.73 135 P, P, 13 50 56.0 -0.3, 0.73 135 P, P, 13 50 56.1 -0.3, 13 51 07.0 -0.9, 0.73 158 P, P, 13 50 56.0 -1.2, 0.99 63 P, P, 13 51 01.4 -0.1, 1.05 154 P, P, 13 51 02.3 -0.3, 1.07 178 P, P, 13 51 03.3 -0.9, 1.07 178 P, P, 13 51 04.6 +0.4, 13 51 04.7 +3.2, 13 51 24.5, 0.5nm, 0.5s, 1.12 105 P, P, 13 51 03.1 -1.2, 1.12 105 P, P, 13 51 04.4 -0.4, 1.15 177 P, P, 13 51 04.4 -0.4, 1.15 177 P, P, 13 51 03.7 -1.1, 1.24 179 P, P, 13 51 07.2 +0.9, 1.26 96 P, P, 13 51 05.9 -0.7, 1.26 96 P, P, 13 51 05.7 -0.9, 1.32 135 P, P, 13 51 06.6 -1.1, 1.40 192 P, P, 13 51 02.7 -0.2, 1.43 150 P, P, 13 51 09.8 -0.1, 1.45 125 P, P, 13 51 09.4 +0.5, 1.46 80 P, P, 13 51 10.2 +0.1, 1.57 122 P, P, 13 51 11.1 0.0, 1.62 141 P, P, 13 51 11.3 -0.5

0.7nm, 0.5s, baz=69, slow=19, SNR=1.4 0.7nm, 0.5s TORO Torodi Ar. Bea 152.43 286 PKPbc PKPbc 14 19 18.3 +0.3 4.3nm, 0.8s, baz=66, slow=2.7, SNR=15 IDC 13 14:11:29.1-1.1, 23.67N, 122.59E, h0km, mb3.7/13, mbtmp3.7/15, ML3.2/92, MS3.3/11, Error ellipse: s-maj=25.2km s-min=18.3km az=60.0 TAP 13 14:11:32.5, 23.80N, 122.56E, h26km, ML4.3, C JMA 13 14:11:32.4, 20.24N, 1.1E, 122.55E, 0.7, h24km, MV3.7/14, NEAR ISHIGAKIJIWA ISLAND NIED 13 14:11:32.4, 23.78N, 122.50E, h24km, MW4.1, Moment Tensor Solution. s2 Moment tensor: Scale 10^19Nm; Mn:0.45; Mw:0.86; Mx:0.41; Me:0.98; Mb:0.34; Ms:0.57; Fault plane solution: Ms:0.0000; lambda:0.0000; NP1: phi:320.0000; delta:320.0000; lambda:159.0000; NP2: phi:68.0000; delta:79.0000; lambda:60.0000; ISC 13 14:11:29.1-1.1, 23.67N, 122.59E, 0.02, h7km, 7km, n219, o1904/345, mb3.7/13, MS3.3/10, 33C-3D, Taiwan

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res, E0S4 E0S4, 0.51 331 Op P, 14 11 40.9 +0.7, E0S3 E0S3, 0.66 338 Op P, 14 11 43.9 +1.1, E0S2 E0S2, 0.81 336 P, P, 14 11 52.7 +0.5, E0S2 E0S2, 0.81 336 P, P, 14 11 52.7 +0.5, YONG Yonagunijimaku, 0.84 23 P, P, 14 11 57.0 +0.7, YON Yonaguni jima, 0.87 26 P, P, 14 11 47.6 -0.2, YON Yonaguni jima, 0.87 26 P, P, 14 11 47.9 +0.1, YON Yonaguni jima, 0.87 26 P, P, 14 11 58.0 +0.7, YON Yonaguni jima, 0.87 26 P, P, 14 11 47.9 +0.7, YAN Yanliu Villag, 0.93 282 P, P, 14 11 48.2 +0.7, TEYL TEYL, 14 11 60.0 +0.9, SHUL SHoufeng, 0.95 277 P, P, 14 11 48.6 +0.8, SHUL SHUL, 14 12 01.5 +0.8, HWA Hwalien, 0.95 289 P, P, 14 12 00.5 -1.0, TEGC Jichi Village, 0.96 272 P, P, 14 11 49.0 +0.9, TEGC TEGC, 14 12 01.2 +1.0, TWD Chiawan, 1.00 294 P, P, 14 11 48.7 +0.5, TWD TWD, 14 12 00.3 -0.9, ETL Fush Village, 1.01 299 P, P, 14 11 49.0 +0.4, ETL ETL, 14 12 02.9 +1.3, EAHA Aohua, 1.02 310 P, P, 14 11 49.5 +0.8, EAHA EAHA, 14 12 01.5 -0.3, NACB Ninganchiao, 1.04 299 P, P, 14 11 49.0 -0.1, NACB Ninganchiao, 1.04 299 P, P, 14 11 49.3 +0.2, NACB Ninganchiao, 1.04 299 P, P, 14 11 49.5 +0.2, ETM Tongmen, 1.05 286 P, P, 14 11 49.5 +0.2, ETM ETM, 14 12 02.2 -0.6, EGPH Guangfu, 1.07 270 P, P, 14 11 50.3 +0.4, EGPH EGPH, 14 12 04.7 +1.2, EWUT Wuta, 1.07 316 P, P, 14 11 50.2 +0.5, ESL Shilin, 1.07 278 P, P, 14 12 02.9 +0.2, ESL ESL, 14 12 02.0 -1.6, ENA Nanau, 1.08 314 P, P, 14 11 49.9 0.0, ENA Changbin, 1.10 251 P, P, 14 11 51.5 +0.5, ECBN ECBN, 1.10 273 P, P, 14 12 05.1 +0.4, WARBET Fenglin Townsh, 1.10 273 P, P, 14 12 04.3 -0.4, ESAA Su ao, 1.13 323 P, P, 14 11 51.2 +0.4, ESAA ESAA, 14 12 05.8 +0.3, LXIB Xiulin Townshi, 1.13 288 P, P, 14 11 50.8 -0.1, LXIB LXIB, 14 12 04.4 -1.2, ETLH Xiulin Townshi, 1.15 298 P, P, 14 12 06.0 0.0, TWC Suao, 1.15 324 P, P, 14 11 51.0 -0.2, TWC TWC, 14 12 06.3 0.0, EHYH Wanrong, 1.16 261 P, P, 14 11 52.2 +0.5, EHYH EHYH, 14 12 06.9 +0.6, EHYH EHYH, 14 11 52.3 -0.3, HATJ Hateruma jima, 1.18 27 P, P, 14 11 54.4 +2.4, CHKH Chenggong, 1.20 247 P, P, 14 11 52.5 +0.2, CHKH CHKH, 14 12 06.6 -1.1, EYUL Yuli, 1.21 255 P, P, 14 11 53.1 +0.6, EYUL Yuli, 1.21 255 P, P, 14 12 08.2 +0.1, YULB Yuli, 1.22 257 P, P, 14 11 53.0 +0.4, YULB Yuli, 1.22 257 P, P, 14 12 08.8 +0.4, YULB Yuli, 1.22 257 P, P, 14 11 53.0 +0.4, YULB Yuli, 1.22 257 P, P, 14 12 07.5 -0.9, YULB Yuli, 1.22 257 P, P, 14 11 53.2 +0.5, YULB Yuli, 1.22 257 P, P, 14 11 54.5 +2.1, 14 11 54.8, comp=N, 5.0nm, 2.7s, comp=E, 9.0nm, 1.2s NDS Dongshan, 1.25 320 P, P, 14 11 53.0 +0.1, NDS NDS, 14 12 08.6 -0.8, CHKT Chengkung, 1.26 243 P, P, 14 12 07.8 -1.9, FWLB Fuli, 1.28 249 P, P, 14 11 53.7 +0.1, FWLB FWLB, 14 12 09.0 -1.4, LATG Datong, 1.30 312 P, P, 14 11 53.7 0.0, LATG LATG, 14 12 09.6 +0.6, WHF Hehuan Shan, 1.30 291 P, P, 14 11 53.9 -0.2, WHF WHF, 14 12 09.9 -1.2, EGS EGS, 1.31 333 P, P, 14 11 54.4 +0.5, EGS EGS, 14 12 10.8 -0.3, OWD Renai, 1.32 282 P, P, 14 11 54.1 -0.1, OWD OWD, 14 12 10.1 -1.8, IAN Ilan, 1.33 325 P, P, 14 11 53.9 -0.2, NNSH Datong, 1.33 304 P, P, 14 11 54.2 0.0, NNSH Datong, 1.33 304 P, P, 14 11 54.3 0.0, NNSB Datong, 1.34 304 P, P, 14 12 09.9 -2.2, TWE Neicheng, 1.34 321 P, P, 14 11 54.7 +0.4, TWE TWE, 14 12 10.6 -1.4, ENTT Nioudou, 1.34 316 P, P, 14 11 54.5 +0.2, ENTT ENTT, 14 12 10.0 0.0, NNS Nan Shan, 1.35 305 P, P, 14 11 54.4 0.0, NNS NNS, 14 12 11.2 -1.1, NNT Datong Townshi, 1.35 313 P, P, 14 11 54.6 +0.3, NNT NNT, 14 11 54.8 +0.3, FUSS Fushou, 1.36 295 P, P, 14 11 54.9 +0.2, FUSS FUSS, 14 11 54.9 +0.2, EDH Donghe, 1.37 240 P, P, 14 12 11.9 -1.0, EDH EDH, 14 11 55.1 0.0, EDH EDH, 14 12 11.2 -1.7, EHD Haiduan, 1.38 248 P, P, 14 12 13.9 -0.3, ECS Chishang, 1.39 246 P, P, 14 11 56.0 +0.2, ECS ECS, 14 12 12.9 -0.4, WUSB Renai, 1.39 284 P, P, 14 11 55.1 +0.2, WUSB WUSB, 14 12 10.1 -3.3, JKRS Kuro-shima, 1.41 66 P, P, 14 11 58.8 +2.5, FUSHAN Fushanzhiwuyua, 1.42 320 P, P, 14 11 58.9 +0.1, FUSB FUSB, 14 12 13.7 -0.5, TWT Tachien, 1.42 294 P, P, 14 11 56.0 +0.2, TWT TWT, 14 12 13.6 -0.7, TDCB Techu, 1.43 294 P, P, 14 11 56.0 +0.4, TDCB TDCB, 14 12 13.3 -1.5, LDUT Ludao, 1.43 226 P, P, 14 11 55.5 0.5, LDUT LDUT, 14 12 12.9 -1.7, TWB1 Santiao Chiao, 1.44 338 P, P, 14 11 55.3 -0.2, TWB1 TWB1, 14 12 13.8 -0.9, TWB2 Shuangxi, 1.47 332 P, P, 14 11 56.4 +0.3, TWB2 TWB2, 14 12 13.6 -1.6, NWLT Wulai, 1.48 318 P, P, 14 11 56.8 +0.6, NWLT NWLT, 14 12 15.4 -0.4, YHNB Yeheng, 1.49 312 P, P, 14 11 56.8 +0.4, YHNB Yeheng, 1.49 312 P, P, 14 11 56.7 +0.4, YHNB Yeheng, 1.49 312 P, P, 14 12 14.5 -1.5, NSK Sanguang, 1.50 312 P, P, 14 11 56.8 +0.3, NSK NSK, 14 12 15.2 -1.3, SSSL Suanglung, 1.50 275 P, P, 14 11 56.9 +0.4, SSSL Suanglung, 1.50 275 P, P, 14 11 57.0 +0.4, SSSL SSSL, 14 12 14.3 -2.1, ELDTW Lidau, 1.52 252 P, P, 14 11 57.3 +0.5, ELDTW ELDTW, 14 12 15.9 -1.6, WPL Puli Township, 1.53 283 P, P, 14 11 57.5 +0.6, LONT Longtian, 1.54 241 P, P, 14 11 58.2 +0.2, LONT LONT, 14 12 16.6 -0.8, SX1 Grass Mountain, 1.56 335 P, P, 14 11 57.5 +0.2, SX1 SX1, 14 12 15.9 -1.5, SMLT Sun Moon Lake, 1.56 278 P, P, 14 11 58.2 +0.8, SMLT SMLT, 14 12 16.1 -1.8, DPDB Guoxing, 1.56 284 P, P, 14 11 58.2 +0.8, NWF Wu-fen Shan, 1.57 332 P, P, 14 11 57.8 +0.3

Table with columns: NWF Wu-fen Shan, 1.57 332 P, P, 14 12 17.7 -0.5, WFSB Wu-fen Shan, 1.57 332 P, P, 14 11 57.9 +0.4, WFSB WFSB, 14 12 17.1 -1.0, JJJ Ishigaki jima, 1.58 64 P, P, 14 11 59.3 -0.1, WCS Beigang Elemen, 1.58 284 P, P, 14 11 58.4 +0.8, TWA Mucha, 1.59 325 P, P, 14 11 58.7 +0.5, WHYT Xinyi Township, 1.59 271 P, P, 14 12 18.1 -0.4, WHYT WHYT, 14 11 59.0 +0.2, TYC Yuchr, 1.60 279 P, P, 14 12 17.6 -1.0, TYC TYC, 14 11 58.6 +0.7, WHP Taichung City, 1.62 292 P, P, 14 12 17.5 -1.3, WHP WHP, 14 12 18.0 -1.4, TWGB Beinan, 1.63 239 P, P, 14 11 59.1 -0.4, TWGB Beinan, 1.63 239 P, P, 14 11 59.0 -0.4, TWG Pinlang, 1.63 239 P, P, 14 11 59.2 -0.4, TATO Taipei, 1.64 322 P, P, 14 12 18.4 -1.2, TATO Taipei, 1.64 322 P, P, 14 11 59.5 +0.7, ALS Alishan, 1.65 265 P, P, 14 12 18.1 -1.6, ALS ALS, 14 12 20.1 +0.2, TNOU National Taiwa, 1.65 333 P, P, 14 11 58.7 +0.5, TNOU TNOU, 14 12 17.8 -2.1, NFF Wufeng Townshi, 1.65 306 P, P, 14 11 59.7 +1.2, NFF NFF, 14 12 20.3 +0.2, TAP Taipei, 1.68 324 P, P, 14 12 20.0 +1.2, KSHI Guanxi Townshi, 1.69 311 P, P, 14 12 20.5 +0.5, KSHI KSHI, 14 12 20.6 -0.5, LIOB Emei, 1.73 304 P, P, 14 12 20.1 +0.1, LIOB LIOB, 14 12 20.3 -1.7, NSIT Nanjuang, 1.74 304 P, P, 14 12 21.1 +1.4, YMO1 YMO1, 1.74 328 P, P, 14 12 20.2 +0.5, YMO1 YMO1, 1.74 328 P, P, 14 12 21.8 -0.4, STYH Taoyuan, 1.74 254 P, P, 14 12 21.5 +0.1, STYH STYH, 14 12 22.0 -0.1, CHNS Tsauling, 1.76 268 P, P, 14 12 21.9 +0.2, CHNS CHNS, 14 12 23.4 +0.8, WNT Mingjian, 1.76 277 P, P, 14 12 23.1 +0.4, WNT WNT, 14 12 22.7 +1.1, STYT Taoyuan, 1.76 254 P, P, 14 12 21.4 -0.4, STYT STYT, 14 12 22.3 -0.4, YMO8 YMO8, 1.76 329 P, P, 14 12 21.1 +1.0, YMO8 YMO8, 14 12 21.5 -0.8, ZUZH Zhuzhiu, 1.76 327 P, P, 14 12 20.7 +0.6, ZUZH ZUZH, 14 12 21.6 -1.2, WNT1 Nantou City, 1.77 278 P, P, 14 12 18.0 0.0, WNT1 WNT1, 14 12 22.9 +0.1, WNF Wufeng, 1.77 282 P, P, 14 12 22.5 +0.5, WNF WNF, 14 12 20.10 +0.7, TWQ1 Liyutan, 1.79 292 P, P, 14 12 20.4 +0.1, TWQ1 TWQ1, 14 12 23.7 +0.2, ANP Anpu, 1.79 327 P, P, 14 12 21.5 +0.9, ANP ANP, 14 12 21.3 -2.3, HSN Hsinchu, 1.81 308 P, P, 14 12 21.4 +0.5, NTST Danshui, 1.81 325 P, P, 14 12 18.8 +1.1, TCU Taichung, 1.81 285 P, P, 14 12 24.2 +0.2, TCU TCU, 14 12 21.3 +0.5, JSG Ishigakijimahi, 1.82 60 P, P, 14 12 25.8 +1.8, NCUH Zhongli, 1.82 315 P, P, 14 12 22.5 +0.8, NCUH NCUH, 14 12 21.8 +0.8, NCUH NCUH, 14 12 21.3 +0.2, TWY Chenhua, 1.83 331 P, P, 14 12 20.3 +1.3, TWY TWY, 14 12 21.8 -2.7, WCKO Fanlu, 1.84 263 P, P, 14 12 20.7 +0.6, WCKO WCKO, 14 12 26.8 -0.5, TPUB Ta-pu, 1.84 259 P, P, 14 12 03.3 +0.2, TPUB TPUB, 14 12 20.3 +0.2, SBCB Hsinchu, 1.84 308 P, P, 14 12 26.1 +1.4, SBCB SBCB, 14 12 20.8 -0.3, TAIM Taimali, 1.85 235 P, P, 14 12 25.1 +0.5, ECL ECL, 1.85 235 P, P, 14 12 23.1 -1.7, NMLH Miaoili, 1.86 298 P, P, 14 12 03.0 -0.3, HSN Hsinchu, 1.86 308 P, P, 14 12 10.8 +0.4, HSN HSN, 14 12 24.6 -0.4, WGK Gukang, 1.86 271 P, P, 14 12 03.9 +0.5, WGK WGK, 14 12 21.7 +1.8, CHNA Tsushan, 1.86 260 P, P, 14 12 03.8 -0.1, CHNA CHNA, 14 12 26.9 +1.7, WYL Yuanlin Townsh, 1.86 279 P, P, 14 12 03.5 +0.1, WYL WYL, 14 12 04.0 +0.5, WTP Ta-pu, 1.86 257 P, P, 14 12 27.1 +1.8, WDL Douliou City, 1.88 272 P, P, 14 12 04.2 +0.5, WDL WDL, 14 12 27.9 +0.5, WDLH Douliu, 1.88 271 P, P, 14 12 04.2 +0.4, WDLH WDLH, 14 12 27.2 +1.5, LAY Lan-yu, 1.89 211 P, P, 14 12 02.5 -1.5, LAY LAY, 14 12 21.7 -0.8, WCHH Zhanghua, 1.90 283 P, P, 14 12 04.5 +0.4, WCHH WCHH, 14 12 27.8 +1.6, LYUB Lan-yu, 1.91 209 P, P, 14 12 02.8 -1.5, LYUB LYUB, 14 12 24.8 -0.4, WDJ Dajia District, 1.91 291 P, P, 14 12 04.0 -0.2, WDJ WDJ, 14 12 27.8 +1.5, SLGT Liugui, 1.91 250 P, P, 14 12 04.8 +0.5, SLGT SLGT, 14 12 27.6 +1.3, WCHT Changhua City, 1.91 282 P, P, 14 12 04.1 -0.2, WCHT WCHT, 14 12 27.5 +1.1, SGST Jiashian, 1.94 253 P, P, 14 12 03.2 +0.4, SGST SGST, 14 12 29.1 0.0, CHN2 Minshiang, 1.95 266 P, P, 14 12 05.6 +0.7, CHN2 CHN2, 14 12 29.3 +2.1, CHN1 Nanshi, 1.96 256 P, P, 14 12 05.6 +0.5, CHN1 CHN1, 14 12 30.1 +0.4, HSN Hsinying, 1.97 259 P, P, 14 12 05.6 +0.2, TWK Tainan City, 1.98 257 P, P, 14 12 30.0 +2.0, SNST SNST, 14 12 05.6 +0.2, CHY Chiayi, 2.00 265 P, P, 14 12 30.2 +0.1, CHY CHY, 14 12 30.2 +1.8, PCYT Pengchayiu, 2.00 346 P, P, 14 12 06.2 +0.3, WTK Tuku, 2.02 241 P, P, 14 12 06.2 +0.1, SSD Sandimen, 2.02 243 P, P, 14 12 05.8 -0.6, SSD SSD, 14 12 30.2 +1.1, TSMG Majia, 2.03 242 P, P, 14 12 06.2 +0.4, TAW Tawu, 2.04 230 P, P, 14 12 05.7 -0.8, WRL Guolierlin Hig, 2.04 277 P, P, 14 12 06.3 -0.2, WRL WRL, 14 12 31.7 +2.1, TAWH Dawu Township, 2.06 230 P, P, 14 12 05.8 -1.0, EAST Anshuo, 2.06 232 P, P, 14 12 05.9 +1.2, CSST Cishan, 2.08 248 P, P, 14 12 06.2 +0.9, MASBT Masbubuluo, 2.09 240 P, P, 14 12 06.5 -0.9, MASBT MASBT, 14 12 30.9 +0.1, WCTC Ta-ch'eng, 2.12 276 P, P, 14 12 07.4 -0.5, WCTC WCTC, 14 12 32.7 +1.9, CHN3 Shinhua, 2.13 254 P, P, 14 12 07.8 +0.8, CHN3 CHN3, 14 12 35.7 +1.1, ICHU Yijhu, 2.14 262 P, P, 14 12 08.3 +0.1, ICHU ICHU, 14 12 34.9 -0.2, SGLT Jiouru, 2.15 244 P, P, 14 12 09.3 +1.0, SGLT Tainan City, 2.16 239 P, P, 14 12 08.1 +0.1, TWMI Shoushan, 2.17 247 P, P, 14 12 09.9 -0.8, TWMI TWMI, 14 12 36.8 +1.1, WSF Szu, 2.17 270 P, P, 14 12 07.9 -0.8, WSF WSF, 14 12 34.0 +1.2, WWLT Mailiao, 2.17 274 P, P, 14 12 08.2 -0.5, SSHA Shanhua, 2.18 256 P, P, 14 12 08.5 -0.4, SSHA SSHA, 14 12 36.5 +0.3, SLIU Shizi, 2.20 229 P, P, 14 12 07.7 -1.5, SLIU SLIU, 14 12 33.9 +0.4, SSPT Xinbi, 2.21 238 P, P, 14 12 09.5 +0.2, CHNB Yiju, 2.21 262 P, P, 14 12 08.9 +0.4, CHNB CHNB, 14 12 38.8 +2.1, SCZT Fangliang, 2.23 235 P, P, 14 12 09.5 -0.3, SCLT Jiali, 2.26 258 P, P, 14 12 08.8 +2.0, SCLT SCLT, 14 12 36.8 +1.9, TMT Yung-k'ang, 2.26 254 P, P, 14 12 08.6 -0.6, TMT TMT, 14 12 38.5 +1.1, SMST Manzhou Townsh, 2.31 225 P, P, 14 12 09.9 -1.2, SMST SMST, 14 12 36.5 +0.3, TSEB Hengchuen, Pin, 2.36 222 P, P, 14 12 11.9 +0.1, TSEB TSEB, 14 12 39.7 -1.4, TSCK Chigu Township, 2.36 258 P, P, 14 12 11.1 -0.8, TSCK TSCK, 14 12 39.1 +1.7

WSSB	Gushan	2.38 245	iP	Pb	14 12 12.5 +0.2
WSSB			eS	Sb	14 12 11.3 -1.0
TWKBT	Hengchun	2.38 224	eP	Pb	14 12 39.5 +1.5
TWKBT			iS	Pb	14 12 11.1 -1.2
HEN	Hengchun	2.38 226	eP	Sb	14 12 39.9 +1.2
HEN			iS	Pb	14 12 11.6 -0.8
TWK1	Hengchun	2.38 224	iP	Pb	14 12 40.2 -1.8
TWK1			iS	Pb	14 12 13.4 +0.3
WLCH	Liaoliu	2.43 238	eP	Sg	14 12 45.5 -1.6
WLCH			eS	Pn	14 12 10.9 +1.6
TWP	Hsiayu	2.44 238	eP	Pb	14 12 10.1 -3.1
TWP			iS	Pb	14 12 14.9 -3.1
JMJ	Miyako jima 2	2.72 65	eP	Pb	14 12 15.4 -2.6
JMJ			iP	Pb	14 12 15.3 +2.1
WDGT	Dunji	2.72 262	iP	Pn	14 12 45.6 -0.8
WDGT			iS	Pn	14 12 15.9 +1.8
PNG	Penghu	2.79 268	iP	Sn	14 12 48.3 +0.3
PNG			iS	Pn	14 12 18.2 +2.0
VCHM	Qimei	2.94 262	iP	Pn	14 12 15.6 -0.2
VCHM			iS	Pn	14 12 19.5 +0.3
VVUC	VVUC	3.15 295f	eP	Pn	14 12 22.9 -0.3
MATE	Ma-tsu	3.44 316	eS	Pn	14 10 01.1 -3.1
MATE			eP	Pn	14 12 23.7 +0.5
PTMZ	Houjiangzhen	3.44 294	eP	Pn	14 12 28.3 -0.4
LYTJ	Xianjiangzhen	3.84 319	eP	Pn	14 12 31.7 +2.6
KNM	Kimmen	3.97 282	eP	Pn	14 12 29.6 +0.2
XPSS	Dashiqiu	3.97 327	eP	Pn	14 12 30.0 +0.3
KNMZ	Chin-men Tao	4.02 280f	eS	Sn	14 12 31.2 -3.1
KNMZ			eP	Sn	14 12 31.2 -0.1
YVWU	Yeshan	4.34 308f	eP	Pn	14 12 36.8 +0.7
AXDP	Jialiang	4.39 287f	eP	Pn	14 13 25.9 -1.6
AXDP			eS	Pn	14 12 38.1 +1.3
ZPLA	Ao Xicun	4.44 274f	eP	Pn	14 12 35.9 +1.8
ZPLA			eS	Pn	14 12 58.8 0.0
YKUN	Yungang	6.03 57	Pn	Pn	
JOW	Jow	comp=E,2.3nm,0.3s,baz=124,slow=18,SNR=13		Sn	14 14 07.7 -0.3
JOW		baz=77,slow=26			
JOW		comp=E,5.8nm,0.3s			
JOW	Kunigami	6.03 57	P	Pn	14 13 00.5 +1.8
JOW			eP	Pn	14 12 59.7 +1.0
KSRs	Korea Array	14.48 17	Pn	Pn	14 14 53.5 -0.9
KSRs		comp=E,0.3nm,0.3s,baz=197,slow=12,SNR=12			
KSRs		comp=E,10.1nm,18.2s,baz=205,slow=42			
CMAR	Chiang Mai Arr	22.66 261	LR	LR	14 25 43.5
CMAR		comp=E,2.5nm,19.8s,baz=176,slow=38			
KLR	Kul'dur	25.51 14	LR	LR	14 28 05.2
KLR		comp=E,84nm,18.7s,baz=211,slow=38			
SONM	Songiro Array	27.35 336	P	P	14 17 14.2 -0.6
SONM		comp=E,1.1nm,0.5s,baz=153,slow=9.2,SNR=6.8			
SONM		comp=E,48nm,18.9s,baz=154,slow=39			
SONM		comp=E,1.1nm,0.5s			
TLY	Talaya	31.53 337	LR	LR	14 31 36.3
TLY		comp=E,22nm,19.7s,baz=179,slow=38			
YAK	Yakutsk	38.64 5	LR	LR	14 36 51.7
YAK		comp=E,34nm,18.1s,baz=165,slow=40			
MKAR	Makanchi Array	39.60 316	P	P	14 19 01.1 -0.1
MKAR		comp=E,1.3nm,0.4s,baz=105,slow=10,SNR=19			
MKAR		comp=E,1.3nm,0.4s			
MA2	Magadan	40.97 22	LR	LR	14 37 26.6
MA2		comp=E,31nm,18.8s,baz=199,slow=38			
H1N1	WAKE ISLAND Hy 41.23	87	T	T	15 03 18.5
H1N1		baz=283			
H1N2	WAKE ISLAND Hy 41.23	87	T	T	15 03 21.4
H1N2		baz=283			
H1N3	WAKE ISLAND Hy 41.25	87	T	T	15 03 20.6
H1N3		baz=283			
H1S1	WAKE ISLAND Hy 41.39	89	T	T	15 03 28.6
H1S1		baz=287			
H1S2	WAKE ISLAND Hy 41.36	89	T	T	15 03 31.8
H1S2		baz=287			
ZALV	Zalesovo Beam	41.37 327	P	P	14 19 14.3 -1.3
ZALV		comp=E,0.8nm,0.5s,baz=107,slow=9.5,SNR=4.7			
ZALV		comp=E,42nm,18.6s,baz=160,slow=38			
ZALV		comp=E,0.8nm,0.5s			
KURBB	Kurchatov Arra	43.33 320	P	P	14 19 31.5 -0.2
KURBB		comp=E,0.2nm,0.4s,baz=110,slow=9.9,SNR=4.3			
KURBB		comp=E,0.2nm,0.4s			
AAK	Ala-Archa	43.84 308	LR	LR	14 40 50.2
AAK		comp=E,44nm,18.1s,baz=74,slow=40			
WRA	Warrungarra Arr	44.84 164	P	P	14 19 46.4 +2.3
WRA		comp=E,0.5nm,1.0s,baz=349,slow=8.1,SNR=2.0			
WRA		comp=E,0.5nm,1.0s			
ASAR	Alce Springs	48.32 166	P	P	14 20 14.7 +3.3
ASAR		comp=E,0.3nm,0.5s,baz=347,slow=8.4,SNR=4.6			
ASAR		comp=E,0.3nm,0.5s			
BVAR	Borovoye Array	48.88 321	P	P	14 20 15.3 0.0
BVAR		comp=E,0.9nm,0.5s,baz=103,slow=6.5,SNR=4.1			
BVAR		comp=E,0.9nm,0.5s			
ILAR	Eielson Array	69.08 27	P	P	14 22 34.9 -0.5
ILAR		comp=E,0.1nm,0.5s,baz=262,slow=6.4,SNR=5.5			
ILAR		comp=E,0.1nm,0.5s			
FINES	FINES Array B	72.53 330	P	P	14 22 56.1 -0.3
FINES		comp=E,0.8nm,0.8s,baz=39,slow=7.3,SNR=6.9			
FINES		comp=E,0.8nm,0.8s			
BRTR	Keskin Array B	74.51 307	P	P	14 23 09.8 +1.1
BRTR		comp=E,0.7nm,0.8s,baz=124,slow=8.1,SNR=5.0			
BRTR		comp=E,0.7nm,0.8s			
HFS	Hagfors	78.64 331	LR	LR	15 01 09.7
HFS		comp=E,20nm,18.4s,baz=72,slow=38			
NOA	NORSTAR Array B	79.27 333	P	P	14 23 34.4 -0.7
NOA		comp=E,0.2nm,0.4s,baz=53,slow=7.9,SNR=2.3			
NOA		comp=E,0.2nm,0.4s			
YKA	Yellowknife Arr	82.94 23	P	P	14 23 54.9 +0.4
YKA		comp=E,0.6nm,0.5s,baz=307,slow=5.1,SNR=5.5			
YKA		comp=E,0.6nm,0.5s			
GERES	GERES Array B	84.05 321	P	P	14 24 00.1 -0.5
GERES		comp=E,0.3nm,0.7s,baz=32,slow=5.2,SNR=2.4			
GERES		comp=E,0.3nm,0.7s			

comp=Z,632nm,20.0s,baz=12,slow=32					
NOUC	Port Laguerre	4.62 272	P	Pn	14 25 15.2 +1.0
NOUC		4.62 272	S	Pn	14 26 06.7 -0.1
KOUNC	Koumac, New Ca	6.75 284	S	Pn	14 26 58.7 +0.2
KOUNC	Koumac, New Ca	6.75 284	P	Pn	14 25 43.4 +0.3
KOUNC	Koumac, New Ca	6.75 284	P	Pn	14 25 50.9 +1.8
NFK	Norfolk Island	7.35 203	P	Pn	14 25 53.0 +1.7
NFK			S	Pn	14 27 11.4 -1.8
MSVF	Nonsavu	7.82 56	P	Pn	14 25 58.6 +0.8
MSVF		196nm,0.8s,baz=229,slow=9.4,SNR=5.3			
MSVF		comp=Z,713nm,19.2s,baz=212,slow=32			
MSVF	Nonsavu	7.82 56	P	Pn	14 25 59.4 +1.6
MSVF	Nonsavu	7.82 56	P	Pn	14 25 59.2 +1.4
SAIVU	Sarautou	7.84 330	P	Pn	14 25 58.9 +1.0
DGTI	Dogotuki	9.97 257	S	Pn	14 26 27.9 +1.0
DGTI	Dogotuki	9.97 255	S	Pn	14 28 18.9 +1.9
OZI	Omahuta	13.03 172	P	P	14 27 12.2 -1.5
WCZ	Waiupu Caves	13.84 170	P	P	14 27 23.7 +0.8
TOZ	Tahiro Road	15.80 168	P	P	14 27 46.4 +1.9
HIZ	Haititi	16.44 170	P	P	14 27 59.9 +8.2
URZ	Urewera	16.67 164	P	Pn	14 27 53.1 -0.5
HNR	Honiara	16.80 318	P	LR	14 27 54.4 -1.0
HNR		12nm,1.1s,baz=142,slow=3.4,SNR=5.0			
HNR		comp=Z,7.2nm,19.4s,baz=234,slow=34			
BKZ	Black Stump Fm	17.39 166	P	Pn	14 28 07.5 +5.0
AFI	Afiamau	18.13 65	P	P	14 28 08.0 -2.5
AFI		74nm,0.9s,baz=293,slow=4.3,SNR=6.8			
EIDS	Eidold	18.73 257	P	P	14 28 17.8 +0.9
ARMA	Armidale	19.35 241	P	Pn	14 28 26.2 +0.2
RPZ	Rata Peaks	21.35 180	P	P	14 28 44.1 -1.0
RPZ		1.4nm,0.8s,baz=0.0,slow=13,SNR=2.2			
RPZ		1.5nm,0.9s,baz=350,slow=18,SNR=2.0			
CTA	Charters Tower	23.43 271	P	P	14 29 07.5 +1.2
CTA		11nm,0.6s,baz=102,slow=8.7,SNR=6.0			
CTA		2.4nm,0.6s,baz=117,slow=2.3,SNR=2.0			
CTA		comp=Z,108nm,18.1s,baz=84,slow=36			
CTA		11nm,0.6s			
CTAO	Charters Tower	23.43 271	P	P	14 29 03.6 -2.7
MILA	Mila	24.11 228	P	LR	14 29 14.3 +2.0
PMG	Port Moresby	26.46 295	LR	LR	14 30 08.0
PMG		comp=E,26nm,18.1s,baz=179,slow=34			
PMG	Port Moresby	26.46 295	P	Iamb	14 29 31.3 -2.4
PMG		comp=Z,2.2nm,0.7s			
RAR	Rarotonga	26.89 93	LR	LR	14 37 52.9
RAR		comp=Z,124nm,20.6s,baz=286,slow=31			
COEN	Coen	27.93 282	Iamb	Iamb	14 29 46.6 -0.2
COEN		comp=Z,4.0nm,1.2s			
STKA	Stevens Creek	28.02 244	P	P	14 29 48.8 +1.2
STKA		comp=Z,13nm,0.7s,baz=57,slow=11,SNR=14			
STKA		comp=Z,2.6nm,0.9s,baz=107,slow=1.3,SNR=4.1			
INKA	Innaminga	28.15 253	P	P	14 29 47.7 -1.0
MOO	Mooralands	28.41 219	P	P	14 29 52.2 +1.3
WR8	Warrungarra Arr	34.33 267	Iamb	Iamb	14 30 42.4 -0.7
WR8		comp=Z,10nm,0.8s			
AS31	Alice Springs	34.37 260	Iamb	Iamb	14 30 43.8 +0.3
AS31		comp=Z,13nm,0.8s			
ASAR	Alice Springs	34.37 260	P	P	14 30 43.7 +0.2
ASAR		comp=Z,35nm,0.8s,baz=81,slow=9.5,SNR=33.4			
ASAR		comp=Z,2.7nm,0.8s,baz=108,slow=3.3,SNR=5.3			
ASAR		comp=Z,0.6nm,0.9s,baz=87,slow=17,SNR=3.0			
ASAR		comp=Z,1.2nm,0.8s,baz=96,slow=4.3,SNR=8.3			
ASAR		comp=Z,59nm,19.1s,baz=105,slow=36			
ASAR		comp=Z,59nm,0.8s			
ASAR	Alice Springs	34.37 260	P	P	14 30 43.4 -0.1
WB0	Warrungarra Arr	34.47 267	Iamb	Iamb	14 30 43.4 -0.8
WB0		comp=Z,13nm,0.8s			
WRAB	Tennant Creek	34.48 267	S	S	14 30 43.7 -0.7
WRAB	Tennant Creek	34.48 267	S	S	14 36 05.3 +0.2
WRAB	Tennant Creek	34.48 267	P	P	14 30 43.7 -0.7
WRAB	Warrungarra Arr	34.48 267	P	P	14 30 43.8 -0.6
WRAB		comp=Z,3.4nm,0.4s,baz=98,slow=8.6,SNR=14.7			
WRA		comp=Z,2.6nm,0.8s,baz=98,slow=2.7,SNR=6.3			
WRA		comp=Z,0.8nm,1.1s,baz=104,slow=14,SNR=3.5			
WRA		comp=Z,1.8nm,1.1s,baz=88,slow=10,SNR=6.0			
WRA		comp=Z,0.3nm,0.6s,baz=143,slow=0.2,SNR=6.4			
WRA	Warrungarra Arr	34.48 267	P	P	14 30 43.3 -1.2
JAY	Jayapura	35.61 299	P	P	14 44 20.6
JAY	Jayapura	35.61 299	P	P	14 30 54.5 +0.4
JAY	Jayapura	35.61 299	P	P	14 30 58.4 +1.0
JAY	Jayapura	35.61 299	P	P	14 30 58.4 +1.0
GENI	Genyem	36.00 299	P	P	
GENI		comp=Z,73nm,1.3s			
PPT2	Papeete2	37.02 90	eLR	LR	14 41 17.0
PPT2		comp=Z,172nm,33.2s			
PPT2		comp=Z,316nm,30.2s			
PPT	Papeete	37.03 90	LR	LR	14 45 18.1
PPT		comp=Z,65nm,18.1s,baz=291,slow=34			
MTN	Mtnton	39.31 277	Iamb	Iamb	14 31 25.9
MTN		comp=Z,14nm,0.8s			
BAKI	Biak	40.13 297	P	P	14 31 34.5 +2.4
BAKI		comp=Z,101nm,1.1s			
KNRA	Kunurra	40.64 272	P	P	14 31 35.9 -0.4
RKPI	Ransiki Papua	41.57 287	P	P	14 31 44.5 +0.8
FITZ	Fitzroy Crossi	42.91 267	LR	LR	14 30 23.3 -0.5
FITZ		comp=Z,48nm,18.3s,baz=102,slow=37			
SJJI	Sorong	44.37 293	LR	LR	14 50 12.6
SJJI		comp=Z,51nm,21.4s,baz=84,slow=35			
SJJI		comp=Z,58nm,1.1s			
SOEI	Soe	46.69 278	P	P	14 32 26.1 +1.1
SOEI		comp=Z,46nm,1.1s			
NLAI	Namlea	46.82 287	P	P	14 32 26.4 +0.6
NLAI		comp=Z,52nm,1.4s			
BATI					

13d 14h

Table with columns for station name, location, magnitude, depth, distance, and other parameters. Includes stations like OHAK Old Harbor, HILR Hailar Array B, KDAD Kodiak Island, etc.

2020 JUN

Table with columns for station name, location, magnitude, depth, distance, and other parameters. Includes stations like TIXI Tiksi, WMQ Urumqi, MKAR Makanchi Array, etc.

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Table with columns for station name, location, magnitude, depth, distance, and other parameters. Includes stations like DAVA Damuels, DAVA Damuels, TIP Timpage, etc.

Table with columns: Station Name, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Otavalo, Isla Barro Col, Santo Domingo, etc.

Table with columns: Code, Station Name, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Nonsavu, Raoul Island, Warramunga Arr, etc.

Table with columns: Code, Station Name, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Eielson Array, Alice Springs, etc.

Table with columns: Code, Station Name, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like EOS4, EOS3, Yonagunijimaku, etc.

Table with columns: Station Name, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like TIBP, NWLT, Ludao, Suanglung, etc.

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

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

Table with columns: Station Name, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like H1N1, H1N3, SONM, etc.

RSNC 13 15:21:18.7±0.0, 7°N:1°7'3W, h145km, 2km, M2.2, ML2.0

Table with columns: Code, Station Name, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like BARC, PAMC, BRJC, etc.

BUI 13 15:25:00.7, 20°10'N:121°39'E, h40km, mB4.5/5, mB4.4/22

JMA 13 15:25:03.3, 0.6, 20°N:3°12'1E, h111km, MV4.0/20

NIED 13 15:25:03.2, 14°N:121°46'E, h11km, MW4.3, Moment

Table with columns: Code, Station Name, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like PIP, SIPP, TWGB, etc.

YONJ Yonagunijimaku 4.75 18 eP Sn 15 26 10.0 +0.7

JKRS Kuro-shima 4.93 29 P Pn 15 26 13.8 +0.7

JATJ Taro-i 5.02 1 P Pn 15 26 17.0 +2.6

JIRJ Irabujima 6.02 35 P Pn 15 26 28.2 +0.2

JKE Kume jima 2 8.07 37 eP Pn 15 26 57.7 +1.5

JOW Kungami 9.33 41 P Pn 15 27 13.6 -0.0

JOW Kungami 9.33 41 eP Pn 15 27 13.6 -0.0

JNU Nakatsu 15.63 31 P Pn 15 28 39.7 +0.7

13d 15h

Table with columns for station name, coordinates, elevation, and other data. Includes stations like KSAR, HNS, KSRS, KSJ, BJ2, BJ1, BJ2, BJ2, BJ2, BJT, BJT, INU, INU, JGF, JGF, CMAR, CMAR, MJAR, MJAR, HHC, HHC, HHC, HHC, GUMO, GUMO, XLT, XLT, XLT, XLT, MDJ, MDJ, USRK, USRK, BNK, BNK, JTM, BRDH, HILR, HILR, SONM, SONM, SONM, SONM, HEH, WMQ, MKAR, MKAR, WRA, WRA, WRA, H11S1, H11N1, H11N2, H11S1, H11S2, H11N3, PETK, ZALV, ZALV, ASAR, ASAR, ASAR, KURBB, BVAR, TIXI, TIXI, BILL, GAMB, UNV, TNA, M11K, F14K, ANM, K13K, F15K, FALS, C16K, G15K, M13K, L14K, D17K, C17K, M14K, M14K, G16K, H16K, N14K, K15K, L15K.

2020 JUN

Table with columns for station name, coordinates, elevation, and other data. Includes stations like O14K, E17K, F17K, F17K, M15K, I17K, J16K, J16K, C18K, C18K, C18K, G17K, G17K, SDPT, SDPT, E18K, E18K, A19K, A19K, N15K, N15K, H17K, H17K, O15K, O15K, F18K, F18K, L16K, L16K, C19K, C19K, CHNA, CHNA, J17K, J17K, J17K, M16K, M16K, N16K, N16K, G18K, G18K, G18K, H18K, H18K, K17K, K17K, L17K, L17K, D19K, D19K, O16K, O16K, F19K, F19K, P16K, P16K, E19K, E19K, E19K, M17K, M17K, B20K, B20K, G19K, G19K, GCSA, GCSA, N17K, N17K, D20K, D20K, A21K, A21K, H19K, H19K, L18K, L18K, E20K, E20K, F20K, F20K, F20K, P17K, P17K, J19K, J19K, A22K, A22K, M18K, M18K, N18K, N18K, C21K, C21K, B21K, B21K, B21K, H20K, H20K, Q17K, Q17K, I20K, I20K, E21K, E21K, L19K, L19K, O18K, O18K, P18K, P18K, B22K, B22K, CHIR, CHIR, J20K, J20K, M18K, M18K, Q18K, Q18K, F21K, F21K, K20K, K20K, K20K, G21K, G21K.

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Table with columns for station name, coordinates, elevation, and other data. Includes stations like G21K, N19K, O19K, L20K, H21K, H21K, H21K, F22K, F22K, E22K, E22K, E22K, M20K, M20K, SII, SII, Q19K, Q19K, CHUM, CHUM, I21K, I21K, I21K, P19K, P19K, G22K, G22K, C23K, C23K, C23K, C23K, PPLA, PPLA, PPLA, H22K, H22K, H22K, O20K, O20K, OHAK, OHAK, SPCR, SPCR, MLY, MLY, SKT, SKT, SKT, TOLK, TOLK, KDAK, KDAK, E23K, E23K, E23K, G23K, G23K, C24K, C24K, C24K, D24K, D24K, L22K, L22K, H23K, H23K, H23K, TRF, TRF, E24K, E24K, E24K, C24K, C24K, BRSE, BRSE, I23K, I23K, M22K, M22K, NEA2, NEA2, NEA2, F24K, F24K, MCK, MCK, RC01, RC01, H24K, H24K, D25K, D25K, G24K, G24K, WRH, WRH, WAT1, WAT1, SEW, SEW, POKR, POKR, C26K, C26K, SML, SML, KNK, KNK, E25K, E25K, G25K, G25K, F25K, F25K, ILAR, ILAR, WAT6, WAT6, HDA, HDA, DHY, DHY, M23K, M23K, C27K, C27K, SCM, SCM, PRP, PRP, F26K, F26K.

Table with columns: GLI, Station Name, Time, Azimuth, Phase, Residual, and various parameters. Includes stations like Glacier Island, ARCES ARCESS Array B, etc.

Table with columns: N32M, Station Name, Time, Azimuth, Phase, Residual, and various parameters. Includes stations like Quiet Lake, Sheldon Lake, etc.

Table with columns: H17K, Station Name, Time, Azimuth, Phase, Residual, and various parameters. Includes stations like VABM Dome, Granite Mounta, etc.

Vertical text block containing station identifiers and parameters such as IDC 13 15:45:23.5-0.7, 2:35S, 120:81E, h0km, mb3.9/11, etc.

Vertical text block containing station identifiers and parameters such as BGR 13 15:51:04.7, 28:28N, 129:16E, h33km, mb6.3, Ms6.1, etc.

Large vertical text block containing detailed station data and parameters for the H17K section, including station names like Ofunato, Kesenuumatomoty, etc.

Table with columns: Code, Station Name, Time, Azimuth, Phase, Residual, and various parameters. Includes stations like Takarajima, Amaminishikomi, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like JWC, JKC, JNC, etc.

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like JGJT, JMFA, JTAI, etc.

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

L16K	S	S	16 08 30.0 +1.7	M18K	baz=273,SNR=150	S	S	16 08 54.7 +3.6	H22K	S	S	16 09 16.3 +3.2													
S14K	Fog Glacier	56.73	39	P	P	16 00 48.7 -1.4	N18K	Kilae Creek	58.41	34	P	P	16 01 02.3 +0.6	KIRV	baz=274	S	S	60.15 324 LR	LR	16 30 11.3					
S14K	baz=273	S	S	16 08 28.6 -1.2	N18K	baz=273,SNR=128	S	P	16 08 55.1 +3.7	KIRV	comp=Z,9um,18.4s, baz=84,slow=39	60.15 324/P	P	P	16 01 12.4 -1.2	KIRV	Spurr Chakacha	60.16	33	P	P	16 01 14.2 +0.4			
VNFG	Fog Glacier, M	56.73	39	Iamb	Iamb	16 01 49.4	Q17K	Contact Creek	58.59	37	P	P	16 01 02.2 -0.9	SPCR	baz=276	S	S	16 09 14.6 +2.5	SPCR	baz=276,SNR=102	S	S	16 01 15.4 +1.3		
F18K	Selawik	56.76	27	P	P	16 00 50.0 +0.1	Q17K	baz=275,SNR=76	S	S	16 08 53.7 -0.2	KOUNC	Koumac, New Ca	60.16	141	↑P	P	Iamb	Iamb	16 01 20.2					
F18K	baz=266,SNR=237	S	S	16 08 32.0 +2.5	H20K	Anotleneega Mo	58.68	28	P	P	16 01 04.1 +0.6	C23K	Itkillik River	60.17	23	P	P	P	P	16 01 13.9 +0.4					
CHNA	Chernabura Isl	56.80	41	P	P	16 00 51.1 +0.6	H20K	baz=271,SNR=310	S	S	16 08 57.4 +2.7	C23K	comp=Z,540nm,1.5s	60.17	23	P	P	P	P	16 01 14.4 +0.3					
CHNA	Chernabura Isl	56.80	41	P	P	16 00 49.6 -0.9	A22K	Sinclair Lake	58.69	22	P	P	16 01 03.5 +0.1	BLDU	Baliduu	60.18	24	P	Iamb	Iamb	16 01 21.7				
CHNA	baz=274	S	S	16 08 29.9 -0.6	A22K	baz=268	S	S	16 08 54.3 -0.3	D23K	Nanushuk River	60.18	24	P	P	P	P	P	16 01 14.4 +0.7						
CNBA	Chernabura Isl	56.80	41	P	Iamb	16 00 50.0 -0.5	C21K	Knifeblade Rid	58.71	24	P	P	16 01 03.9 +0.3	D23K	baz=273,SNR=280	S	S	16 09 14.4 +0.5	D23K	baz=273	S	S	16 01 14.4 +0.5		
CNBA	comp=Z,362nm,0.9s	56.86	31	P	P	16 00 58.5	C21K	baz=269	S	S	16 08 54.4 -0.5	D23K	comp=Z,294nm,0.9s	60.24	33	Iamb	Iamb	Iamb	Iamb	16 01 21.0					
J17K	VAM Dome	56.86	31	P	P	16 00 51.4 +0.6	B21K	Ikkipuk River	58.77	24	Iamb	Iamb	16 01 07.2	SPU	Mount Spurr	60.24	33	Iamb	Iamb	Iamb	16 01 14.0				
J17K	baz=269	S	S	16 08 34.3 +3.3	B21K	comp=Z,249nm,0.9s	58.77	24	P	P	16 01 04.3 +0.3	STLK	Strandline Lak	60.31	33	Iamb	Iamb	Iamb	Iamb	16 01 21.1					
M16K	Timber Creek	56.90	34	Iamb	Iamb	16 00 58.9	B21K	Ikkipuk River	58.77	24	P	P	16 08 55.9 +0.2	KDAK	Kodiak Island	60.39	37	LR	LR	16 27 35.5					
M16K	comp=Z,297nm,1.0s	56.90	34	P	P	16 00 51.3 +0.2	B21K	baz=269,SNR=378	S	S	16 08 55.9 +0.2	KDAK	comp=Z,176nm,0.7s	60.39	37	P	P	P	P	16 01 14.7 -0.5					
M16K	Timber Creek	56.90	34	P	P	16 00 51.3 +0.2	B21K	baz=269	S	S	16 08 55.9 +0.2	KDAK	Kodiak Island	60.39	37	P	P	P	P	16 01 14.7 -0.5					
M16K	baz=270	S	S	16 08 33.6 +2.0	MORW	Morawa	58.78	193	P	P	16 01 05.1 +0.6	KDAK	comp=Z,5um,21.8s, baz=212,slow=36	60.39	37	LR	LR	16 27 35.5							
C19K	Lookout Ridge	56.98	24	P	P	16 00 51.5 -0.1	MORW	comp=Z,326nm,0.9s	58.78	193	Iamb	Iamb	16 01 08.0	KDAK	Kodiak Island	60.39	37	P	P	P	16 01 14.7 -0.5				
C19K	baz=265,SNR=161	S	S	16 08 32.6 -0.1	O18K	Koktuh Hills	58.81	35	P	P	16 01 05.2 +0.7	KDAK	comp=Z,2um,1.5s	60.39	37	↑P	↑P	↑P	↑P	16 01 14.7 -0.5					
N16K	Nishlik Lake	57.00	34	P	P	16 00 52.1 +0.3	O18K	baz=274	S	S	16 08 59.1 +2.6	KDAK	Kodiak Island	60.39	37	↑P	↑P	↑P	↑P	16 01 14.9 -0.2					
N16K	baz=271,SNR=146	S	S	16 08 35.4 +2.3	L19K	White Mountain	58.82	32	P	P	16 01 05.1 +0.6	KDAK	baz=278	S	S	16 09 15.7 -1.0	KDAK	Kodiak Island	60.39	37	↑P	↑P	16 01 15.1 -0.1		
G18K	Tagagawik	57.12	28	Iamb	Iamb	16 01 00.0	L19K	baz=273	S	S	16 08 59.2 +2.5	SKT	Skwentna	60.40	32	Iamb	Iamb	Iamb	Iamb	16 01 22.2					
G18K	comp=Z,402nm,1.1s	57.12	28	P	P	16 00 52.9 +0.2	P18K	Big Mountain,	58.83	36	P	P	16 01 04.9 +0.2	SKT	comp=Z,451nm,1.3s	60.40	32	P	P	P	16 01 15.0 -0.3				
G18K	Tagagawik	57.12	28	P	P	16 08 35.4 +0.9	P18K	baz=275,SNR=124	S	S	16 08 58.8 +1.9	SKT	baz=276,SNR=196	S	S	16 09 17.8 +0.9	SKT	baz=276	S	S	16 01 16.0 +0.5				
G18K	baz=268	S	S	16 08 38.9 +3.3	I20K	Naagdeneel	58.87	29	P	P	16 01 05.7 +1.0	MLY	Manley	60.45	29	P	P	P	P	16 01 16.0 +0.5					
K17K	Iditarod	57.21	32	P	P	16 00 53.7 +0.5	I20K	baz=272,SNR=85	S	S	16 09 01.1 +4.0	MLY	baz=275,SNR=368	S	S	16 09 20.1 +2.7	MLY	baz=275	S	S	16 01 10.2				
K17K	baz=270	S	S	16 08 54.2 +0.9	ACHA	Angle Creek He	58.89	37	Iamb	Iamb	16 01 10.2	G23K	Bananza Creek	60.59	27	Iamb	Iamb	Iamb	Iamb	16 01 23.6					
L17K	Donlin	57.21	32	P	P	16 00 54.2 +0.9	ACHA	comp=Z,302nm,0.8s	58.89	37	P	P	16 01 06.9 +1.3	G23K	Toolik Lake Re	60.61	25	P	P	P	16 01 16.8 +0.3				
L17K	baz=270,SNR=209	S	S	16 08 38.9 +3.2	CHIR	Chirikof Islan	58.97	40	P	P	16 01 06.0 +0.4	G23K	comp=Z,369nm,1.2s	60.59	27	P	P	P	16 09 17.7 -1.9						
QLP	Quilpie	57.21	163	P	P	16 00 53.8 +0.2	CHIR	Chirikof Islan	58.97	40	P	P	16 08 59.8 +1.1	G23K	baz=275,SNR=397	S	S	16 09 16.8 +2.4	G23K	baz=274	S	S	16 01 16.7 0.0		
H18K	Honhosa River	57.22	29	Iamb	Iamb	16 01 00.1	CHIR	baz=276,SNR=32	S	S	16 08 59.8 +1.1	TOLK	Toolik Lake Re	60.61	25	P	P	P	16 01 16.7 0.0						
H18K	comp=Z,402nm,1.1s	57.22	29	P	P	16 00 53.5 +0.2	E21K	Killik River	59.00	25	Iamb	Iamb	16 01 11.5	TOLK	baz=274,SNR=265	S	S	16 09 19.9 +0.5	TOLK	baz=274	S	S	16 01 16.6 -0.2		
H18K	Honhosa River	57.22	29	P	P	16 00 53.5 +0.2	E21K	baz=270	S	S	16 08 57.7 -1.0	E21K	Home	60.62	35	P	P	P	16 01 16.6 -0.2						
H18K	baz=268	S	S	16 08 37.4 +1.6	E21K	Killik River	59.00	25	P	P	16 01 05.4 -0.6	HOM	baz=278	S	S	16 09 17.7 -1.9	HOM	baz=278	S	S	16 01 17.3 +0.4				
O16K	Kokwok River B	57.36	35	P	P	16 00 54.5 +0.1	E21K	baz=270	S	S	16 08 58.7 -0.7	HOM	Chandalar	60.63	25	P	P	P	16 01 20.9 +1.0	E23K	baz=278	S	S	16 01 17.2 -0.1	
O16K	baz=272,SNR=94	S	S	16 08 39.5 +1.8	Q18K	Katmai Hardscr	59.01	36	P	P	16 01 05.4 -0.6	HOM	baz=274,SNR=640	S	S	16 09 20.9 +1.0	E23K	baz=274	S	S	16 01 17.2 -0.1				
CHGN	Chignik	57.37	39	P	P	16 00 53.3 -1.1	Q18K	baz=275,SNR=170	S	S	16 08 58.7 -0.7	E23K	Chandalar	60.63	25	P	P	P	16 01 17.3 +0.4						
CHGN	baz=272,SNR=74	S	S	16 08 35.4 -2.4	J20K	Nowinta River	59.04	30	P	P	16 01 06.8 +0.9	E23K	baz=274	S	S	16 09 20.9 +1.0	L22K	Petersville	60.69	32	P	P	16 01 17.2 -0.1		
CHGN	baz=274	S	S	16 08 55.1 +0.2	J20K	baz=273,SNR=310	S	S	16 09 02.8 +3.4	L22K	comp=Z,342nm,1.2s	60.69	32	P	P	16 01 17.2 -0.1	L22K	baz=277,SNR=469	S	S	16 09 21.0 +0.4				
P16K	Nushagak River	57.44	36	P	P	16 00 55.1 +0.2	N19K	Bonanza Creek	59.09	34	Iamb	Iamb	16 01 15.0	CAPN	Captain Cook N	60.72	34	P	P	P	16 01 16.8 -0.6				
P16K	baz=273,SNR=114	S	S	16 08 40.5 +1.9	N19K	comp=Z,156nm,0.7s	59.09	34	P	P	16 01 07.2 +0.7	CAPN	baz=277	S	S	16 09 23.1 +2.2	TRF	Thorofare Moun	60.80	31	P	P	16 01 17.8 -0.4		
D19K	Kuna River	57.47	25	Iamb	Iamb	16 01 01.6	N19K	baz=274,SNR=86	S	S	16 09 03.4 +3.1	TRF	baz=276,SNR=140	S	S	16 09 22.3 +0.1	TRF	baz=276	S	S	16 01 18.2 +0.1				
D19K	comp=Z,432nm,1.2s	57.47	25	P	P	16 00 55.2 +0.2	K20K	Telida	59.12	31	P	P	16 01 07.2 +0.7	TRF	baz=276,SNR=140	S	S	16 09 22.3 +0.1	C24K	Franklin Bluff	60.84	23	P	P	16 01 18.2 +0.1
D19K	baz=266	S	S	16 08 38.8 -0.1	K20K	baz=273	59.19	23	Iamb	Iamb	16 01 09.8	C24K	Franklin Bluff	60.84	23	P	P	P	16 01 18.2 +0.1						
F19K	Shalerucik Mo	57.52	27	P	P	16 00 55.2 -0.1	B22K	Teshekpuk Lake	59.19	23	Iamb	Iamb	16 01 07.2 +0.3	C24K	baz=274	S	S	16 09 00.9 -0.2	D24K	Happy Valley	60.84	24	P	P	16 01 18.8 +0.7
F19K	baz=268,SNR=148	S	S	16 08 39.7 +0.2	B22K	comp=Z,203nm,0.8s	59.19	23	P	P	16 01 07.2 +0.3	D24K	baz=275	S	S	16 09 22.5 +0.3	D24K	baz=275	S	S	16 01 22.5 +0.3				
INKA	Innamika	57.53	167	Iamb	Iamb	16 01 00.7	B22K	Teshekpuk Lake	59.19	23	P	P	16 09 00.9 -0.2	D24K	comp=Z,314nm,0.8s	61.06	25	P	P	P	16 01 20.0 +0.3				
M17K	Holitna River	57.63	33	P	P	16 00 56.9 +0.7	B22K	baz=270,SNR=375	S	S	16 09 00.9 -0.2	E24K	Your Creek	61.06	25	P	P	P	16 09 26.8 +1.7						
M17K	baz=272,SNR=218	S	S	16 08 43.7 +2.5	F21K	Alata River	59.20	26	P	P	16 01 07.2 +0.2	E24K	baz=276,SNR=694	S	S	16 09 26.8 +1.7	BRSE	Bradley Lake S	61.06	35	P	P	16 01 19.0 -0.8		
E19K	Redstone River	57.75	26	Iamb	Iamb	16 01 53.3	F21K	baz=272,SNR=159	S	S	16 09 02.5 +1.1	BRSE	baz=278,SNR=145	S	S	16 09 23.1 -2.3	BRSE	baz=278	S	S	16 01 19.4 -0.5				
E19K	comp=Z,218nm,0.8s	57.75	26	P	P	16 00 57.3 +0.3	G21K	Allakaket	59.21	27	P	P	16 01 07.5 +0.4	M22K	Willow	61.09	33	P	P	P	16 01 25.6 +0.1				
E19K	baz=268	S	S	16 08 43.4 +0.8	G21K	Port Alsworth	59.22	35	P	P	16 01 07.8 +0.6	M22K	baz=278,SNR=163	S	S	16 09 25.6 +0.1	NEA2	Nenana	61.20	29	P	P	16 01 21.1 +0.4		
G19K	Purcell Mounta	57.77	28	Iamb	Iamb	16 01 03.8	G21K	baz=272	S	S	16 09 03.4 +3.6	M22K	baz=278	S	S	16 09 25.6 +0.1	NEA2	baz=277,SNR=885	S	S	16 0				

COLA	College	61.69	29	P	Iamb	16 01 24.4 +0.6
COLA	College	61.69	29	dI	P	16 01 23.7 -0.1
COLA	College	61.69	29	P	Pmax	16 01 23.7 -0.1
COLA	College	61.69	29	P	MLR	16 01 23.7 -0.1
COLA	College	61.69	29	P	P	16 01 23.7 -0.1
COLA	College	61.69	29	P	S	16 01 22.4 +0.4
COLA	College	61.69	29	P	P	16 01 23.9 +0.1
COLA	College	61.69	29	P	S	16 01 23.9 +0.1
COLA	College	61.69	29	P	S	16 01 23.9 +0.1
D25K	Kavik River	61.69	24	Iamb	Iamb	16 09 34.4 +1.5
D25K	Kavik River	61.69	24	P	P	16 01 23.8 -0.1
D25K	Kavik River	61.69	24	P	S	16 09 33.4 +0.4
STKA	Stephens Creek	61.71	167	P	P	16 01 24.4 0.0
STKA	Stephens Creek	61.71	167	P	P	16 02 02.9 -0.1
STKA	Stephens Creek	61.71	167	P	S	16 09 31.4 -2.5
STKA	Stephens Creek	61.71	167	P	LR	16 29 30.5
STKA	Stephens Creek	61.71	167	P	P	16 30 32.1 +0.7
CCB	Clear Creek Bu	61.74	29	Iamb	Iamb	16 01 28.1
JLN	Jalan Bani Buh	61.77	281	P	P	16 01 25.4 +0.2
JLN	Jalan Bani Buh	61.77	281	P	P	16 01 25.4 +0.2
JLN	Jalan Bani Buh	61.77	281	P	S	16 09 36.6 +1.3
JLN	Jalan Bani Buh	61.77	281	P	S	16 09 36.6 +1.3
JLN	Jalan Bani Buh	61.77	281	P	S	16 01 24.5 -0.3
JLN	Jalan Bani Buh	61.77	281	P	Iamb	16 01 30.4
POKR	Poker Plat Res	61.83	29	P	P	16 01 25.2 +0.4
POKR	Poker Plat Res	61.83	29	P	S	16 09 36.4 +1.7
SML	Sawmill	61.92	32	P	P	16 01 25.0 -0.6
SML	Sawmill	61.92	32	P	S	16 09 37.1 +0.9
KNK	Knik Glacier	61.93	33	P	P	16 01 25.6 +0.1
KNK	Knik Glacier	61.93	33	P	S	16 09 36.6 +0.5
WBK	Wadi Bani Khal	61.98	282	P	P	16 01 26.8 +0.2
WBK	Wadi Bani Khal	61.98	282	P	P	16 01 26.8 +0.2
WBK	Wadi Bani Khal	61.98	282	P	S	16 09 38.0 0.0
WBK	Wadi Bani Khal	61.98	282	P	S	16 09 38.0 0.0
WSAR	Wadi Sarin	62.04	282	P	P	16 01 27.4 +0.4
WSAR	Wadi Sarin	62.04	282	P	S	16 09 39.1 +0.3
WAT6	Susitna Watana	62.07	31	P	P	16 01 26.5 -0.2
WAT6	Susitna Watana	62.07	31	P	S	16 09 38.4 +0.1
ILAR	Eielson Array	62.11	29	P	P	16 01 25.8 -0.9
ILAR	Eielson Array	62.11	29	P	S	16 09 35.7 -2.6
ILAR	Eielson Array	62.11	29	P	S	16 10 59.9 -2.3
ILAR	Eielson Array	62.11	29	P	S	16 30 32.0 -2.4
ILAR	Eielson Array	62.11	29	P	S	16 38 18.7
ILAR	Eielson Array	62.11	29	P	S	16 01 24.9 -1.8
C26K	Camden Bay	62.12	23	P	P	16 01 27.9 +1.2
G26K	Bearman Lake	62.13	27	P	P	16 09 39.4 +1.1
G26K	Bearman Lake	62.13	27	P	S	16 01 27.9 +1.1
G26K	Bearman Lake	62.13	27	P	S	16 09 42.9 +4.4
HDA	Harding Lake	62.14	29	P	P	16 01 25.9 -1.0
HDA	Harding Lake	62.14	29	P	S	16 09 38.0 -0.7
E25K	Arctic Village	62.14	25	Iamb	Iamb	16 01 34.3
E25K	Arctic Village	62.14	25	P	P	16 01 27.4 +0.5
E25K	Arctic Village	62.14	25	P	S	16 09 41.6 +3.0
DHY	Denali Highway	62.16	31	Iamb	Iamb	16 02 11.2
DHY	Denali Highway	62.16	31	P	P	16 01 26.8 -0.4
DHY	Denali Highway	62.16	31	P	S	16 09 39.7 +0.4
BELG	Belogornoye	62.19	317	dI	P	16 01 25.5 -1.9
BELG	Belogornoye	62.19	317	dI	Pmax	16 01 25.5 -1.9
BELG	Belogornoye	62.19	317	dI	MLR	16 01 25.5 -1.9
F25K	Christian River	62.19	26	Iamb	Iamb	16 01 31.4
F25K	Christian River	62.19	26	P	P	16 01 28.2 +0.9
F25K	Christian River	62.19	26	P	S	16 09 43.2 +3.9
M23K	Glacier View	62.21	32	P	P	16 01 27.0 -0.4
M23K	Glacier View	62.21	32	P	S	16 09 40.6 +0.9
CMSA	Cobar Meteorol	62.30	163	P	P	16 01 28.7 +0.4
NWAO	Narrogin (SRO)	62.34	190	P	P	16 01 29.2 +0.7
NWAO	Narrogin (SRO)	62.34	190	P	P	16 01 28.6 0.0
NWAO	Narrogin (SRO)	62.34	190	P	Pmax	16 01 28.6 0.0
NWAO	Narrogin (SRO)	62.34	190	P	Pmax	16 01 28.6 0.0
NWAO	Narrogin (SRO)	62.34	190	P	P	16 01 28.5 0.0
NWAO	Narrogin (SRO)	62.34	190	P	P	16 01 28.5 0.0
NWAO	Narrogin (SRO)	62.34	190	P	S	16 09 43.3 +1.5
NWAO	Narrogin (SRO)	62.34	190	P	S	16 09 43.3 +1.5
NWAO	Narrogin (SRO)	62.34	190	P	P	16 02 10.8 +3.7
BIDO	Bidbid	62.37	283	P	P	16 01 30.4 +1.3
BIDO	Bidbid	62.37	283	P	P	16 01 30.4 +1.3
BIDO	Bidbid	62.37	283	P	S	16 01 30.4 +1.3
BIDO	Bidbid	62.37	283	P	S	16 09 43.9 +1.0
BIDO	Bidbid	62.37	283	P	S	16 09 43.9 +1.0
SCM	Sheep Creek Mo	62.39	32	P	P	16 01 28.3 -0.4
SCM	Sheep Creek Mo	62.39	32	P	S	16 09 43.9 +1.8
NOUC	Port Laguerre	62.53	140	P	P	16 01 30.9 +0.9
PRP	Porcupine Dome	62.56	28	Iamb	Iamb	16 01 33.6
PRP	Porcupine Dome	62.56	28	P	P	16 01 29.6 -0.3
PRP	Porcupine Dome	62.56	28	P	S	16 09 46.5 +2.3
C27K	Jago River	62.58	23	Iamb	Iamb	16 01 36.5
C27K	Jago River	62.58	23	P	P	16 01 30.6 +0.9
C27K	Jago River	62.58	23	P	S	16 09 45.0 +1.0
SMDO	Samad	62.61	282	P	P	16 01 32.0 +1.1
SMDO	Samad	62.61	282	P	P	16 01 32.0 +1.1
SMDO	Samad	62.61	282	P	S	16 09 44.8 -1.2
SMDO	Samad	62.61	282	P	S	16 09 44.8 -1.2
GLI	Glacier Island	62.67	33	P	P	16 01 30.1 -0.4
GLI	Glacier Island	62.67	33	P	S	16 09 47.3 +1.9
P23K	Montague Islan	62.68	34	P	P	16 01 30.4 -0.2
P23K	Montague Islan	62.68	34	P	S	16 09 48.2 +2.6

F26K	Sheenjek River	62.74	25	Iamb	Iamb	16 01 35.1
F26K	Sheenjek River	62.74	25	P	P	16 01 31.8 +0.9
F26K	Sheenjek River	62.74	25	P	S	16 09 50.3 +4.1
K24K	Donnelly Dome	62.74	30	P	P	16 01 30.2 -0.8
K24K	Donnelly Dome	62.74	30	P	S	16 09 46.2 -0.2
HTT	Hallett	62.77	170	P	P	16 01 32.1 +0.7
J25K	Salcha River	62.78	29	P	P	16 01 29.6 -1.6
J25K	Salcha River	62.78	29	P	S	16 09 45.4 -1.5
YATNC	Mamie plateau,	62.83	139	P	P	16 01 33.0 +1.0
M24K	Tolsona, Glenn	62.88	32	P	P	16 01 32.3 +0.4
M24K	Tolsona, Glenn	62.88	32	P	S	16 09 51.2 +3.1
G26K	Porcupine Rive	63.00	26	P	P	16 01 33.4 +0.8
G26K	Porcupine Rive	63.00	26	P	S	16 09 53.6 +4.2
ARMA	Armidade	63.01	157	P	P	16 01 34.1 +0.9
ARMA	Armidade	63.01	157	P	P	16 01 33.9 +0.7
ARMA	Armidade	63.01	157	P	Iamb	16 01 40.2
PAX	Paxson	63.03	31	Iamb	Iamb	16 01 39.5
PAX	Paxson	63.03	31	P	P	16 01 32.8 -0.2
PAX	Paxson	63.03	31	P	S	16 09 51.5 +1.4
HOQ	Hoqain	63.05	283	P	P	16 01 34.3 +0.7
HOQ	Hoqain	63.05	283	P	S	16 09 51.0 -0.4
BANOM	Banah	63.07	286	I	P	16 01 34.3 +0.6
BANOM	Banah	63.07	286	I	P	16 01 36.1 +2.3
OUENC	Ouen Island, N	63.08	140	P	P	16 01 35.1 +1.4
OUENC	Ouen Island, N	63.08	140	P	P	16 01 34.9 +1.3
OUENC	Ouen Island, N	63.08	140	P	Iamb	16 01 40.7
KLU	Klutina	63.11	32	Iamb	Iamb	16 01 40.1
KLU	Klutina	63.11	32	P	P	16 01 33.6 +0.1
KLU	Klutina	63.11	32	P	S	16 09 53.1 +2.0
SHME	Shamm	63.16	286	I	P	16 01 34.5 +0.2
SHME	Shamm	63.16	286	I	P	16 01 35.4 +1.2
SHME	Shamm	63.16	286	I	P	16 01 35.4 +1.2
SHME	Shamm	63.16	286	I	S	16 09 53.6 +1.0
SHME	Shamm	63.16	286	I	S	16 09 53.6 +1.0
RIDG	Independent Ri	63.16	30	P	P	16 01 33.3 -0.5
RIDG	Independent Ri	63.16	30	P	S	16 09 51.0 -0.6
HARP	HAARP	63.29	31	P	P	16 01 35.0 +0.5
HARP	HAARP	63.29	31	P	S	16 09 56.0 +2.9
MDH	Madha	63.29	285	I	P	16 01 33.7 -1.4
MDH	Madha	63.29	285	I	P	16 01 36.8 +1.7
MDH	Madha	63.29	285	I	P	16 01 36.8 +1.7
MDH	Madha	63.29	285	I	S	16 09 54.5 +0.2
MDH	Madha	63.29	285	I	S	16 09 54.5 +0.2
Q23K	Middleton Isla	63.32	35	P	P	16 01 35.0 +0.2
Q23K	Middleton Isla	63.32	35	P	S	16 09 56.8 +3.4
MASF	Masafi	63.38	286	I	P	16 01 37.6 +1.8
MASF	Masafi	63.38	286	I	P	16 01 37.6 +1.8
MASF	Masafi	63.38	286	I	S	16 09 55.1 -0.4
MASF	Masafi	63.38	286	I	S	16 09 55.1 -0.4
EYAK	Cordova Ski Ar	63.38	33	P	P	16 01 37.2 +2.1
EYAK	Cordova Ski Ar	63.38	33	P	P	16 01 35.6 +0.4
EYAK	Cordova Ski Ar	63.38	33	P	S	16 09 57.2 +3.0
MSFE	Esma-Masafi	63.38	286	I	P	16 01 35.2 -0.7
BSY	Bisya	63.45	282	P	P	16 01 36.0 -0.3
BSY	Bisya	63.45	282	P	P	16 01 36.0 -0.3
MHTO	MHTO	63.45	280	P	P	16 01 36.5 +0.2
MHTO	MHTO	63.45	280	P	P	16 01 36.5 +0.2
MHTO	MHTO	63.45	280	P	S	16 09 56.5 +0.1
MHTO	MHTO	63.45	280	P	S	16 09 56.5 +0.1
SCRK	Sand Creek	63.49	30	P	P	16 01 35.1 -0.9
SCRK	Sand Creek	63.49	30	P	S	16 09 55.5 -0.3
UOSS	Minazif	63.49	285	P	P	16 01 37.1 +0.6
UOSS	Minazif	63.49	285	P	Iamb	16 02 15.9
UOSS	Minazif	63.49	285	P	S	16 01 35.9 -0.7
UOSS	Minazif	63.49	285	P	S	16 01 37.3 +0.8
UOSS	Minazif	63.49	285	P	S	16 09 57.8 +1.0
UOSS	Minazif	63.49	285	P	S	16 01 35.2 -1.3
UOSS	Minazif	63.49	285	P	S	16 01 34.3 -2.5
SOHO	SOHO	63.51	284	I	P	16 01 36.0 -0.6
SOHO	SOHO	63.51	284	I	P	16 01 37.0 +0.4
SOHO	SOHO	63.51	284	I	P	16 09 56.8 -0.1
SOHO	SOHO	63.51	284	I	S	16 09 56.8 -0.1
SOHO	SOHO	63.51	284	I	S	16 01 43.7
E27K	Coleen River	63.59	25	Iamb	Iamb	16 01 37.0 +0.6
E27K	Coleen River	63.59	25	P	P	16 01 37.0 +0.6
E27K	Coleen River	63.59	25	P	S	16 09 59.0 +2.3
HATD	Hatta, Dubai	63.60	285	I	P	16 01 37.1 -0.2
HATD	Hatta, Dubai	63.60	285	I	P	16 01 38.1 +0.8
HATD	Hatta, Dubai	63.60	285	I	P	16 01 38.1 +0.8
HATD	Hatta, Dubai	63.60	285	I	S	16 09 57.2 -0.9
HATD	Hatta, Dubai	63.60	285	I	S	16 09 57.2 -0.9
D27M	Malcolm River	63.60	23	Iamb	Iamb	16 01 43.7
D27M	Malcolm River	63.60	23	P	P	16 01 37.1 +0.6
D27M	Malcolm River	63.60	23	P	S	16 09 58.8 +1.9
N25K	Chitina, Valde	63.71	32	P	P	16 01 38.0 +0.6
N25K	Chitina, Valde	63.71	32	P	S	16 10 00.9 +2.4
ASHO	Ashiyah	63.71	285	I	P	16 01 37.9 -0.1
ASHO	Ashiyah	63				

13d 15h

2020 JUN

718

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like BVCC, GRNC, H29M, MESA, MZWR, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like F31M, KBS, YUK6, O29M, H31M, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other parameters. Includes stations like ARCES, KVAR, KIV, KIS, etc.

719

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like BESE, LKBA, PUL, MPMFY, etc.

2020 JUN

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like V35K, WRGLY, WRGLY, etc.

13d 15h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes entries like AK08, KIEV, AK04, etc.

Table with columns: PSUT, SNR, Frequency, Bandwidth, Power, Modulation, and other technical details for various stations.

Table with columns: MBAR, Frequency, Bandwidth, Power, Modulation, and other technical details for various stations.

Table with columns: LPHEP, Frequency, Bandwidth, Power, Modulation, and other technical details for various stations.

Table with columns for station name, frequency, and various signal quality indicators (e.g., SNR, S/N, etc.). Includes stations like VNA1, VNA3, VNA5, etc.

Table with columns for station name, frequency, and various signal quality indicators. Includes stations like CFA, MASO1, BBSO, etc.

Table with columns for station name, frequency, and various signal quality indicators. Includes stations like KAPI, WB0, WB7, etc.

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

IDC 13 17:43:48.8±1.5, 33°27'N; 139°98'E, h183km, 6km, mb2.8/2, mbmp3.1/3, Error ellipse: s-maj=54.6km s-min=13.2km az=70.0

JMA 13 17:43:50.8±0.3, 33°33'N; 0°6'14'0"E, h167km, 2km, MV2.723, NEAR HACHUJIMA ISLAND

ISC 13 17:43:49.4±1.1, 33°17'N; 103°9'13"E, 0.1, h200km, n12, z#06/14, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Hachijo jima 2, Mitsune, Kozu shima, etc.

UCR 13 17:48:13.0±0.5, 7°9'1N; 83°51'W, h16km, 7km, MV3.8, Presumed earthquake

UPA 13 17:48:14.5±1.6, 7°96'N; 83°43'W, h14km, 7km, MV3.7, Presumed earthquake

ISC 13 17:48:16.2±1.8, 8°13'N; 0°07'83'38"W, 0.06, h11km, 11km, n39, e1507/53, 7C-2D, Costa Rica

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Carate, Puerto, Petro Terminal, Limones, etc.

JMA 13 17:50:21.2±0.2, 30°6'N; 0°9'14'2"E, h24km, MV4.5/0, NEAR TORISHIMA IS

IDC 13 17:50:23.9±1.7, 30°52'N; 141°10'E, h45km, 14km, mb3.7/18, mbmp4.0/23, ML3.7/5, Error ellipse: s-maj=26.5km s-min=10.9km az=73.0

NEIC 13 17:50:25.1±1.7, 30°50'N; 0°05'14'2"E, 0.1, h50km, 8km, mb4.3/41, Error ellipse: s-maj=15.4km s-min=1.0km az=59.0

ISC 13 17:50:22.0±0.5, 30°56'N; 0°05'14'28"E, 0.08, h28km, n101, e1568/106, mb4.2/36, 1C, Southeast of Honshu

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Hachiojimakas, Mitsune, Hachijo jima 2, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Chichijima, Haha-jima-NKT2, Boso 1, etc.

MJAR Matsuhiro Arr 6.49 338 P Sn 17 51 58.1 +2.5

MAJO Matsuhiro 6.49 338 P Pn 17 51 58.9 +3.2

MAJO Matsuhiro 6.49 338 P Pn 17 51 58.2 +2.5

MJB9 Matsu-Tunnel 6.50 338 P Pn 17 51 58.4 +2.6

JMK Ichinoise 8.37 360 P Pn 17 52 16.2 +0.2

JTM Miyayashi 10.21 359 P Pn 17 52 46.6 0.0

JTU Tenabayashi 10.21 359 Pn Pn 17 52 45.5 -1.1

JOT Ohata 10.80 359 P Pn 17 52 55.1 +0.4

JEM Erimo 11.53 7 P Pn 17 53 04.1 -0.6

JOSM Okushiri-Mats 11.59 353 P Pn 17 53 05.2 -0.3

KSR Korea Arr 13.00 305 P Pn 17 53 26.7 +1.5

JKA Kamikawa-asahi 13.57 4 Pn Pn 17 53 30.8 -1.8

YSS Yuzhno-Sakhalii 16.41 4 Pn IAmB 17 54 10.1 -0.1

MDJ Mudanjiang 16.78 330 P Pn 17 54 14.6 -0.3

YHNB Yeheng 18.58 256 P Pn 17 54 36.3 -0.6

NACB Ninganchiao 18.59 255 P IAmB IAmB 17 54 59.2

BNX BinXian 18.63 328 P Pmax Pmax 17 54 38.1 +0.8

YULB Yu-li 19.17 253 P IAmB IAmB 17 54 42.7 -0.7

KLR comp=Z,2.7nm,1.3s 20.00 342 P Pn 17 54 52.1 -0.1

HEH Heihe Arr 22.25 336 P Pn 17 55 16.1 -0.4

HILR Hailar Arr B 24.97 326 P Pn 17 55 41.9 -1.2

HHC Hu-ho-hao-te 26.11 301 P Pmax Pmax 17 55 54.9 +1.3

SOMN Songino Array 31.72 313 P P 17 56 42.2 -1.3

SOMN Songino Array 31.72 313 P P 17 56 42.2 -1.3

CHTO Chiang Mai 39.99 263 P IAmB IAmB 17 57 56.7

TIXI Tiksi 41.69 354 P P 17 58 07.0 -0.8

ZALV Zalesovo Benet 46.38 317 P P 17 58 45.0 -0.6

JOHN Johnson Islan 46.77 96 P P 17 58 50.1 +0.9

MKAN Makanchi Arr 47.70 307 P P 17 58 55.1 -1.1

M14K Bethel 47.71 34 P P 17 58 56.1 +0.2

MAK2 Makanchi 47.92 307 P P 17 58 57.3 -0.5

O15K Ongalikthiurk 48.46 36 P P 17 59 02.7 +1.0

J17K VABM Dome 49.61 31 P IAmB IAmB 17 59 12.4 +1.9

KURK Kurchatov 50.03 313 P P 17 59 13.7 -0.2

KURK Kurchatov Arr 50.09 312 P P 17 59 13.7 -0.6

G18K Tagagawik 50.35 28 P IAmB IAmB 17 59 17.7 +1.6

L18K Granite Mounta 50.47 32 P IAmB IAmB 17 59 18.2 +1.2

WBO Warramunga Arr 50.47 188 P P 17 59 16.1 -1.4

WRA Warramunga Arr 50.65 188 P P 17 59 17.1 -1.8

FITZ Fitzroy Crossi 50.66 199 P P 17 59 17.9 -1.1

E19K Redstone River 51.28 26 IAmB IAmB 17 59 25.4

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

KRSC 13 17:54:06.7±1.5, 55°46'N; 166°11'E, h40km, 13km, MI3.7, Komandorsky Islands region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BKI Bering, KBTR Krutobergovo, MKZ Mys Kozlova, etc.

NNC 13 17:57:01.8±0.5, 36°77'N; 71°20'E, h0km, mb3.7, mpv3.3, 4C-1D, Error ellipse: s-maj=39.6km s-min=33.4km az=155.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KK31 Karatay Array, AAK Ala-Archa, AB31 Akbulak array, etc.

IDC 13 17:57:51.3±2.1, 9°11'S; 117°61'E, h0km, mb3.2/2, mbmp3.4/6, ML3.3/4, Error ellipse: s-maj=55.5km s-min=24.4km az=56.0

DJA 13 17:57:56.7±0.2, 9°3'11"S; 117°8'E, h10km, M4.2/25, mb6.2/1, mb4.2/19, MLv4.1/25, Mw(m)6.0/1

ISC 13 17:57:54.6±1.2, 9.04S; 0°07'117°82'E, 0.04, h16km, 8km, n26, e204/24, Sumbawa region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PLAI Plampang, DBNI Kabupaten Domp, LBF1 Labuhan Bajo, etc.

IDC 13 18:04:12.1±6.4, 6°70'S; 154°09'E, h107km, 50km, mb3.1/6, mbmp3.6/7, Error ellipse: s-maj=50.1km s-min=29.3km az=107.0

ISC 13 18:04:07.4±1.1, 6°8'S; 0°2'154°5'E, 0.2, h48km, n8, e19/12, 9, 2, 3, 4/5, Bougainville Solomon Islands 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.

ILAR Eielson Array 83.32 210 P P 18 01 31.0 +0.3

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes entries for KURBB, TORDD, and various other stations.

13d 18h: 51.5, 0.5, 6.28S, 154.46E, h0km, mb4.5/22, mb1mp4.5/25, ML3, 1/3, MS4.0/4, Error ellipse: s-maj=17.2km s-min=12.2km az=81.0 NEIC 13:18:07:53.5-1.9, 6.35S, 0.07E, h10km, 1km, mb4.8/23, Error ellipse: s-maj=13.0km s-min=10.0km az=47.0 BUJ 13:18:07:59.9, 5.25S, 154.66E, h51km, mB5.1/11, mB5.0/61, M54.3/1, M57 4.2/2 DJA 13:18:08:04.7, 0.6, 7.7S, 154.46E, h96km, 7km, M4.7/24, mb4.8/24, mB5.2/7, MLV4.8/2, Mw(mB)4.5/7 ISC 13:18:07:58.0, 0.6, 6.31S, 0.04, 154.35E, 0.05, h43km, 5km, n557, 1920/493, mb4.8/17, 2C, 2D, Bougainville-Solomon Islands region

Main table of station data for Bougainville-Solomon Islands region. Columns include Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like RABAU, HONIA, PORT MORESBY, MANUS ISLAND, etc.

Main table of station data for various regions. Columns include Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MWZ, WMGZ, MTHZ, etc.

Main table of station data for various regions. Columns include Code, Station Name, Azimuth, Elevation, Frequency, and other parameters. Includes stations like GTA2, Gaotai, Ulanbaatar, etc.

Table with columns: ID, Name, Az, El, Dist, Az, El, Dist, Az, El, Dist, Az, El, Dist. Includes entries like J30M Hart River, P33M Teslin, D27M Malco River, etc.

Table with columns: Code, Station Name, Az, El, Dist, Az, El, Dist, Az, El, Dist, Az, El, Dist. Includes entries like WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Arr, etc.

Table with columns: Code, Station Name, Az, El, Dist, Az, El, Dist, Az, El, Dist, Az, El, Dist. Includes entries like BIPH Bislig, DMPH Davao City-Mi, KCP Kidapawan, etc.

Table with columns: Code, Station Name, Az, El, Dist, Az, El, Dist, Az, El, Dist, Az, El, Dist. Includes entries like LTHK Lithakia, ORTH Orthonies,Zaky, KYPSS Kipseli, etc.

Table with columns: Code, Station Name, Az, El, Dist, Az, El, Dist, Az, El, Dist, Az, El, Dist. Includes entries like VLS Valsamata, DMLN Damouliana-K, DMLN Damouliana-K, etc.

Table with columns: Code, Station Name, Az, El, Dist, Az, El, Dist, Az, El, Dist, Az, El, Dist. Includes entries like VSK1 Vasilikiades, ITM Ithomi, AXS Araxos, etc.

Table with columns: Code, Station Name, Az, El, Dist, Az, El, Dist, Az, El, Dist, Az, El, Dist. Includes entries like SANVU Sarauotou, KOUNC Koumang, HNR Honiara, etc.

Table with columns: Code, Station Name, Az, El, Dist, Az, El, Dist, Az, El, Dist, Az, El, Dist. Includes entries like WBO Warramunga Arr, WRA Warramunga Arr, H11S2 WAKE ISLAND Hy, etc.

Table with columns: Code, Station Name, Az, El, Dist, Az, El, Dist, Az, El, Dist, Az, El, Dist. Includes entries like VWA Fitzroy Crossi, FWTZ Fitzroy Crossi, MORA Morawa, etc.

Table with columns: Code, Station Name, Az, El, Dist, Az, El, Dist, Az, El, Dist, Az, El, Dist. Includes entries like MKAR Makanchi Arr, ARCES ARCES Array B, ZALV Zalevo Beam, etc.

Table with columns: Code, Station Name, Az, El, Dist, Az, El, Dist, Az, El, Dist, Az, El, Dist. Includes entries like GLKZ Green Lake, MXZ Matakaoa Point, WNGZ Waiomatatini S, etc.

Table with columns: Code, Station Name, Az, El, Dist, Az, El, Dist, Az, El, Dist, Az, El, Dist. Includes entries like QUENC Queen Island, CTA Charters Tower, CTAO Charters Tower, etc.

BRTR	Keskin Array B	70.83 332	P	P	18 59 46.0	0.0
BRTR	Keskin Array B	70.83 332	P	P	18 59 46.0	0.0
BR131	Keskin Array S	70.83 332	P	P	18 59 46.2	+0.2
BR131	Keskin Array S	70.83 332	eP	P	18 59 49.1	+3.1
KBZ	Khabaz	70.84 340	eP	P	18 59 48.1	+2.4
comp=Z,1.2nm,0.8s,baz=69,slow=8.0,SNR=3.6						
KBZ	Khabaz	70.84 340	iP	P	18 59 48.9	+3.1
comp=Z,1.2nm,0.8s						
KBZ	Khabaz	70.84 340	iP	P	18 59 48.9	+3.1
comp=Z,5.0nm,1.6s						
SHA1	Shidzhatmaz	70.92 340	eP	P	18 59 49.1	+2.5
CTA	Charters Tower	71.03 104	LR	LR	19 27 27.4	
comp=Z,8.14nm,21.3s,baz=250,slow=33						
KIV	Kislovodsk	71.11 340	eP	P	18 59 50.1	+2.5
KIV	Kislovodsk	71.11 340	iP	P	18 59 50.1	+2.5
comp=Z,3.0nm,1.1s						
SOC	Sochi	71.75 338	eP	P	19 09 53.4	+2.1
SOC	Sochi	71.75 338	eP	P	19 02 32.1	
SOC	Sochi	71.75 338	eP	P	19 04 12.1	
SOC	Sochi	71.75 338	eP	P	19 09 14.2	+3.2
comp=Z,1.13nm,23.0s						
ZSN	Zaisan	71.80 11	eP	P	18 59 52.8	+1.2
ZSN	Zaisan	71.80 11	eP	P	18 59 52.8	+1.2
comp=Z,15nm,2.3s						
ZSN	Zaisan	71.80 11	eP	P	18 59 52.8	+1.2
comp=Z,16nm,2.3s						
ILGA	Ilgaz	71.89 333	P	I	18 59 52.2	-0.3
ILGA	Ilgaz	71.89 333	P	I	19 00 06.1	
GOF	Goftsoyko	72.00 341	eP	P	18 59 46.9	-5.9
MANT	Manisa	72.19 328	P	I	18 59 54.4	0.0
MANT	Manisa	72.19 328	P	I	19 01 42.4	
comp=Z,30nm,1.9s						
AB31	Akbulak array	72.63 354	P	P	18 59 56.0	-0.4
AB31	Akbulak array	72.63 354	P	P	18 59 56.4	0.0
NJ2	Nanjing	72.75 43	eP	P	18 59 58.5	+0.9
NJ2	Nanjing	72.75 43	eP	P	18 59 58.5	+0.9
comp=Z,25nm,1.8s						
BRZS	Berezinski	72.97 2	eP	P	18 59 59.8	+1.3
BRZS	Berezinski	72.97 2	eP	P	18 59 59.9	+1.4
SEM	Semipalatinsk	74.00 7	eP	P	19 00 05.7	+0.9
SEM	Semipalatinsk	74.00 7	eP	P	19 00 05.8	+0.9
KURBB	Kurchatov Arra	74.02 6	eP	P	19 00 04.3	-0.3
KURBB	Kurchatov Arra	74.02 6	eP	P	19 00 04.3	-0.3
comp=Z,1.0nm,0.7s,baz=20,slow=6.4,SNR=10						
HNS	HongShan	74.07 36	iP	P	19 00 06.7	+1.2
HNS	HongShan	74.07 36	iP	P	19 00 06.7	+1.2
comp=Z,1.0nm,1.0s						
HNS	HongShan	74.07 36	iP	P	19 00 06.7	+1.2
comp=Z,200nm,12.4s						
HNS	HongShan	74.07 36	iP	P	19 00 06.7	+1.2
comp=Z,330nm,14.3s						
HNS	HongShan	74.07 36	iP	P	19 00 06.7	+1.2
comp=Z,380nm,24.5s						
KURK	Kurchatov	74.12 6	iP	P	19 00 04.8	-0.4
KURK	Kurchatov	74.12 6	iP	P	19 00 05.5	+0.3
comp=Z,1.7nm,2.1s						
BTO2	Baotou	74.13 31	eP	P	19 00 07.5	+1.8
BTO2	Baotou	74.13 31	eP	P	19 00 12.3	-0.8
BTO2	Baotou	74.13 31	eP	P	19 00 14.5	+3.8
BTO2	Baotou	74.13 31	eP	P	19 09 40.6	+2.1
BTO2	Baotou	74.13 31	eP	P	19 09 48.8	+4.1
BTO2	Baotou	74.13 31	eP	P	19 14 26.8	+2.4
comp=Z,23nm,1.4s						
BTO2	Baotou	74.13 31	eP	P	19 00 06.7	+1.2
comp=Z,450nm,11.5s						
BTO2	Baotou	74.13 31	eP	P	19 00 06.7	+1.2
comp=Z,560nm,20.3s						
BTO2	Baotou	74.13 31	eP	P	19 00 06.7	+1.2
comp=Z,310nm,21.1s						
BTO2	Baotou	74.13 31	eP	P	19 00 06.7	+1.2
comp=Z,730nm,22.8s						
HHC	Hu-hao-te	75.03 32	eP	P	19 00 12.8	+1.9
HHC	Hu-hao-te	75.03 32	eP	P	19 00 12.8	+1.9
comp=Z,8.0nm,0.7s						
HHC	Hu-hao-te	75.03 32	eP	P	19 00 12.8	+1.9
comp=Z,98nm,4.0s						
TORD	Torodi Ar. Bea	75.13 292	P	P	19 00 13.4	+1.5
TORD	Torodi Ar. Bea	75.13 292	P	P	19 00 13.4	+1.5
comp=Z,4.0nm,1.2s,baz=144,slow=4.7,SNR=7.5						
TORD	Torodi Ar. Bea	75.13 292	P	P	19 00 13.4	+1.5
comp=Z,381nm,18.2s,baz=150,slow=35						
TORD	Torodi Ar. Bea	75.13 292	P	P	19 00 13.4	+1.5
comp=Z,4.0nm,1.2s						
TORD	Torodi Ar. Bea	75.13 292	P	P	19 00 13.4	+1.5
comp=Z,1.1nm,18.1s,baz=256,slow=36						
RDO	Rodhopi	75.72 328	P	P	19 00 14.2	-0.5
BVAR	Borovyoye Array	75.96 1	P	P	19 00 14.8	-1.2
comp=Z,1.2nm,0.7s,baz=159,slow=6.1,SNR=7.4						
BORK	Borovyoye	75.98 1	P	P	19 00 15.4	-0.5
BORK	Borovyoye	75.98 1	P	P	19 00 15.4	-0.5
comp=Z,8.0nm,1.0s						
LIT	Litokhoron	76.50 325	P	P	19 00 19.2	0.0
LIT	Litokhoron	76.50 325	P	P	19 00 50.0	
comp=Z,24nm,1.7s						
LIT	Litokhoron	76.50 325	P	P	19 00 19.2	0.0
comp=Z,24nm,1.7s						
LIT	Litokhoron	76.50 325	P	P	19 00 19.2	0.0
comp=Z,24nm,1.7s						
BJT	Baijiatuu	76.76 35	P	I	19 00 19.9	-0.7
BJT	Baijiatuu	76.76 35	P	I	19 02 47.5	
comp=Z,28nm,1.9s						
BJT	Baijiatuu	76.76 35	P	I	19 00 19.9	-0.7
comp=Z,28nm,1.9s						
TIRR	Tirguzor	76.94 331	P	P	19 00 21.0	-0.5
TIRR	Tirguzor	76.94 331	P	P	19 00 21.0	-0.5
comp=Z,8.0nm,1.2s						
KNGR	Kungurtug, Tuv	77.72 18	eP	P	19 00 27.3	+1.3
KNGR	Kungurtug, Tuv	77.72 18	eP	P	19 00 27.3	+1.3
comp=Z,8.0nm,1.3s						
DBIC	Dimbokro	77.98 283	LR	LR	19 32 50.1	
ZAA0	Zalesovo Array	78.08 9	P	I	19 00 26.1	-1.6
ZAA0	Zalesovo Array	78.08 9	P	I	19 00 34.7	
comp=Z,12nm,1.1s						
ZALV	Zalesovo Beam	78.08 9	P	P	19 00 27.6	-0.1
comp=Z,3.2nm,0.8s,baz=188,slow=5.9,SNR=15						
ZALV	Zalesovo Beam	78.08 9	P	P	19 00 27.6	-0.1
comp=Z,3.2nm,0.8s						
ZALV	Zalesovo Beam	78.08 9	P	P	19 00 27.6	-0.1
comp=Z,3.0nm,0.8s						
SONM	Songino Array	78.32 25	P	P	19 00 29.6	+0.3
comp=Z,1.1nm,0.9s,baz=214,slow=5.3,SNR=12						
SONM	Songino Array	78.32 25	P	P	19 00 29.3	-0.1
SONM	Songino Array	78.32 25	P	P	19 00 29.3	-0.1
comp=Z,10.0nm,1.3s						
ULN	Ulaanbaatar	78.60 25	P	I	19 00 29.3	-1.6
ULN	Ulaanbaatar	78.60 25	P	I	19 00 42.3	
comp=Z,12nm,1.3s						
ULN	Ulaanbaatar	78.60 25	eP	P	19 00 29.7	-1.2
comp=Z,12nm,1.4s						
ULN	Ulaanbaatar	78.60 25	eP	P	19 00 32.6	+1.7
MLR	Muntele Rosu	78.84 331	P	I	19 00 30.9	-1.4
MLR	Muntele Rosu	78.84 331	P	I	19 00 45.5	
comp=Z,8.2nm,1.0s						
MLR	Muntele Rosu	78.84 331	P	I	19 00 30.9	-1.4
comp=Z,8.0nm,1.0s						
VAE	Valguarna	79.29 319	LR	LR	19 03 28.4	
ZAK	Zakamensk	79.33 22	eP	P	19 00 35.3	+0.5
ZAK	Zakamensk	79.33 22	eP	P	19 00 35.3	+0.5
comp=Z,9.0nm,2.0s						
XLT	XiLinHaoTe	79.53 33	eP	P	19 00 36.3	+0.3
XLT	XiLinHaoTe	79.53 33	eP	P	19 00 36.3	+0.3
comp=Z,9.0nm,0.9s						
XLT	XiLinHaoTe	79.53 33	eP	P	19 00 36.3	+0.3
comp=Z,25nm,18.4s						
XLT	XiLinHaoTe	79.53 33	eP	P	19 00 36.3	+0.3
comp=Z,210nm,15.7s						
XLT	XiLinHaoTe	79.53 33	eP	P	19 00 36.3	+0.3
comp=Z,270nm,24.6s						
ARTI	Arti	79.83 354	c/P	P	19 00 38.9	+1.6
ARTI	Arti	79.83 354	c/P	P	19 03 34.3	

ARTI	Arti	79.83 354	c/P	P	19 00 38.9	+1.6
ARTI	Arti	79.83 354	c/P	P	19 03 34.3	
comp=Z,8.0nm,1.6s						
TLY	Talaya	80.55 21	LR	LR	19 37 31.0	
comp=Z,101nm,18.4s,baz=201,slow=37						
TLY	Talaya	80.55 21	P	P	19 00 41.2	-0.1
TLY	Talaya	80.55 21	c/P	P	19 00 42.7	+1.4
TLY	Talaya	80.55 21	c/P	P	19 00 42.7	+1.4
comp=Z,12nm,1.8s						
BURAR	Bucovina Array	80.79 332	P	P	19 00 41.5	-1.3
IRK	Irkutsk	81.24 21	eP	P	19 00 44.5	-0.4
IRK	Irkutsk	81.24 21	eP	P	19 00 44.5	-0.4
comp=Z,22nm,2.0s						
JNU	Nakatsuo	81.33 48	LR	LR	19 33 04.8	
comp=Z,44nm,21.9s,baz=210,slow=33						
AKASO	Malin Array Be	81.58 336	P	P	19 00 46.8	0.0
comp=Z,0.6nm,0.5s,baz=144,slow=4.2,SNR=7.8						
AKASO	Malin Array Be	81.58 336	P	P	19 00 46.8	0.0
AKASO	Malin Array Be	81.58 336	eP	P	19 00 47.9	+1.2
AKASO	Malin Array Be	81.58 336	eP	P	19 00 47.9	+1.2
comp=Z,1.0nm,0.7s						
AKAB	Malin Array Si	81.58 336	iP	P	19 00 46.5	-0.2
AKAB	Malin Array Si	81.58 336	iP	P	19 00 48.4	+1.7
AKAB	Malin Array Si	81.58 336	iP	P	19 00 48.4	+1.7
comp=Z,6.0nm,1.0s						
ODZ	Otahua Downs	81.63 135	P	P	19 00 45.6	-1.8
FOZ	Fox Glacier	81.71 134	P	P	19 00 46.2	-1.6
KRVY	Keravai (AS076)	81.89 91	LR	LR	19 34 43.5	
comp=Z,30nm,21.1s,baz=156,slow=34						
KSAR	Wonju Array Be	81.89 43	P	P	19 00 47.6	-1.1
KSAR	Wonju Array Be	81.89 43	P	P	19 00 47.6	-1.1
KSRS	Korea Array	81.92 43	P	P	19 00 49.1	+0.2
comp=Z,7.7nm,0.8s,baz=231,slow=5.0,SNR=7.6						
CN2	Changchun	84.40 37	P	P	19 01 01.5	0.0
CN2	Changchun	84.40 37	P	P	19 01 01.5	0.0
comp=Z,10.0nm,0.6s						
CIT	Chita	84.45 26	eP	P	19 01 02.4	+0.7
CIT	Chita	84.45 26	eP	P	19 12 52.1	
comp=Z,55nm,2.5s						
PMSA	Palmer Station	85.10 198	LR	LR	19 34 01.9	
comp=Z,243nm,18.0s,baz=139,slow=32						
ARSA	Arzberg	85.11 327	P	P	19 01 04.7	-0.3
OJC	Ojcow	85.12 331	P	P	19 01 04.4	-0.7
OJC	Ojcow	85.12 331	P	P	19 01 04.4	-0.7
KLMM	Klimovskoe	87.16 346	eP	P	19 01 16.2	+1.4
KLMM	Klimovskoe	87.16 346	eP	P	19 01 16.2	+1.4
comp=Z,22nm,1.4s						
HNR	Honiara	87.17 99	LR	LR	19 39 46.1	
comp=Z,9.5nm,18.0s,baz=341,slow=35						
MJAR	Matsushiro Arr	88.25 49	P	P	19 01 20.5	-0.2
MJAR	Matsushiro Arr	88.25 49	P	P	19 01 20.5	-0.2
comp=Z,1.3nm,1.0s,baz=223,slow=2.1,SNR=4.1						
MJAR	Matsushiro Arr	88.25 49	P	P	19 01 19.2	-1.5
MJAR	Matsushiro Arr	88.25 49	P	P	19 01 23.1	
comp=Z,15nm,1.7s						
MJAR	Matsushiro Arr	88.25 49	P	P	19 01 19.2	-1.5
comp=Z,15nm,1.7s						
USRK	Ussuriysk Ar.	88.39 40	P	P	19 01 20.6	-0.5
comp=Z,1.7nm,0.7s,baz=203,slow=3.5,SNR=4.4						
COLL	Collin	89.02 329	eP	P	19 01 25.0	+1.1
COLL	Collin	89.02 329	eP	P	19 01 31.0	
comp=Z,24nm,2.2s						
COLL	Collin	89.02 329	eP	P	19 01 25.0	+1.1
comp=Z,24nm,2.2s						
COLL	Collin	89.02 329	eP	P	19 01 31.0	
HEH	Heihe	89.51 33	eP	P	19 01 25.4	-0.8
MDT	Midelt	89.63 306	LR	LR	19 41 14.2	
comp=Z,133nm,19.9s,baz=150,slow=35						
KLR	Kul'dur	91.15 36	P	P	19 01 33.5	-0.4
comp=Z,2.8nm,1.0s,baz=239,slow=7.0,SNR=6.2						
KLR	Kul'dur	91.15 36	P	P	19 44 41.5	
comp=Z,278nm,18.1s,baz=204,slow=37						
KLR	Kul'dur	91.15 36	eP	P	19 01 34.5	+0.6
KLR	Kul'dur	91.15 36	eP	P	19 01 34.5	+0.6
comp=Z,9.0nm,1.4s						
ESDC	Edwards Array	92.				

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Rows include 017K Koliganek Bris, N16K Nishlik Lake, L14K Kukka Creek, P18K Big Mountain, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Rows include I20K Naaghedeneel, TRF Thorofare Moun, WAT1 Susitna Watana, KAIM Kayak Island, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Rows include P29M Windy Craggy, P29M Windy Craggy, YUK4 Outpost Mounta, YUK4 Talbot Arm, etc.

T35M	baz=244,SNR=30	21.15	62	P	P	19 06 54.6	+1.1
E29M	Blow River baz=232,SNR=30	21.22	29	P	P	19 06 54.6	+0.6
MMPY	Sheldon Lake, baz=256,SNR=144	21.25	47	P	P	19 06 56.1	+1.6
DLBC	Dease Lake comp=Z,9.2nm,1.0s, slow=6.5,SNR=12	21.27	58	P	P	19 06 56.3	+1.5
DLBC	Dease Lake	21.27	58	P	P	19 06 55.6	+0.8
F30M	Barrier River baz=238,SNR=39	21.43	32	P	P	19 06 57.5	+1.1
PET	Petrovavlovsk	21.45	287	P	P	19 06 56.1	-0.6
PET	PET			I	I	19 07 08.5	
PET	comp=Z,36nm,1.1s	21.45	287	P	P	19 06 56.1	-0.6
D28M	Petrovavlovsk	21.56	26	P	P	19 06 58.3	+0.6
G31M	Satah River baz=230	21.60	34	P	P	19 06 59.2	+1.1
PEA0B	Petrovavlovsk	22.00	287	P	P	19 07 01.9	-0.7
PEA0B	PEA0B			I	I	19 07 26.6	
PEA0B	comp=Z,53nm,1.1s	22.00	287	P	P	19 07 01.9	-0.7
PEA0B	PEA0B			p	p		
PETK	Petrovavlovsk	22.00	287	P	P	19 07 02.5	0.0
PETK	comp=Z,7.1nm,0.6s, baz=78,slow=12,SNR=9.0	22.00	287	P	P	19 07 01.9	-0.7
PETK	comp=Z,7.1nm,0.6s	22.00	287	P	P	19 07 01.9	-0.7
PETK	Petrovavlovsk	22.00	287	P	P	19 07 01.9	-0.7
F31M	TSiaghtechic	22.03	33	P	P	19 07 03.5	+0.7
INK	Inuvik	22.53	31	P	P	19 07 08.1	+0.1
INK	INK			I	I	19 07 11.4	
INK	comp=Z,32nm,0.8s	22.53	31	P	P	19 07 08.1	+0.1
INK	INK			p	p		
INK	comp=Z,32nm,0.8s	22.53	31	P	P	19 07 08.6	+0.5
INK	Inuvik	22.53	31	P	P	19 07 08.6	+0.5
KOTAN	Kotaneleele Air baz=269	24.38	54	P	P	19 07 28.0	+1.5
SEY	Seymchan	24.48	313	P	P	19 07 28.9	+1.6
SEY	SEY			p	p		
WRGLY	Wrigley baz=263	24.87	47	P	P	19 07 32.7	+1.9
MA2	Magadan	25.10	305	P	P	19 07 33.2	+0.3
MA2	MA2			I	I	19 07 47.6	
MA2	comp=Z,22nm,1.1s	25.10	305	P	P	19 07 33.3	+0.3
MA2	MA2			p	p		
C36M	Paulatuk	26.08	33	P	P	19 07 41.9	+0.2
C36M	C36M			I	I	19 07 50.4	
C36M	comp=Z,23nm,1.1s	26.08	33	P	P	19 07 43.7	+2.0
C36M	Paulatuk	26.08	33	P	P	19 07 43.7	+2.0
A36M	Sachs Harbour	26.77	27	P	P	19 07 49.0	+1.1
A36M	Sachs Harbour	26.77	27	P	P	19 07 49.8	+1.9
LLL	Lillooet	27.26	75	P	P	19 07 52.0	-0.7
YKA	Yellowknife Ar comp=Z,0.5nm,0.5s, baz=267,slow=7.8,SNR=4.9	28.89	49	P	P	19 08 08.0	+0.9
YKA	YKA			P	P	19 11 15.7	0.0
YKA	comp=Z,1.8nm,0.7s, baz=278,slow=2.2,SNR=7.4	29.92	88	P	P	19 08 16.3	-0.2
YKA	comp=Z,0.5nm,0.5s	29.92	88	P	P	19 08 20.2	
I04A	Tendick Farm,	29.92	88	P	P	19 08 16.3	-0.2
I04A	I04A			I	I	19 08 20.2	
WAH2	Wahluke Slope	30.23	81	P	P	19 08 19.0	0.0
WAH2	WAH2			I	I	19 08 21.9	
M02C	Callahan	30.96	93	P	P	19 08 25.5	-0.2
M02C	M02C			I	I	19 08 32.0	
K05A	Summer Lake	31.43	89	P	P	19 08 31.7	+1.8
K05A	K05A			I	I	19 08 33.7	
TYV	Tymovskoe	31.53	289	P	P	19 08 40.1	+1.0
TYV	TYV			p	p		
TYV	comp=Z,14nm,1.2s	31.53	289	P	P	19 08 40.1	+1.0
TYV	TYV			p	p		
I07A	Ize	31.57	86	P	P	19 08 32.2	+1.2
I07A	I07A			I	I	19 08 34.4	
O03E	Paynes Creek	32.25	94	P	P	19 08 37.5	+0.5
O03E	O03E			I	I	19 08 39.5	
WVOR	Wild Horse Val	32.98	88	P	P	19 08 43.9	+0.4
WVOR	WVOR			I	I	19 08 46.7	
WVOR	comp=Z,8.3nm,0.9s	32.98	88	P	P	19 08 43.9	+0.4
WVOR	WVOR			p	p		
YSS	Yuzhno-Sakhal	33.14	282	P	P	19 08 44.7	+0.1
YSS	YSS			p	p		
BEKR	Beckworth	33.39	93	P	P	19 08 47.6	+0.5
TIXI	Tiksi	34.14	329	P	P	19 08 52.6	-0.4
TIXI	Tiksi	34.14	329	P	P	19 08 54.3	+1.3
TIXI	TIXI			p	p		
CMB	Columbia Colle	34.50	96	P	P	19 08 57.4	+0.8
CMB	Columbia Colle	34.50	96	P	P	19 08 57.4	+0.8
CMB	CMB			p	p		
JKA	Kamikawa-asahi	34.65	278	P	P	19 08 57.1	-0.6
JKA	JKA			I	I	19 09 09.1	
ASAJ	Asahikawa	34.65	278	P	P	19 08 57.1	-0.7
ASAJ	ASAJ			p	p		
HLJD	Haley	34.97	83	P	P	19 09 01.5	+0.7
YAK	Yakutsk	35.00	312	P	P	19 08 59.7	-0.8
YAK	Yakutsk	35.00	312	P	P	19 09 02.3	+1.8
YAK	YAK			p	p		
NVAR	Mina Array Bea	35.53	93	P	P	19 09 07.5	+1.8
NVAR	comp=Z,1.2nm,0.7s, baz=287,slow=2.6,SNR=3.9	35.53	93	P	P	19 11 34.8	+0.2
NVAR	comp=Z,5.6nm,0.7s, baz=295,slow=8.5,SNR=12	35.53	93	P	P	19 11 34.8	+0.2
NVAR	comp=Z,5.6nm,0.7s	35.53	93	P	P	19 09 06.4	+0.7
NVAR	Mina Array Bea	35.53	93	P	P	19 11 34.4	-0.2
EGMT	Eagleton	35.55	74	P	P	19 09 05.7	+0.1
EGMT	EGMT			I	I	19 09 07.7	
ELK	Elko	36.04	88	P	P	19 09 10.6	+0.5
ELK	Elko	36.04	88	P	P	19 09 10.6	+0.5
ELK	ELK			p	p		
HVU	Hansel Valley	36.97	84	P	P	19 09 19.2	+1.4
HVU	Hansel Valley	36.97	84	P	P	19 09 19.2	+1.4
HVU	HVU			p	p		
CLC	China Lake	37.63	96	P	P	19 09 24.4	+1.0
CLC	China Lake	37.63	96	P	P	19 09 24.4	+1.0
CLC	CLC			p	p		
DUG	Dugway, Tooele	37.86	87	P	P	19 09 26.1	+0.7
DUG	DUG			I	I	19 09 28.9	
DUG	comp=Z,20nm,1.2s	37.86	87	P	P	19 09 26.1	+0.7
DUG	Dugway, Tooele	37.86	87	P	P	19 09 26.1	+0.7
PD31	Pinedale Array	38.38	81	P	P	19 09 30.2	+1.0
PD31	Pinedale Array	38.38	81	P	P	19 09 30.9	+1.0
PD31	comp=Z,5.9nm,0.6s, baz=305,slow=5.0,SNR=35	38.38	81	P	P	19 11 42.5	-0.7
PDAR	comp=Z,0.5nm,0.5s, baz=5.2,slow=4.2,SNR=1.7	38.38	81	P	P	19 09 30.5	+0.6
PDAR	comp=Z,5.9nm,0.6s	38.38	81	P	P	19 09 30.9	+1.0
H11N2	WAKE ISLAND Hy	38.57	224	T	T	19 50 33.2	
H11N3	WAKE ISLAND Hy	38.57	224	T	T	19 50 33.2	
BJR	Kul'dur	38.57	291	P	P	19 09 30.5	-0.6
KLR	KLR			p	p		
H11N1	WAKE ISLAND Hy	38.58	224	T	T	19 50 32.9	
H11N1	baz=24						
ZEA	Zeya	39.03	300	P	P	19 09 36.0	+1.1
MTPU	Mount Pierson	39.56	89	P	P	19 09 40.5	+0.6
H11S1	WAKE ISLAND Hy	39.75	223	T	T	19 52 05.5	
H11S2	WAKE ISLAND Hy	39.75	223	T	T	19 52 10.7	
H11S3	WAKE ISLAND Hy	39.75	223	T	T	19 51 54.8	
PFO	Pinyon Flats O	39.80	98	P	P	19 09 42.5	+0.8
PFO	Pinyon Flats O	39.80	98	P	P	19 09 43.4	+1.7
PFO	PFO			p	p		
BORC	Borrego Spring	40.05	98	P	P	19 09 44.2	+0.5
BORC	BORC			I	I	19 09 46.4	
HEH	Hualapai Mount	40.39	94	P	P	19 09 47.4	+0.7
HEH	HeiHe	40.54	295	P	P	19 09 47.5	+0.1
HEH	HEH			P	P	19 11 49.3	-0.2
USRK	Ussuriysk Ar.	41.04	285	P	P	19 09 51.0	-0.7
USRK	comp=Z,4.4nm,0.8s, baz=60,slow=12,SNR=4.3	41.04	285	P	P	19 09 51.0	-0.7
USRK	Ussuriysk Ar.	41.04	285	P	P	19 09 51.0	-0.7
WUJZ	Wupatki	41.66	91	P	P	19 09 57.4	+0.7
WUJZ	WUJZ			I	I	19 09 59.4	
VLA	Vladivostok	41.71	283	P	P	19 09 57.7	+1.5
VLA	VLA			p	p		
MJAR	Matsushiro Arr	41.81	271	P	P	19 09 57.9	-0.2
MJAR	comp=Z,4.4nm,0.9s, baz=46,slow=7.1,SNR=17	41.81	271	P	P	19 09 57.9	-0.2
MJAR	Matsushiro Arr	41.81	271	P	P	19 09 57.4	-0.7
MAJO	Matsushiro	41.81	271	P	P	19 09 57.5	+0.6
MAJO	MAJO			I	I	19 09 59.0	
MAJO	Matsushiro	41.81	271	P	P	19 09 57.7	-0.4
MAJO	MAJO			p	p		
IMVCO	Lac du Bonnet	42.35	87	P	P	19 10 02.9	0.0
ULM	Lac du Bonnet	42.44	63	P	P	19 10 03.5	+0.5
ULM	comp=Z,7.3nm,0.8s, baz=316,slow=8.2,SNR=5.2	42.35	87	P	P	19 10 02.9	0.0
PSTR	Peysay	42.63	283	P	P	19 10 05.3	+0.6
BNX	BinXian	42.90	289	P	P	19 10 06.6	-0.2
BNX	BNX			p	p		
JGF	Kuroka	42.94	271	P	P	19 10 06.6	-0.8
JGF	JGF			I	I	19 10 09.1	
SDCO	Great Sand Dun	43.87	84	P	P	19 10 14.6	-0.5
TUC	Tucson	44.17	94	P	P	19 10 17.6	+0.2
TUC	TUC			I	I	19 10 19.4	
TUC	comp=Z,7.0nm,0.8s	44.17	94	P	P	19 10 17.6	+0.2
TUC	TUC			p	p		
NEEM	North Greenlan	44.76	16	P	P	19 10 23.2	+1.5
NEEM	NEEM			I	I	19 10 24.9	
T25A	Trinidad	44.92	84	P	P	19 10 23.0	-0.4
T25A	T25A			I	I	19 10 26.0	
ANMO	Albuquerque	45.08	88	P	P	19 10 25.2	+0.5
ANMO	Albuquerque	45.08	88	P	P	19 10 25.6	+0.9
ANMO	ANMO			p	p		
CN2	Changchun	45.15	288	P	P	19 10 22.4	-2.5
CN2	CN2			p	p		
HILR	Hailar Array B	45.15	298	P	P	19 10 24.8	-0.1
HILR	comp=Z,4.0nm,0.7s, baz=91,slow=8.6,SNR=2.0	45.15	298	P	P	19 10 24.8	-0.1
HILR	HILR			P	P	19 12 06.4	+1.3
HILR	comp=Z,1.3nm,0.3s, baz=57,slow=10,SNR=4.5	45.15	298	P	P	19 10 24.8	-0.1
HILR	comp=Z,4.0nm,0.7s	45.15	298	P	P	19 10 24.8	-0.1
HIA	Hailar	45.31	297	P	P	19 10 26.1	0.0
HIA	HIA			I	I	19 10 28.8	
HIA	comp=Z,11nm,1.2s	45.31	297	P	P	19 10 27.6	+1.4
HIA	HIA			p	p		
NOR	Nord	45.63	6	P	P	19 10 29.6	+1.4
NOR	NOR			I	I	19 10 31.0	
121A	Cookes Peak, D	45.87	92	P	P	19 10 31.6	+0.6
KSR5	Korea Array	47.55	279	P	P	19 10 44.0	+0.1
KSR5	comp=Z,2.2nm,0.9s, baz=52,slow=7.0,SNR=9.6	47.55	279	P	P	19 10 44.0	+0.1
KSR5	comp=Z,2.2nm,0.9s						

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like MAKZ Makanchi, ARTI Arti, KIRV Kirov, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like SIUN Universidad Ur, ARSB Arslanbob, SUW Suwalki, etc.

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes entries like BANI SHAA, KHC KHC, GERS GERS Array B, etc.

MAN 13 19:14:50.0; 10:29N; 126:35E, h9km, MS3.9
NEIC 13 19:14:56.0; 0.9; 10:14N; 0:02E; 126:1E; 0:1, h66km, 7km,

mb4.4/23, Error ellipse: s-maj=20.7km s-min=3.3km az=89.0

IDC 13 19:14:59.4z.2.1, 10:13N:126:05E, h96km, 20km, mb3.6/19, mbmp3.9/20, Error ellipse: s-maj=25.9km s-min=11.5km az=77.0

ISC 13 19:14:55.2z.1.0, 10:19N:0:04:126:17E:0:07, h54km, 10km, n72, e174/83, mb4.1/28, Philippine Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like SCPH Surigao, TSSP Tandag City, PLP Palo, etc.

comp=Z, 1.5nm, 1.0s MAW Mawson 89.59 200 P P 19 27 46.2 -0.3

CGC 13 19:30:17.0z.2.0, 15:35N:94:66W, h67km, 999km, MD4.9, M5.0, Presumed earthquake

CATAC 13 19:30:20.1, 15:2N:2:9 5Wz, h15km, 6km, M4.8/10, mb5.0/4, mb5.5/2, MLv4.7/10, Mw(mB)5.0/2, confirmed

MEX 13 19:30:21.2z.0.7, 15:43N:94:60W, h18km, 9km, MD4.4, NEIC 13 19:30:22.3z.2.1, 15:45N:0:10:94:50W:0.06, h35km, 21km, mb4.2/23, Error ellipse: s-maj=16.0km s-min=2.0km

IDC 13 19:30:24.6z.4.8, 15:66N:94:45W, h62km, 29km, mb3.4/10, mbmp3.7/12, MLv3.4/2, Error ellipse: s-maj=7.3km s-min=1.8km az=30.0

ISC 13 19:30:20.9z.1.6, 15:55N:0:04:94:60W:0.02, h32km, 11km, n114, e255/158, mb3.5/10, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like CARR Arriaga, HUIG Huatulco, CMIG Matias Romero, etc.

INVM La Marquesa 5.89 310 eP Pn 19 31 51.1 +4.7

LOOK Love County 18.51 353 P Pn 19 34 37.5 +2.5

LOOK Love County 18.51 353 P Pn 19 34 37.5 +2.5

LOOK Love County 18.51 353 P Pn 19 34 37.5 +2.5

LOOK Love County 18.51 353 P Pn 19 34 37.5 +2.5

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LOOK Love County 18.51 353 P Pn 19 34 37.5 +2.5

LOOK Love County 18.51 353 P Pn 19 34 37.5 +2.5

LOOK Love County 18.51 353 P Pn 19 34 37.5 +2.5

LOOK Love County 18.51 353 P Pn 19 34 37.5 +2.5

LOOK Love County 18.51 353 P Pn 19 34 37.5 +2.5

LOOK Love County 18.51 353 P Pn 19 34 37.5 +2.5

LOOK Love County 18.51 353 P Pn 19 34 37.5 +2.5

IDC 13 19:33:38.8z.1.6, 4:58S:153:85E, h0km, mb3.5/5, mbmp3.5/5, M3.0/1, Error ellipse: s-maj=61.9km

ISC 13 19:33:44.0z.1.6, 4:65S:0:3:153:9E:0:5, h35km, n7, e95/45/8, mb3.4/5, New Ireland region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like GUMO Guam, WRA Warramunga Arr, etc.

DJA 13 19:42:06.7z.0.4, 4:4S:12:9E:1, h122km, 5km, M3.6/12, mb4.2/3, MLv3.4/12, Seram

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like NLAI Namlea, SANI Sanana, etc.

SOME 13 20:07:51.0, 39:65N:74:65E, h5km

IDC 13 20:07:53.0z.0.6, 39:46N:74:73E, h0km, mb3.8/22, mbmp3.8/27, ML2.8/4, M3.6/3, Error ellipse: s-maj=12.1km s-min=1.0km az=56.0

NEIC 13 20:07:56.1z.6, 39:63N:0:05:74:84E:0:06, h10km, 1km, mb4.3/35, Error ellipse: s-maj=9.5km s-min=7.3km az=160.0

KRNET 13 20:07:56.3z.0.1, 39:67N:74:61E, h35km, mb4.4, NNC 13 20:07:57.4z.1.4, 39:83N:74:83E, h0km, mb4.3, mpv4.0, Error ellipse: s-maj=11.1km s-min=7.1km az=171.0

ISC 13 20:07:54.4z.1.1, 39:66N:0:03:74:70E:0:02, h5km, 7km, n188, e205/237, mb4.2/40, AAC-22D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists various stations like KSH2 Kashi, SFK Sufi-Kurgan, etc.

GUMU	Guam	23.69 113	P	P	20 24 05.7 -0.7
GUMU	Guam	23.69 113	P	P	20 24 05.7 -0.7
GUMU	comp-Z,598nm,1.2s				
TNTI	Ternate	23.88 168	P	P	20 24 10.7 +2.6
TNTI	Ternate	23.88 168	P	P	20 24 08.2 +0.1
TNTI	comp-Z,164nm,1.0s				20 24 32.0
TNTI	Ternate	23.88 168	P	P	20 24 10.1 +2.0
LKP	Lekhapani	24.13 283	I	I	20 24 01.5
LKP	comp-Z,151nm,1.1s				
GTA2	Gaotai	24.41 314	P	P	20 24 03.3 +0.4
GTA2	comp-Z,2umcomp-Z,156nm,0.9s				20 24 25.6 -2.0
GTA2	comp-Z,2umcomp-Z,156nm,0.9s				20 27 51.8 +1.1
GTA2	comp-Z,2umcomp-Z,156nm,0.9s				20 28 26.5 -2.1
GTA2	comp-Z,2umcomp-Z,156nm,0.9s				20 28 47.3 -5.9
GTA2	comp-Z,2umcomp-Z,156nm,0.9s				20 31 25.1 +0.8
GTA2	comp-Z,190nm,1.0s				
GTA2	comp-Z,710nm,6.3s				
GTA2	comp-Z,2um,14.3s				
GTA2	comp-Z,2um,17.8s				
JEM	Ermo	24.63 39	P	P	20 24 14.2 -0.5
HIA	Hailar	25.00 356	P	P	20 24 18.5 +0.4
HIA	Hailar	25.00 356	P	P	20 24 16.5 -1.6
HIA	Hailar	25.00 356	P	P	20 24 16.5 -1.6
HIA	comp-Z,70nm,1.0s				
APSI	Ampana	25.08 182	P	P	20 24 21.2 +2.2
APSI	comp-Z,3umcomp-Z,267nm,1.0s				
PCI	Palu	25.20 186	P	P	20 24 23.4 +3.3
LWUI	Luwuk	25.20 179	P	P	20 24 23.0 +2.9
LWUI	Luwuk	25.20 179	P	P	20 24 20.2 +0.1
LWUI	Luwuk	25.20 179	P	P	20 24 23.0 +2.9
LWUI	comp-Z,3umcomp-Z,263nm,1.2s				
HILR	Hailar Array B	25.29 356	P	P	20 24 19.7 -1.0
HILR	comp-Z,25nm,0.7s,baz=180,slo=8.9,SNR=18				
HILR	comp-Z,2.8nm,0.5s,baz=183,slo=22,SNR=1.6				20 28 41.7 -0.6
HILR	comp-Z,1um,20.5s,baz=110,slo=39				20 35 28.0
MOKO	MOKOCHONG	25.32 280	eP	P	20 24 21.7 +0.3
MOKO	comp-Z,25nm,0.7s				20 25 06.2
KOHI	KOHIMA	25.71 279	eP	P	20 24 24.6 -0.3
KOHI	comp-Z,36nm,1.0s				20 24 52.9
ZIRO	ZIRO	25.91 283	eP	P	20 24 28.9 +2.2
ZIRO	comp-Z,212nm,1.7s				20 25 15.9
IMP	Imphal	25.92 277	eP	P	20 24 26.6 -0.1
IMP	comp-Z,56nm,1.3s				20 25 04.9
KLR	Kuldur	25.92 14	P	P	20 24 25.7 -0.6
KLR	comp-Z,22nm,0.7s,baz=231,slo=9.1,SNR=65				
KLR	comp-Z,1.2nm,0.9s,baz=294,slo=5.5,SNR=6.2				20 27 53.3 -0.4
KLR	comp-Z,4.8nm,0.9s,baz=284,slo=2.6,SNR=7.5				20 31 26.4 -1.8
KLR	comp-Z,1um,18.8s,baz=199,slo=38				20 35 32.0
KLR	Kuldur	25.92 14	eP	P	20 24 25.2 -1.2
KLR	comp-Z,22nm,0.7s				
BKB	Balikpapan	25.99 193	P	P	20 24 27.7 +0.5
BKB	Balikpapan	25.99 193	P	P	20 24 25.8 -1.5
BKB	Balikpapan	25.99 193	P	P	20 24 50.2
BKB	comp-Z,247nm,1.1s				
BKB	Balikpapan	25.99 193	P	P	20 24 26.9 -0.3
HEH	HeiHe	26.18 7	eP	P	20 24 27.8 -0.9
HEH	comp-Z,52nm,1.2s				20 27 53.6 -0.7
HEH	comp-Z,800nm,5.3s				20 28 58.6 +2.4
HEH	comp-Z,2um,16.3s				
HEH	comp-Z,720nm,15.1s				
HEH	comp-Z,2um,17.3s				
SANI	Sanana	26.43 172	P	P	20 24 33.9 +2.7
SANI	Sanana	26.43 172	P	P	20 24 31.4 +0.2
SANI	comp-Z,1umcomp-Z,97nm,1.1s				
SUJI	Sorong	26.45 160	LR	LR	20 34 07.3
SUJI	comp-Z,420nm,22.0s,baz=7.5,slo=34				
SUJI	Sorong	26.45 160	P	P	20 24 31.8 +0.4
ULN	Ulaanbaatar	26.50 336	P	P	20 24 31.6 -0.2
ULN	Ulaanbaatar	26.50 336	P	P	20 24 33.2
ULN	Ulaanbaatar	26.50 336	eP	P	20 24 31.7 -0.2
ULN	comp-Z,186nm,1.1s				
ULN	Ulaanbaatar	26.50 336	P	P	20 24 31.9 +0.1
ULN	Ulaanbaatar	26.50 336	P	P	20 24 31.6 -0.2
GOMU	GeErMu	26.56 303	P	P	20 24 33.1 +0.3
GOMU	comp-Z,3umcomp-Z,188nm,1.0s				20 27 55.8 -0.2
GOMU	comp-Z,3umcomp-Z,188nm,1.0s				20 29 03.6 +0.3
GOMU	comp-Z,30nm,1.3s				
GOMU	comp-Z,500nm,7.9s				
GOMU	comp-Z,530nm,8.8s				
SOMM	Songino Array	26.72 336	P	P	20 24 33.9 +0.1
SOMM	comp-Z,170nm,0.9s,baz=150,slo=9.0,SNR=528				
SOMM	comp-Z,18nm,1.1s,baz=176,slo=3.2,SNR=10.0				20 27 55.7 -0.1
SOMM	comp-Z,3.9nm,1.0s,baz=145,slo=3.0,SNR=7.2				20 31 28.7 -2.1
SOMM	comp-Z,2um,19.5s,baz=147,slo=39				20 36 25.0
SOMM	Songino Array	26.72 336	P	P	20 24 33.7 0.0
SOMM	comp-Z,2umcomp-Z,188nm,1.0s				20 27 56.3 +0.5
SOMM	comp-Z,2umcomp-Z,188nm,1.0s				20 31 30.1 -0.6
SOMM	comp-Z,2umcomp-Z,188nm,1.0s				20 24 39.0 +2.1
YUK	Yuzh-Kuril'sk	27.44 380	eP	P	20 24 40.2 +0.1
TAWA	Tawang	27.66 283	eP	P	20 24 45.0 +2.3
TAWA	comp-Z,48nm,1.0s				20 25 14.4
SHL	Shillong	27.73 279	P	P	20 24 43.0 -0.1
SHL	Shillong	27.73 279	P	P	20 25 16.8
SHL	Shillong	27.73 279	P	P	20 27 59.1 +0.4
SHL	Shillong	27.73 279	P	P	20 24 44.7 +1.6
SHL	Shillong	27.73 279	eP	P	20 24 44.0 +1.0
SHL	Shillong	27.73 279	P	P	20 25 16.4
NLAI	Namlea	27.75 170	P	P	20 24 46.0 +2.9
YSS	Yuzhno-Sakhal	27.82 31	P	P	20 24 44.6 +1.2
YSS	Yuzhno-Sakhal	27.82 31	P	P	20 24 42.9 -0.6
YSS	Yuzhno-Sakhal	27.82 31	P	P	20 24 46.5
YSS	Yuzhno-Sakhal	27.82 31	eP	P	20 24 42.7 -0.7
YSS	Yuzhno-Sakhal	27.82 31	e	S	20 25 05.2 +0.1
YSS	Yuzhno-Sakhal	27.82 31	e	S	20 25 36.3
YSS	Yuzhno-Sakhal	27.82 31	e	S	20 29 17.2 -4.9
YSS	Yuzhno-Sakhal	27.82 31	e	S	20 30 35.9 -4.5
YSS	comp-Z,300nm,3.9s				
YSS	comp-E,100nm,2.8s				
YSS	comp-N,60nm,1.0s				
YSS	comp-Z,100nm,1.0s				
YSS	comp-E,60nm,0.8s				
YSS	comp-Z,800nm,14.0s				

GUWA	GUAHATI	27.86 280	eP	P	20 24 45.1 +1.1
GUWA	comp-E,800nm,15.0s				20 25 10.6
RKPI	Ransiri Papua	28.08 154	P	P	20 24 47.1 +1.1
BRDH	Bariadiala	28.28 273	LR	LR	20 38 44.8
LSA	Lhasa	28.35 288	P	P	20 24 49.4 +0.4
LSA	Lhasa	28.35 288	P	P	20 24 51.0 +2.0
LSA	Lhasa	28.35 288	P	P	20 24 51.8 +2.8
LSA	comp-Z,42nm,1.0s				
LSA	comp-Z,560nm,14.0s				
LSA	comp-Z,1um,24.1s				
LSA	comp-Z,2um,23.7s				
LSA	Lhasa	28.35 288	P	P	20 24 49.4 +0.4
LSA	Lhasa	28.35 288	P	P	20 24 49.4 +0.4
CIT	Chita	28.50 348	eP	P	20 24 48.0 -1.5
CIT	comp-Z,42nm,1.0s				20 25 05.2
CIT	comp-Z,42nm,1.0s				20 28 00.2
CIT	comp-Z,42nm,1.0s				20 31 12.0
CIT	comp-Z,119nm,2.0s				
GRNR	Gornyy	28.54 19	P	P	20 24 48.2 -1.6
GRNR	comp-Z,10.0nm,0.9s				
GRNR	comp-E,630nm,20.0s				
GRNR	comp-N,870nm,21.0s				
GRNR	comp-Z,600nm,15.0s				
FAKI	Fak Fak	28.69 159	P	P	20 24 54.2 +2.7
FAKI	Fak Fak	28.69 159	P	P	20 24 51.2 -0.3
FAKI	Fak Fak	28.69 159	P	P	20 24 51.6 +0.1
FAKI	Fak Fak	28.69 159	P	P	20 24 53.6 +1.8
MYKOM	Kota Tinggi	28.72 222	P	P	20 24 52.5 +0.7
MYKOM	Kota Tinggi	28.72 222	P	P	20 24 52.0 +0.2
MYKOM	Kota Tinggi	28.72 222	P	P	20 24 57.1 +1.9
BTDF	Bukit Timah Da	29.11 221	P	P	20 24 56.7 +1.5
BTDF	Bukit Timah Da	29.11 221	P	P	20 36 19.0
KAPI	Kappang	29.27 186	P	P	20 24 56.0 -0.5
KAPI	Kappang	29.27 186	P	P	20 24 56.0 -0.5
KAPI	Kappang	29.27 186	P	P	20 24 56.0 -0.5
KAPI	Kappang	29.27 186	P	P	20 25 05.2 +8.7
KAPI	Kappang	29.27 186	P	P	20 24 56.4 -0.2
DHUB	DHUBRI	29.39 280	eP	P	20 24 58.5 +0.9
DHUB	comp-Z,21nm,1.1s				20 25 24.4
ZEA	Zeya	29.61 6	eP	P	20 24 58.8 -0.4
ZEA	comp-Z,100nm,4.1s				20 35 30.2
ZEA	comp-Z,100nm,4.1s				
ZEA	comp-N,20nm,1.2s				
ZEA	comp-Z,40nm,1.5s				
ZEA	comp-N,700nm,19.0s				
ZAK	Zakamensk	29.98 335	eP	P	20 25 01.4 -1.3
ZAK	comp-Z,42nm,1.3s				20 26 03.0
ZAK	comp-Z,20nm,1.6s				
TYV	Tymovskoe	30.76 25	eP	P	20 25 06.8 -2.6
TYV	comp-Z,16nm,1.4s				
TYV	comp-Z,300nm,5.0s				
Talya	Talya	30.90 337	P	P	20 25 10.7 0.0
TLY	Talya	30.90 337	P	P	20 28 05.8 -0.2
TLY	comp-Z,8.5nm,0.8s,baz=159,slo=1.9,SNR=3.5				20 38 27.9
TLY	comp-Z,1um,20.6s,baz=136,slo=38				
TLY	Talya	30.90 337	P	P	20 25 10.2 -0.5
TLY	comp-Z,71nm,0.9s				20 25 11.9
TLY	Talya	30.90 337	P	P	20 28 06.6 +0.5
TLY	Talya	30.90 337	P	P	20 25 10.9 +0.1
TLY	Talya	30.90 337	P	P	20 25 10.8 0.0
TLY	Talya	30.90 337	P	P	20 25 24.4 -1.2
TLY	Talya	30.90 337	P	P	20 25 07.0 +1.0
TLY	Talya	30.90 337	P	P	20 25 12.0 -0.9
TLY	Talya	30.90 337	P	P	20 35 41.6
PSI	Prapat	31.20 230	P	P	20 25 15.3 +1.4
PSI	Prapat	31.20 230	P	P	20 25 14.0 +0.1
PSI	Prapat	31.20 230	P	P	20 25 15.1 +1.2
PSI	Prapat	31.20 230	P	P	20 25 14.0 -0.3
BKNI	BKNI	31.61 224	I	I	20 25 16.3 -1.0
BKNI	comp-Z,61nm,0.6s				20 25 42.7
MOY	Mondy	31.89 334	eP	P	20 25 18.7 -0.8
MOY	comp-Z,142nm,1.7s				
JAY	Jayapura	32.02 144	LR	LR	20 36 01.0
BSI	Banda Aceh	32.11 239	P	P	20 25 24.3 +2.5
EVN	Everest	32.13 284	P	P	20 25 22.8 +0.6
EVN	comp-Z,2umcomp-Z,188nm,1.0s				20 25 16.3 +1.0
MNSI	Mandailing Nat	32.20 227	P	P	20 25 23.0 +0.5
KNGR	Kungtung, Tu	32.58 330	eP	P	20 25 25.3 -0.3
KNGR	comp-Z,64nm,1.1s				
PPI	Padang Panjang	32.62 224	P	P	20 25 28.2 +2.1
PPI	comp-Z,40nm,1.0s				
MMRI	Maumere	32.75 180	P	P	20 25 29.4 +2.2
MMRI	Maumere	32.75 180	P	P	20 25 27.8 +0.6
MMRI	Maumere	32.75 180	P	P	20 25 29.5 +2.2
GSI	Gunungsitoli	33.20 230	P	P	20 25 30.1 -1.2
GSI	comp-Z,64nm,1.4s				20 26 15.0
BOK	Bokaro	33.34 277	eP	P	20 25 34.6 +2.1
SNJI	Sawahnan-Gbanju	33.56 199	P	P	20 25 36.5 +2.0
SNJI	comp-Z,125nm,0.8s				
KLSI	Maura Dua	33.60 213	P	P	20 25 36.6 +1.9
MSDI	Maura Dua	33.71 214	P	P	20 25 38.6 +3.0
GAYA	Gaya	33.80 279	eP	P	20 25 37.8 +1.4
GAYA	comp-Z,23nm,0.6s				20 25 41.7
SOEI	Soe	33.90 177	P	P	20 25 39.9 +2.5
SOEI	Soe	33.90 177	P	P	20 25 37.6 +0.1
SOEI	Soe	33.90 177	P	P	20 26 33.9
SOEI	comp-Z,67nm,1.0s				
SOEI	Soe				

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for various stations.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for various stations.

Table with columns: Call sign, Frequency, Mode, Power, and other technical details for various stations.

ISK 13 20:21:11.4, 38°03'N, 26°75'E, h7km, ML3, 1/19
ATH 13 20:21:11.8, 38°03'N, 26°80'E, h13km, 1km, ML2, 6/8
Latitude uncertainty: 0 km; Longitude uncertainty: 1 km
AFAD 13 20:21:11.7, 38°02'N, 26°76'E, h6km, 1km, ML2, 8
THE 13 20:21:12.2, 38°N, 1°2'7E, h4km, 2km, M2, 5/8, MLh2, 5/8
ISC 13 20:21:12.0, 38°04'N, 02°26.78E, 0.02, h10km, 6km.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, and other technical details for various stations.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CAMT, AYDB, IZMR, AYDN, ZEDA, DKL, etc.

Table with columns: LREZ, HOWZ, HOVZ, NGWZ, etc. Includes station names like Lake Rotokare, Holdsworth Sta, Chateau Observ, etc.

Table with columns: SCAC, CULC, WIGC, HAES, etc. Includes station names like Scargill, Culverden Airl, Waiuri Gorge, etc.

AUST 13 20:24:53.0, 0.4, 32.3, 11.8E, h10km, ML2.5/5, Error ellipse: s-maj=6.7km s-min=5.5km az=73.9

CUPWA 13 20:24:53.6, 5.31, 86.5, 117.90E, h4km, ML2.6, Region: WESTERN AUSTRALIA, Western Australia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KLBR, MECK, PING, NWAQ, etc.

Table with columns: MSWZ, WATZ, TRWZ, etc. Includes station names like Moikau Station, Wairua, Traveller, etc.

Table with columns: GCSZ, WATZ, TRWZ, etc. Includes station names like Gaunt Creek Bo, Wairua, Traveller, etc.

WEL 13 20:39:14.0, 0.40, 0.175, 24E, ML3.7, Mw3.7, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; M1=2.05; M2=3.12; M3=6.21; M4=0.84; M5=0.89; M6=0.50;

Fault plane solution: Ms=2.9000x10^14 NP1: 0.321, 0.0000, 0.559, 0.0000, 1.58, 0.0000; NP2: 0.192, 0.0000, 0.433, 0.0000, 1.32, 0.0000; Principal axes: T=2.060, P1g1=0.000, Azm180.000; N=0.5610, P1g2=0.000, Azm339.000; P=2.7680, P1g3=0.000, Azm73.0000; Stations used: BFZ BKZ KHEZ MRZ OTVZ PXZ RATZ TRVZ TSZ VRFZ WAZ WHVZ REVERSE FAULTING

WEL 13 20:39:13.8, 0.4, 0.40, 0.175, 24E, h26km, 4km, M3.8/13, ML3.8/13, MLV3.8/13 Error ellipse: s-maj=4.7km s-min=2.7km az=68.9 confirmed

NOU 13 20:39:14.1, 40.075, 175.18E, h27km, MLV3.9/21, North Island, New Zealand

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WCDW, OHWZ, FAHS, WAZ, etc.

Table with columns: URZ, URZ, URZ, etc. Includes station names like Urewera, East Takamaki Re, Pakihi, etc.

Table with columns: DJA, PTWC, GCMT, etc. Includes station names like 28.7, 0.3, 19N, 2.14, 5E, etc.

NOU 13 21:05:42.3, 42.79S, 173.51E, h7km, MLV3.6/12, South Island, New Zealand

WEL 13 21:05:43.5, 0.4, 43.3, 17.4E, h16km, 3km, M3.1/22, ML3.0/22, MLV3.1/22, Error ellipse: s-maj=5.5km s-min=2.5km az=126.6, confirmed

ISC 13 21:05:43.1, 1.1, 42.80S, 0.03, 173.62E, 0.04, h16km, 8km, n119, 0.090/130, South Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CECS, KIKS, KHZ, etc.

Table with columns: CECS, KIKS, KHZ, etc. Includes station names like Cheviot Emerge, Kaitiaki, Kahutara, etc.

Table with columns: IDZ, GFTZ, etc. Includes station names like 29.1, 0.4, 18.90N, 145.11E, h611km, 4km, etc.

Mn-2.71; Mse 1.18; Mss 1.52; Mre-0.36; Msk-1.24; Mgr-0.04;
 Fault plane solution: M2.68000x10¹⁸ NP1;
 0.324,78000°, 643.12000°, -1.81.31000°. NP2;
 0.132,95000°, 647.49000°, -1.98.05000°. Principal axes:
 T 2.6167, P1g2.0000°, Azm229.0000°; N 1.0286,
 P1g6.0000°, Azm138.0000°; P -2.7454, P1g84.0000°,
 Azm339.0000°;
 NEIC 13 21:08:30.5, 1.893N, 145.11E, h615km
 h622km, 1km, mb5.7/221, Mw6.2/139, Mw6.2/71 Error
 ellipse: s-maj=13.8km s-min=13.0km az=241.0, Moment
 Tensor Solution: Moment tensor: Scale 10¹⁷ Nm
 Mn-2.96; Mse 1.84; Mss 0.47; Mre-1.34; Mgr 0.07;
 Fault plane solution: M2.95000x10¹⁸ NP1;
 0.136,51000°, 648.66000°, -1.98.02000°. NP2;
 0.328,56000°, 641.98000°, -1.80.99000°. Principal axes:
 T 2.8890, P1g3.0000°, Azm232.0000°; N 1.0267,
 P1g6.0000°, Azm142.0000°; P -3.0157, P1g83.0000°,
 Azm351.0000°;
 NEIC 13 21:08:30.1, 18.92N, 145.11E, h615km
 BUI 13 21:08:30.0, 19.20N, 145.15E, h612km, mB6.0/63,
 mb5.9/97
 IPGP 13 21:08:30.0, 18.92N, 145.11E, h606km, Mw6.3, Fault
 plane solution: NP1=0.3120000°, 640.00000°,
 -1.90.0000°. NP2=0.1320000°, 650.00000°,
 -1.90.00000°

ISC 13 21:08:29.4 0.2, 18.89N, 145.10E, h619km, 1km,
 h619km, pP-P, n2237, c1f58/3088, mb5.8/373, 95C-217D,
 Mariana Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
DPSS	Saipan	3.69	170	Op	21 09 50	-3.4
DPSS	Saipan	3.69	170	S	21 09 50	-4.3
DPSS	Saipan	3.69	170	S	21 09 57	-6.2
FLX	Saipan	3.69	169	P	21 09 51	-3.2
GUMO	Guam	5.27	182	P	21 10 03	-2.5
GUMO	Guam	5.27	182	P	21 10 03	-2.2
GUMO	Guam	5.27	182	P	21 10 03	-2.5
GUMO	Guam	5.27	182	P	21 10 03	-2.7
GUMO	Guam	5.27	182	P	21 10 01	-3.8
CBIJ	Chichijima	8.60	342	P	21 10 33	-1.1
CBIJ	Chichijima	8.60	342	S	21 12 15	-2.8
JCJ	Chichijima	8.60	342	S	21 10 33	-1.7
JCJ	Chichijima	8.60	342	S	21 12 14	-3.4
JCJ	Chichijima	8.60	342	S	21 10 34	-0.8
JCJ	Chichijima	8.60	342	S	21 12 16	-1.5
JCJ	Chichijima	8.60	342	S	21 10 33	-1.4
JCJ	Chichijima	8.60	342	S	21 10 34	-0.8
JCJ	Chichijima	8.60	342	S	21 10 37	-1.3
JCJ	Chichijima	8.60	342	S	21 11 33	+0.5
JCJ	Chichijima	8.60	342	S	21 14 05	+2.9
JCJ	Chichijima	8.60	342	S	21 11 31	+0.2
JCJ	Chichijima	8.60	342	S	21 11 31	-1.2
JCJ	Chichijima	8.60	342	S	21 11 33	+0.9
JCJ	Chichijima	8.60	342	S	21 11 35	+0.1
JCJ	Chichijima	8.60	342	S	21 14 02	+0.3
JCJ	Chichijima	8.60	342	S	21 11 35	-0.4
JCJ	Chichijima	8.60	342	S	21 11 35	-0.8
JCJ	Chichijima	8.60	342	S	21 11 35	-0.7
JCJ	Chichijima	8.60	342	S	21 11 35	-0.7
JCJ	Chichijima	8.60	342	S	21 14 05	-3.4
JHJ	Hachioji jima 2	14.95	343	P	21 11 55	+1.2
JHJ	Hachioji jima 2	14.95	343	P	21 11 55	+1.2
JHJ	Hachioji jima 2	14.95	343	P	21 11 55	+1.6
JHJ	Hachioji jima 2	14.95	343	P	21 11 55	+1.4
JHJ	Hachioji jima 2	14.95	343	P	21 11 55	+1.2
JHJ	Hachioji jima 2	14.95	343	P	21 11 57	+1.8
JHJ	Hachioji jima 2	14.95	343	P	21 14 03	+0.5
JHJ	Hachioji jima 2	14.95	343	P	21 11 56	+0.2
JHJ	Hachioji jima 2	14.95	343	P	21 14 26	-1.9
JHJ	Hachioji jima 2	14.95	343	P	21 14 26	-1.9
JHJ	Hachioji jima 2	14.95	343	P	21 11 56	-0.3
JHJ	Hachioji jima 2	14.95	343	P	21 14 50	+5.3
JHJ	Hachioji jima 2	14.95	343	P	21 11 59	+1.2
JHJ	Hachioji jima 2	14.95	343	P	21 14 46	-2.4
JHJ	Hachioji jima 2	14.95	343	P	21 18 41	-0.6
JHJ	Hachioji jima 2	14.95	343	P	21 22 23	+0.6
JHJ	Hachioji jima 2	14.95	343	P	21 11 59	+0.8
JHJ	Hachioji jima 2	14.95	343	P	21 11 59	+0.4
JHJ	Hachioji jima 2	14.95	343	P	21 11 59	+0.4
JHJ	Hachioji jima 2	14.95	343	P	21 11 59	+1.0
JHJ	Hachioji jima 2	14.95	343	P	21 11 59	+1.0
JHJ	Hachioji jima 2	14.95	343	P	21 12 01	+0.8
JHJ	Hachioji jima 2	14.95	343	P	21 12 00	+0.5
JHJ	Hachioji jima 2	14.95	343	P	21 12 04	+1.2
JHJ	Hachioji jima 2	14.95	343	P	21 12 04	+1.2
JHJ	Hachioji jima 2	14.95	343	P	21 14 57	+1.7
JHJ	Hachioji jima 2	14.95	343	P	21 12 03	+0.6
JHJ	Hachioji jima 2	14.95	343	P	21 11 53	+0.7
JHJ	Hachioji jima 2	14.95	343	P	21 12 03	+0.3
JHJ	Hachioji jima 2	14.95	343	P	21 14 58	-0.2
JHJ	Hachioji jima 2	14.95	343	P	21 12 03	+0.6
JHJ	Hachioji jima 2	14.95	343	P	21 14 57	+1.0
JHJ	Hachioji jima 2	14.95	343	P	21 12 03	+0.5
JHJ	Hachioji jima 2	14.95	343	P	21 12 03	+0.3
JHJ	Hachioji jima 2	14.95	343	P	21 12 04	+0.6
JHJ	Hachioji jima 2	14.95	343	P	21 12 04	+0.4
JHJ	Hachioji jima 2	14.95	343	P	21 14 59	+1.0
JHJ	Hachioji jima 2	14.95	343	P	21 12 04	+0.4
JHJ	Hachioji jima 2	14.95	343	P	21 12 04	+0.2
JHJ	Hachioji jima 2	14.95	343	P	21 12 04	-0.1
JHJ	Hachioji jima 2	14.95	343	P	21 12 04	-0.1
JHJ	Hachioji jima 2	14.95	343	P	21 12 07	+1.2
JHJ	Hachioji jima 2	14.95	343	P	21 12 06	+0.6
JHJ	Hachioji jima 2	14.95	343	P	21 12 06	+0.6
JHJ	Hachioji jima 2	14.95	343	P	21 12 06	+0.2
JHJ	Hachioji jima 2	14.95	343	P	21 12 09	-1.3
JHJ	Hachioji jima 2	14.95	343	P	21 12 08	-3.0
JHJ	Hachioji jima 2	14.95	343	P	21 15 06	-1.8
JHJ	Hachioji jima 2	14.95	343	P	21 18 43	-0.9
JHJ	Hachioji jima 2	14.95	343	P	21 12 09	+5.1
JHJ	Hachioji jima 2	14.95	343	P	21 18 43	-1.0
JHJ	Hachioji jima 2	14.95	343	P	21 12 09	-0.1
JHJ	Hachioji jima 2	14.95	343	P	21 12 08	-1.0
JHJ	Hachioji jima 2	14.95	343	P	21 12 09	-0.6
JHJ	Hachioji jima 2	14.95	343	P	21 12 08	-1.0
JHJ	Hachioji jima 2	14.95	343	P	21 12 09	-0.3
JHJ	Hachioji jima 2	14.95	343	P	21 12 09	-0.4
JHJ	Hachioji jima 2	14.95	343	P	21 15 02	+2.4
JHJ	Hachioji jima 2	14.95	343	P	21 12 09	+0.1
JHJ	Hachioji jima 2	14.95	343	P	21 15 14	+6.4
JHJ	Hachioji jima 2	14.95	343	P	21 12 10	+1.0
JHJ	Hachioji jima 2	14.95	343	P	21 12 10	-0.1
JHJ	Hachioji jima 2	14.95	343	P	21 12 14	+0.4
JHJ	Hachioji jima 2	14.95	343	P	21 18 44	-1.1
JHJ	Hachioji jima 2	14.95	343	P	21 12 14	+0.4
JHJ	Hachioji jima 2	14.95	343	P	21 12 14	+0.4
JHJ	Hachioji jima 2	14.95	343	P	21 12 14	+0.6
JHJ	Hachioji jima 2	14.95	343	P	21 12 13	+0.6
JHJ	Hachioji jima 2	14.95	343	P	21 18 43	-2.1
JHJ	Hachioji jima 2	14.95	343	P	21 12 13	+0.2
JHJ	Hachioji jima 2	14.95	343	P	21 12 13	+0.2
JHJ	Hachioji jima 2	14.95	343	P	21 12 13	+0.2
JHJ	Hachioji jima 2	14.95	343	P	21 15 12	-2.4
JHJ	Hachioji jima 2	14.95	343	P	21 12 15	+1.2
JHJ	Hachioji jima 2	14.95	343	P	21 12 25	0.0
JHJ	Hachioji jima 2	14.95	343	P	21 12 25	-0.1
JHJ	Hachioji jima 2	14.95	343	P	21 12 25	-0.1
JHJ	Hachioji jima 2	14.95	343	P	21 12 25	-0.1
JHJ	Hachioji jima 2	14.95	343	P	21 12 29	+0.8

JTU	Tsushima	20.91	321	Op	21 12 30	+0.4
MANU	Manus Island	20.92	174	P	21 12 30	+0.1
MANU	Manus Island	20.92	174	P	21 12 30	+0.2
MANU	Manus Island	20.92	174	P	21 12 30	+0.1
MANU	Manus Island	20.92	174	P	21 12 34	+1.2
YOJ	Yonaguni jima	21.25	289	S	21 12 34	+0.8
YOJ	Yonaguni jima	21.25	289	S	21 12 34	+0.8
YOJ	Yonaguni jima	21.25	289	P	21 12 34	+0.8
YOJ	Yonaguni jima	21.25	289	P	21 12 34	+0.8
YOJ	Yonaguni jima	21.25	289	P	21 12 34	+1.2
JAY	Jayapura	21.70	192	P	21 12 38	+0.6
JAY	Jayapura	21.70	192	P	21 12 38	+0.6
JAY	Jayapura	21.70	192	P	21 16 13	+0.7
JAY	Jayapura	21.70	192	P	21 16 13	+0.7
JAY	Jayapura	21.70	192	P	21 16 53	+0.6
JAY	Jayapura	21.70	192	P	21 12 38	+0.7
JAY	Jayapura	21.70	192	P	21 12 39	+0.2
BAKI	Biak	21.82	205	P	21 12 40	+1.5
GENI	Geniem	21.89	193	P	21 12 40	+1.3
GENI	Geniem	21.89	193	P	21 12 40	+1.0
GENI	Geniem	21.89	193	P	21 12 40	+1.0
GENI	Geniem	21.89	193	P	21 12 40	+1.3
JTM	Tennabayahsi	22.10	352	P	21 12 42	+1.2
JTM	Tennabayahsi	22.10	352	S	21 16 04	+1.3
JTM	Tennabayahsi	22.10	352	P	21 12 41	+0.6
JTM	Tennabayahsi	22.10	352	P	21 12 40	+0.4
JTM	Tennabayahsi	22.10	352	P	21 12 40	+1.0
JTM	Tennabayahsi	22.10	352	P	21 16 07	-0.2
JTM	Tennabayahsi	22.10	352	P	21 12 46	+1.4
DAV	Davao City (W)	22.32	241	P	21 16 09	+2.2
DAV	Davao City (W)	22.32	241	P	21 12 43	0.0
DAV	Davao City (W)	22.32	241	P	21 12 43	+0.7
DAV	Davao City (W)	22.32	241	P	21 12 43	+0.7
DAV	Davao City (W)	22.32	241	P	21 16 09	-0.3
DAV	Davao City (W)	22.32	241	P	21 16 09	-0.3
DAV	Davao City (W)	22.32	241	P	21 12 40	+0.7
DAV	Davao City (W)	22.32	241	P	21 12 40	+0.7
DAV	Davao City (W)	22.32	241	P	21 12 43	

Table with columns for station name, frequency, and signal strength. Includes stations like SONM, SONM, SONM, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like YAK, YAK, YAK, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like PPI, RPSI, PDSI, etc.

KIP	comp-Z,360nm,1.4s	pmx	pmx				
SHBG	Sahibganj	53.30	288	eP	P	21	16 54.1 +1.5
GAMB	Gambell	53.50	22	P	P	21	16 54.1 +0.9
GAMB	Gambell	53.50	22	P	P	21	16 54.4 +1.2
GAMB	baz=234,SNR=20			S	S	21	23 42.6 +2.0
AUCAS	Cummins Area S	53.60	190	P	P	21	16 55.2 +0.8
TIXI	Tiksi	53.62	354	P	P	21	16 53.7 -0.3
TIXI	comp-Z,82nm,0.4s, baz=136,slow=5.0,SNR=55			S	S	21	23 40.9 -1.1
TIXI	comp-Z,16nm,0.9s, baz=272,slow=23,SNR=18			S	S		
TIXI	Tiksi	53.62	354	P	P	21	16 53.7 -0.3
TIXI	Tiksi	53.62	354	d/P	P	21	16 53.6 -0.3
TIXI				pmx	pmx		
WMQ	Urumqi	53.76	311	P	P	21	16 57.4 +1.8
WMQ				P	P	21	17 52.8 +1.4
WMQ				pP	pP	21	18 49.4 +0.6
WMQ				sP	sP	21	19 53.8 -1.3
WMQ				PcS	PcS	21	21 50.3 -1.4
WMQ				SsS	SsS	21	23 47.8 +2.9
WMQ				SsS	SsS	21	25 41.3 +0.4
WMQ				SS	SS	21	27 06.8 -2.2
WMQ				SS	SS	21	27 42.4 +3.9
WMQ	comp-Z,630nm,1.1s			pmx	pmx		
WMQ	comp-Z,2um,3.7s			pmx	pmx		
EVN	Everest	53.81	291	P	P	21	16 58.5 +1.6
EVN				IAmb	IAmb	21	17 00.1
EVN	comp-Z,467nm,0.7s						
AUMAR	Marden Senior	53.81	291	P	P	21	16 58.5 +1.6
M11K	Mekoryuk	53.87	28	P	P	21	16 56.5 +0.5
M11K	baz=242,SNR=9.9			S	S	21	16 57.3 +1.4
M11K				S	S	21	23 48.5 +2.9
AUDAR	Daramalan Coll	53.97	176	P	P	21	16 57.8 +0.7
AUMBR	Murray Bridge	54.00	186	P	P	21	16 57.8 +0.6
AUMTS	Mt Stromlo	54.03	176	P	P	21	16 58.3 +0.8
CAN	Canberra	54.03	176	P	P	21	16 58.9 +1.4
CAN	comp-Z,155nm,1.1s						
CAN	Canberra	54.03	176	P	P	21	16 58.3 +0.8
CAN	Canberra	54.03	176	P	P	21	16 58.6 +1.1
CAN	Canberra	54.03	176	P	P	21	16 58.6 +1.1
CAN				pmx	pmx		
AUMHS	Melrose High S	54.08	176	P	P	21	16 58.7 +0.9
AUHS	Uludaulla High	54.19	175	P	P	21	16 59.8 +1.3
SDPT	Sand Point	54.64	35	P	P	21	17 01.6 +0.2
SDPT	Sand Point	54.64	35	P	P	21	17 01.9 +0.5
SDPT	baz=251,SNR=69			S	S	21	23 56.0 +0.2
AUMAG	Moama Anglican	54.69	180	P	P	21	17 03.1 +1.2
KMBL	Kambalda	54.71	204	P	P	21	17 02.4 +0.1
KHLH	Kahului Airpor	54.76	77	P	P	21	17 04.8 +1.9
CNBA	Chernabura Isl	54.96	36	P	P	21	17 04.0 +0.4
CHNA	Chernabura Isl	54.96	36	P	P	21	17 04.3 +0.7
CHNA	Chernabura Isl	54.96	36	P	P	21	17 04.2 +0.5
CHNA	baz=252,SNR=11			S	S	21	24 01.1 +1.1
BOK	Bokaro	55.04	286	eP	P	21	17 06.4 +1.6
BOK				IAmb	IAmb	21	17 08.1
AUSMG	Snowy Mountain	55.10	177	P	P	21	17 05.9 +0.9
M13K	Dali Lake	55.15	28	P	P	21	17 06.3 +1.5
M13K	baz=245,SNR=70			S	S	21	24 05.9 +3.8
K13K	Kusilvak Mount	55.26	26	P	P	21	17 06.8 +1.2
K13K	baz=242,SNR=222			S	S	21	24 06.3 +2.6
STMR	SITAMARHI	55.27	290	eP	P	21	17 08.2 +1.9
MORW	Morawa	55.32	211	P	P	21	17 07.0 +0.4
MORW	Morawa	55.32	211	P	P	21	17 06.9 +0.4
MORW	Morawa	55.32	211	P	P	21	17 08.3 +0.3
MORW				IAmb	IAmb	21	17 08.1
MORW	comp-Z,180nm,0.6s						
MORW	Morawa	55.32	211	P	P	21	17 06.7 +0.2
ARPS	Mount Arapiles	55.44	183	P	P	21	17 08.0 +0.9
S14K	Fog Glacier	55.44	34	P	P	21	17 07.9 +0.8
S14K	baz=251			S	S	21	24 06.6 +0.2
GAYA	Gaya	55.51	288	eP	P	21	17 09.3 +1.3
BWNR	Bhubaneshwar	55.60	282	eP	P	21	17 09.7 +1.0
BWNR				IAmb	IAmb	21	17 11.7
O14K	Tiguykaret M	55.64	30	P	P	21	17 08.9 +0.6
O14K	baz=247,SNR=68			S	S	21	24 09.7 +1.1
N14K	Kuskokwak Cree	55.70	29	P	P	21	17 09.5 +0.8
N14K	baz=247,SNR=96			S	S	21	24 11.6 +2.2
DAH	Dandelion	55.72	79	P	P	21	17 10.9 +1.0
MILA	Mila	55.77	176	P	P	21	17 10.7 +1.2
POHA	Pohakuloa	55.78	79	P	P	21	17 11.2 +1.0
TRH	Trail	55.82	79	P	P	21	17 10.9 +0.2
L14K	Kuka Creek	55.84	27	P	P	21	17 10.7 +1.1
L14K	baz=245,SNR=71			S	S	21	24 13.3 +2.2
TNA	Tin City	55.85	22	P	P	21	17 10.1 +0.5
TNA	Tin City	55.85	22	P	P	21	17 10.7 +1.1
TNA	baz=237,SNR=17			S	S	21	24 12.3 +1.2
M14K	Bethel	55.91	28	P	P	21	17 11.2 +1.1
M14K	baz=246,SNR=115			S	S	21	24 14.3 +2.2
CHGN	Chignik	56.05	34	P	P	21	17 11.1 0.0
CHGN				IAmb	IAmb	21	17 12.7
CHGN	comp-Z,186nm,0.6s						
CHGN	Chignik	56.05	34	P	P	21	17 11.2 +0.1
CHGN	baz=252,SNR=45			S	S	21	24 12.1 -1.8
BRAT	Ballarat	56.14	181	P	P	21	17 13.2 +1.2
TOO	Toolangi	56.16	180	P	P	21	17 13.5 +1.3
TOO	Toolangi	56.16	180	P	P	21	17 13.2 +1.1
TOO	Toolangi	56.16	180	P	P	21	17 13.2 +1.1
TOO				pmx	pmx		
TOO	Toolangi	56.16	180	P	P	21	17 13.3 +1.1
AUMTC	Mt Clear Colle	56.20	181	P	P	21	17 13.4 +1.0
ANM	Norne	56.25	23	P	P	21	17 13.3 +0.9
ANM	baz=240,SNR=51			S	S	21	24 18.4 +2.1
ZSN	Zaisan	56.26	315	d/P	P	21	17 14.3 +1.5
ZSN				eS	eS	21	24 20.6 +3.5
ZSN	comp-Z,438nm,1.8s			pmx	pmx		
ZSN	Zaisan	56.26	315	P	P	21	17 14.4 +1.5
ZSN	comp-Z,438nm,1.8s						
BLDU	Ballidu	56.28	210	P	P	21	17 13.6 +0.5
BLDU	Ballidu	56.28	210	P	P	21	17 13.7 +0.9
O15K	Ballidu	56.28	210	P	P	21	17 13.6 +0.5
O15K	Ballidu	56.30	30	P	P	21	17 13.7 +0.9
O15K	baz=249,SNR=135			S	S	21	24 18.4 +1.3
F14K	Arctic Creek	56.37	22	P	P	21	17 14.2 +1.0
F14K	baz=238			S	S	21	24 20.3 +2.5
MLBS	Spotswood, Mel	56.41	180	P	P	21	17 16.0 +2.2
VLK	Valkmikingar	56.41	291	eP	P	21	17 16.0 +1.8
VLK	comp-Z,361nm,0.7s			IAmb	IAmb	21	17 21.7

M15K	Kasigluk River	56.46	29	P	P	21	17 14.4 +0.5
M15K	baz=247			S	S	21	24 20.5 +1.4
L15K	Unalakleet	56.50	27	P	P	21	17 14.6 +0.4
L15K	baz=246,SNR=94			S	S	21	24 21.0 +1.4
N15K	Kwethluk River	56.53	29	P	P	21	17 15.3 +0.9
N15K	baz=246,SNR=174			S	S	21	24 21.2 +1.1
KLBR	Kellerberrin	56.63	208	P	P	21	17 15.8 +0.3
KLBR	comp-Z,192nm,0.7s						
KLBR	Kellerberrin	56.63	208	P	P	21	17 15.8 +0.3
COCO	West Island	56.71	241	P	P	21	17 18.2 +1.9
COCO	West Island	56.71	241	P	P	21	17 17.6 +1.3
COCO				IAmb	IAmb	21	17 19.5
COCO	West Island	56.71	241	P	P	21	17 17.6 +1.3
COCO	comp-Z,207nm,0.7s			pmx	pmx		
COCO	West Island	56.71	241	P	P	21	17 18.0 +1.7
COCO	comp-Z,190nm,0.7s						
K15K	Wolf Creek Mou	56.74	27	P	P	21	17 16.8 +1.0
K15K	baz=245,SNR=128			S	S	21	24 24.5 +1.8
G15K	Niukluk	56.96	23	P	P	21	17 18.0 +0.8
G15K	baz=241,SNR=64			S	S	21	24 26.7 +1.3
F15K	North Star Dit	57.09	22	P	P	21	17 19.1 +1.0
F15K	baz=240			S	S	21	24 28.7 +1.7
P16K	Nushagak River	57.13	31	P	P	21	17 19.6 +1.2
P16K	baz=251,SNR=52			S	S	21	24 30.4 +2.7
JHSG	JHARSUGUGA	57.25	284	eP	P	21	17 21.3 +1.3
N16K	Nishik Lake	57.26	29	P	P	21	17 20.4 +1.1
N16K	baz=249,SNR=100			S	S	21	24 30.8 +1.4
O16K	Kokwok River B	57.27	30	P	P	21	17 20.2 +0.8
O16K	baz=250,SNR=112			S	S	21	24 30.8 +1.3
M16K	Timber Creek	57.37	29	P	P	21	17 20.9 +0.8
M16K	baz=249,SNR=50			S	S	21	24 31.8 +1.0
AUKUL	Kulin High Sch	57.38	207	P	P	21	17 21.0 +0.4
L16K	Owhat River	57.40	28	P	P	21	17 20.9 +0.6
L16K	baz=248,SNR=94			S	S	21	24 32.1 +1.1
L16K				S	S	21	24 32.1 +1.1
CHIR	Chirikof Islan	57.41	35	P	P	21	17 21.7 +1.3
CHIR	Chirikof Islan	57.41	35	P	P	21	17 21.6 +1.1
CHIR	comp-Z,356nm,0.6s			IAmb	IAmb	21	17 23.3
CHIR	Chirikof Islan	57.41	35	P	P	21	17 21.3 +0.9
CHIR	baz=255,SNR=16			S	S	21	24 33.9 +2.5
H16K	Elim	57.47	24	P	P	21	17 21.2 +0.5
H16K	baz=243,SNR=55			S	S	21	24 33.1 +1.2
R17L	Mt. Peulik Vol	57.52	33	P	P	21	

13d 21h

2020 JUN

750

Table with columns: Call Sign, Frequency, Mode, Power, and other parameters. Includes stations like M19K, WUS, J19K, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other parameters. Includes stations like E20K, CHUM, D20K, etc.

Table with columns: Call Sign, Frequency, Mode, Power, and other parameters. Includes stations like TKM2, MKAZ, DHRM, etc.

Table with columns for station name, frequency, and various signal quality metrics (e.g., SNR, SNR+1, SNR-1, etc.). The table lists numerous stations across different regions, including Organya, Tremp, Garraf, Les Avellaneres, Kesra, Ebro Roquetes, Mas de Barbera, Syowa Base, Mibarra, Chera, Universidad Co, PBrg Braganca, Gavieira, Arco, Cabril, Tobarra, Tapich, Moncorvo, Sonseca Array, Sonseca Array, Vila Real, La Murta, Cartagena, Porto, Viseu, Manteigas, Castelo Branco, Nijar, Marvaz, Sardoal, Presa de Quent, EI Cabril, So Bento, Estremoz, Montargil, Los Guajares, Sierra Gorda, Arraiolos, Soroa, Principe Elisa, Barrancos, Evora, Malaga-Limoner, Mafra, Montemor, Mijas, Beja, Espera, Melilla, Messejana, Messejana, Castro Verde, Camarioca, Camara, Vaqueiros, San Fernando, Conil, Barranco-do-Ve, Sao Teotonio, Pongola, Marmelete, Marnele, Vila Bispo, Lusaka, Lusaka.

GUA01 Guaratinga, BA 174.80 65 PKP PKPdf 21 27 30.1 -0.1
GUA01 Guaratinga, BA 174.80 65 eP PKPdf 21 27 28.3 -1.9

TAP 13 21:21:02.8, 24:26N; 122:44E, h53km, ML3.8, C
JMA 13 21:21:02.6, 0.1, 24:1N; 122:55E, 0.3, h50km, 2km,
MV3.0/12, NW OFF ISHIGAKIJIMA IS
ISC 13 21:21:02.8; 1.2, 24:23N; 0.02:122:48E; 0.02, h54km, 6km,

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists various stations like E0S3, E0S4, E0S2, etc.

Table with columns: SBCB, Hsinchu, SBCB, Sun Moon Lake, SMLT, Fulli, etc. Lists stations and their coordinates.

Table with columns: WRA, Warramunga Arr, WRB, Warramunga Arr, ASAR, Alice Springs, etc. Lists stations and their coordinates.

Table with columns: THN, comp, IAmB, IAmB, 22 09 05.9, 20.30 311, P, P, 22 08 50.9 -1.6, 20.30 311, P, P, 22 08 52.7 +0.3, 20.30 311, P, P, 22 08 51.4 -1.1, etc.

Table with columns: SGDS, MANT, MANT, Manisa, 23.36 304, P, S, 22 13 40.1 +3.0, 22 09 23.8 -1.3, 22 09 35.6, etc.

Table with columns: ARTI, comp, MLR, MLR, 22 13 40.1 +3.0, 22 09 23.8 -1.3, 22 09 35.6, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like ZEA, BORG, DBIC, CN2, HEH, YAK, MAKGR, BNX, LKWB, BOSA, KSAR, KLR, LEM, BBJ, SUMG, JOW, JNU, NEEM, SUR, TYV, SEY, YSS, SFJD, MA2, MAJ, BILL, RES, PETK, ILON, A21K, A19K, A22K, SJJI, C16K, B20K, B22K, C17K, C19K, A36M.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like A36M, C18K, RDOG, B21K, B21K, D17K, C23K, C21K, D19K, D20K, C24K, TNA, C26K, E18K, E20K, E17K, D23K, E21K, D24K, C27K, GAMB, D25K, F14K, MORW, E19K, F15K, TOLK, F17K, E22K, F18K, D27M, D28M, F19K, E23K, E23K, F20K, E24K, SCH, G15K, F22K, A16K, C36M, F21K, FITZ, E25K, G17K, E28M, G18K, G19K, F24K, E27K, G22K, E29M, H16K, G21K, F25K, F26K, H17K, INK, INK, INK, INK, G23K, H18K, H19K, F28M, G24K, H20K, G25K, F30M, G26K, H21K, H22K, H17K, GCSA, F31M, G27K.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like H23K, I20K, G29M, G30M, H24K, I21K, J16K, G31M, K13K, J17K, H27K, MLY, I23K, J19K, EPYK, J20K, PRP, H29M, K15K, POKR, COLA, COLA, I27K, NEA2, K17K, M11K, ILAR, ILAR, ILAR, ILAR, L14K, L15K, H31M, K20K, I29M, HDA, J25K, L17K, CAST, CAST, L16K, I30M, MCK, L18K, M13K, TRF, M14K, PPLA, K24K, L19K, SCRK, SCRK, M15K, J29N, J30M, RIDG, M16K, M17K, SPIA, M19K, DAWY, DAWY, L22K, M18K, DHY, N14K, WAT1, M20K, CUT, N15K, N16K, K29M, PAX, SKT, WAT6, P08K, N17K, BCAR, O14K, N18K, M22K, N19K.

Table with columns: Station Name, Time, Res, Phase ID, etc. Includes stations like HARP, SPCR, L29M, SML, P2R, etc.

Table with columns: Station Name, Time, Res, Phase ID, etc. Includes stations like P32M, ASAR, R33M, Q32M, etc.

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

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

NEIC 13 22:31:17.3z 1.4, 17.85Nz, 0.03:66:944W, 0.009, h1kmz2km, ML3.8/41, MD3.6/22(RSPR), Mw3.4/13(SLM), Error ellipse: s-maj=4.9km s-min=2.9km az=8.0

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

Table with columns: Station Name, Time, Res, Phase ID, etc. Includes stations like CELP, UUPR, UUPR, etc.

IDC 13 22:33:27.1z 7.6, 49.59S, 41.13E, h0km, Error ellipse: s-maj=18.9km s-min=10.2km az=17.0, Prince Edward Islands region

IDC 13 22:38:48.4z 9.4, 8.2S; 151.48E, h143km, 39km, mb3.2/5, mbtmp3.7/6, Error ellipse: s-maj=68.0km s-min=27.0km az=114.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Rows include GTOI Gorontalo, APCI Ampana, LUWI Luwuk, etc.

13d 23:15:02.8,0.5,27.65N,53.31E,h0km,mb4.6/31, mbtmp4.6/37,ML4.3/6,MS4.1/50,Error ellipse: s-maj=13.7km s-min=10.4km az=180.0

Code Station Name Az Phase ID Time Res

Main table of station data for the first section, including KHLI Khalili Fars, LMD1 Lamerd, LMD2 Lamerd, etc.

Main table of station data for the second section, including BIDO Bidbid, BIDO Bisya, BSY Bisy, etc.

Main table of station data for the third section, including EIL Elat, YTIR Yatir, HWQ Hawqa, etc.

Table with columns for station code, name, elevation, frequency, and other technical details. Includes stations like PSARD Sardoal, EVO Evora, PMTG Montargil, etc.

Table with columns for station code, name, elevation, frequency, and other technical details. Includes stations like JUNU Nakatsue, NEEM North Greenlan, SUR Sutherland, etc.

Table with columns for station code, name, elevation, frequency, and other technical details. Includes stations like SCHO Schefferville, E24K Your Creek, G15K Niukluk, etc.

NOA	NORSAR Array B	65.12 328	P	P	02 50 23.1	-0.2
NOA	comp=Z,3.0nm,0.7s,baz=81,slow=6.5,SNR=15			LR	03 19 27.1	
ZVC	ZVC	65.80 315	eP	P	02 50 27.9	+0.1
CKRC	Cesky Krumlov	65.87 314	eP	S	02 50 43.7	+8.9
SESA	Seetaler Alpe	66.10 312	eP	P	02 50 29.5	-0.6
MOA	Molin	66.12 313	eP	P	02 50 29.4	-0.5
KONO	Kongsberg	66.18 326	P	I	02 50 29.5	-0.5
KONO	comp=Z,1.1nm,1.1s			I	02 50 38.2	
GECC	GERESS Array S	66.25 314	I	Amb	02 50 32.6	
GERES	GERESS Array B	66.25 314	P	P	02 50 30.8	-0.1
GERES	comp=Z,1.2nm,0.6s,baz=62,slow=5.3,SNR=19			LR	03 24 44.6	
GERES	comp=Z,5.0nm,18.9s,baz=76,slow=41					
GERES	KHC	66.25 314	P	P	02 50 30.6	-0.2
KHC	Kaspersky Hory	66.28 315	eP	P	02 50 30.7	-0.1
GAMB	Gambell	66.97 29	P	X	02 50 44.8	
LESA	Schwarzleotol	67.27 313	eP	P	02 50 36.7	-0.7
CETL	Celeste	67.50 303	P	P	02 50 37.9	-1.0
WEL	Wattenberg	68.00 313	eP	P	02 50 41.1	-0.9
TNA	Tin City	68.09 27	P	P	02 50 41.0	-1.0
FDMO	Fiordimonte	68.18 308	P	I	02 50 42.7	-0.4
FDMO	comp=Z,12nm,1.4s			I	02 51 07.8	
C16K	Listburne Hills	68.28 23	P	P	02 50 42.2	-1.0
MOTA	Moosalm	68.32 313	eP	P	02 50 43.2	-0.9
F14K	Arctic Creek	68.75 26	P	P	02 50 45.3	-0.9
C17K	DeLong Mountai	68.98 23	P	P	02 50 47.0	-0.6
FUORN	Ofenpass-Fuorn	69.08 313	P	P	02 50 48.0	-0.9
A19K	Wainwright	69.10 21	P	P	02 50 47.3	-1.0
D17K	Noatak River	69.28 24	P	P	02 50 48.4	-1.1
DAVOX	Davos/Dischmat	69.28 313	LR	LR	03 26 39.0	
F15K	North Star Dnt	69.34 26	P	P	02 50 48.8	-1.1
ANM	Nome	69.42 27	P	P	02 50 49.7	-0.7
SPIA	Saint Paul Isl	69.43 36	P	P	02 50 49.5	-1.0
C18K	Utukok River	69.61 22	P	P	02 50 50.0	-1.6
TUE	Stuetta	69.73 313	P	P	02 50 53.3	+0.4
G15K	Niukluk	69.82 27	P	P	02 50 51.8	-1.0
E17K	Hotham Inlet	69.94 24	P	P	02 50 53.2	-0.4
C19K	Lookout Ridge	69.99 22	P	P	02 50 53.4	-0.5
A21K	Barrow	70.05 19	P	P	02 50 53.6	-0.4
E18K	Tukpahleark C	70.27 24	P	P	02 50 54.9	-0.6
G16K	Koyuk River	70.35 26	P	P	02 50 54.9	-1.1
F17K	Baldwin Pennin	70.39 25	P	P	02 50 55.8	-0.5
F17K	Baldwin Pennin	70.39 25	P	P	02 50 55.2	-1.1
B20K	Meade River	70.42 21	I	Amb	02 50 58.0	
B20K	Meade River	70.42 21	P	P	02 50 55.9	-0.5
M11K	Mekoryuk	70.42 32	P	P	02 50 56.1	-0.4
K13K	Kusilivak Mount	70.60 30	P	P	02 50 56.9	-0.7
H16K	Elim	70.67 27	P	P	02 50 57.5	-0.5
A22K	Sinclair Lake	70.67 19	P	P	02 50 57.2	-0.6
D19K	Kuna River	70.72 22	P	P	02 50 57.6	-0.8
WLF	Wallerdange	70.77 317	P	I	02 50 59.1	+0.1
WLF	comp=Z,6.9nm,0.7s			I	02 51 00.2	
F18K	Selawik	70.92 24	P	P	02 50 59.5	0.0
G17K	Kwialik Mounta	70.97 26	P	P	02 50 59.6	-0.2
D20K	Etiivluk River	71.13 22	P	P	02 51 00.4	-0.4
B21K	Ikpikpuk River	71.38 21	I	Amb	02 51 04.5	
B21K	Ikpikpuk River	71.38 21	P	P	02 51 02.2	0.0
BMRD	Maredsous	71.41 317	dP	P	02 51 02.1	-0.7
B22K	Teshchepuk Lake	71.42 20	P	P	02 51 02.3	-0.2
E19K	Redstone River	71.45 23	P	P	02 51 02.1	-0.6
E20K	Nigu River	71.47 22	P	P	02 51 02.0	-0.9
H17K	Granite Mounta	71.47 26	I	Amb	02 51 04.7	
F19K	Granite Mounta	71.47 26	P	P	02 51 02.4	-0.6
H17K	Shalerucik Mo	71.51 24	P	P	02 51 02.6	-0.5
F19K	Shalerucik Mo	71.51 24	P	P	02 51 02.8	-0.3
C21K	Knifeflade Riv	71.53 21	P	P	02 51 03.2	0.0
I17K	Unalakleet	71.57 27	P	P	02 51 03.2	-0.3
G18K	Tagagawik	71.57 25	P	P	02 51 03.5	0.0
L14K	Kuka Creek	71.69 30	I	Amb	02 51 05.9	
L14K	Kuka Creek	71.69 30	P	P	02 51 03.9	-0.4
M13K	Dall Lake	71.73 31	P	P	02 51 03.9	-0.7
K15K	Wolf Creek Mou	71.84 29	P	P	02 51 04.4	-0.8
J16K	Anvik River	71.85 28	I	Amb	02 51 06.4	
J16K	Anvik River	71.85 28	P	P	02 51 04.8	-0.4
H18K	Honhosa River	71.99 25	I	Amb	02 51 07.4	
H18K	Honhosa River	71.99 25	P	P	02 51 05.4	-0.7
G19K	Purcell Mounta	72.05 24	P	P	02 51 06.5	+0.1
L15K	Ungalak Mounta	72.09 29	P	P	02 51 06.6	-0.1
E21K	Killik River	72.12 22	P	P	02 51 06.1	-0.7
F20K	Avaraart Lake	72.15 23	I	Amb	02 51 08.4	
F20K	Avaraart Lake	72.15 23	P	P	02 51 06.1	-0.8
M14K	Bethel	72.24 30	P	P	02 51 07.5	0.0
J17K	VABM Dome	72.43 27	I	Amb	02 51 10.3	
J17K	VABM Dome	72.43 27	P	P	02 51 08.3	-0.3
C23K	Iktilik River	72.51 20	P	P	02 51 09.0	0.0
UNV	Unalaska Valle	72.54 38	P	P	02 51 09.2	-0.3
H19K	Roundabout Mou	72.56 25	I	Amb	02 51 11.3	
H19K	Roundabout Mou	72.56 25	P	P	02 51 09.3	-0.1
N14K	Kuskokwak Cree	72.69 31	P	P	02 51 10.3	0.0
M15K	Kasigluk River	72.84 30	P	P	02 51 11.1	-0.1

F21K	Alatna River	72.85 23	P	P	02 51 11.4	+0.3
D23K	Nanushok River	72.93 20	P	P	02 51 11.2	-0.3
L16K	Owhat River	72.96 29	P	P	02 51 11.3	-0.5
E22K	Anaktuvuk Pass	72.97 21	I	Amb	02 51 13.6	
E22K	Anaktuvuk Pass	72.97 21	P	P	02 51 11.9	0.0
K17K	Iditarod	73.04 28	P	P	02 51 11.8	-0.5
C24K	Franklin Bluff	73.14 19	I	Amb	02 51 14.7	
C24K	Franklin Bluff	73.14 19	P	P	02 51 12.6	-0.1
O14K	Tigiyukvaiget M	73.16 32	P	P	02 51 12.9	-0.1
H20K	Anotleneage Mo	73.16 24	P	P	02 51 12.8	-0.2
F22K	John River	73.16 22	P	P	02 51 12.5	-0.5
G21K	Allakaket	73.18 23	I	Amb	02 51 14.4	
G21K	Allakaket	73.18 23	P	P	02 51 12.6	-0.5
KEST	Kesra	73.28 302	P	P	02 51 13.7	-0.7
L17K	Donlin	73.29 28	P	P	02 51 12.9	-0.9
N15K	Kwethluk River	73.33 31	I	Amb	02 51 15.6	
N15K	Kwethluk River	73.33 31	P	P	02 51 13.8	-0.3
D24K	Happy Valley	73.40 20	I	Amb	02 51 16.6	
D24K	Happy Valley	73.40 20	P	P	02 51 13.3	-1.0
TOLK	Toolik Lake Re	73.44 21	P	P	02 51 14.4	-0.2
M16K	Timber Creek	73.47 30	I	Amb	02 51 16.6	
M16K	Timber Creek	73.47 30	P	P	02 51 15.1	+0.2
J19K	Poorman	73.56 26	I	Amb	02 51 17.1	
J19K	Poorman	73.56 26	P	P	02 51 15.2	-0.2
E23K	Chadalar	73.73 21	P	P	02 51 15.5	-0.9
N16K	Nishilik Lake	73.79 30	P	P	02 51 15.9	-0.9
H21K	Melozitna Riv	73.84 24	I	Amb	02 51 18.8	
H21K	Melozitna Riv	73.84 24	P	P	02 51 16.4	-0.6
O15K	Ungalikthiuk R	73.86 31	P	P	02 51 16.3	-0.9
L18K	Granite Mounta	73.93 28	P	P	02 51 16.5	-1.0
M17K	Holitna River	73.97 29	I	Amb	02 51 19.9	
M17K	Holitna River	73.97 29	P	P	02 51 17.2	-0.6
EKA	Eskdalemuir Ar	74.05 324	P	P	02 51 18.3	-0.1
D25K	Kavik River	74.05 19	I	Amb	02 51 20.2	
D25K	Kavik River	74.05 19	P	P	02 51 17.3	-0.9
J20K	Nowinta River	74.05 26	I	Amb	02 51 20.2	
J20K	Nowinta River	74.05 26	P	P	02 51 17.4	-0.9
E24K	Your Creek	74.08 21	I	Amb	02 51 20.3	
E24K	Your Creek	74.08 21	P	P	02 51 18.1	-0.4
C26K	Carven Bay	74.14 18	P	P	02 51 18.9	+0.3
H22K	Ishlitalina Cre	74.24 23	I	Amb	02 51 21.3	
H22K	Ishlitalina Cre	74.24 23	P	P	02 51 19.3	0.0
G23K	Bananza Creek	74.29 22	P	P	02 51 19.6	0.0
I21K	Tanana	74.38 24	P	P	02 51 19.7	-0.4
K20K	Telida	74.47 26	P	P	02 51 20.8	+0.1
N17K	Nushagak Hills	74.47 30	P	P	02 51 20.7	-0.1
O16K	Kokwok River B	74.48 31	I	Amb	02 51 22.3	
O16K	Kokwok River B	74.48 31	P	P	02 51 20.4	-0.4
F24K	Squaw Lake	74.57 21	P	P	02 51 21.1	-0.2
M18K	Stony River	74.63 28	P	P	02 51 21.3	-0.3
C27K	Jago River	74.65 18	I	Amb	02 51 24.1	
C27K	Jago River	74.65 18	P	P	02 51 21.7	+0.1
L19K	White Mountain	74.71 28	I	Amb	02 51 24.0	
L19K	White Mountain	74.71 28	P	P	02 51 21.7	-0.5
P16K	Nushagak River	74.78 31	P	P	02 51 22.0	-0.6
O17K	Koliganek Bris	74.86 30	P	P	02 51 22.6	-0.4
MLY	Manley	74.91 24	I	Amb	02 51 25.0	
MLY	Manley	74.91 24	P	P	02 51 23.2	-0.1
H23K	Yukon River	74.92 23	P	P	02 51 23.0	-0.3
E25K	Arctic Village	74.97 20	P	P	02 51 23.2	-0.4
N18K	Kilae Creek	74.97 29	P	P	02 51 23.1	-0.6
M19K	Big River Lodg	75.03 28	P	P	02 51 23.5	-0.5
G24K	Hadweenciz Riv	75.15 22	P	P	02 51 24.4	-0.2
SDPT	Sand Point	75.17 35	P	P	02 51 24.3	-0.5
CAST	Castle Rocks	75.22 26	I	Amb	02 51 26.7	
CAST	Castle Rocks	75.22 26	P	P	02 51 24.3	-0.8
S14K	Fog Glacier	75.23 34	P	P	02 51 24.4	-0.9
F25K	Christian Rive	75.25 21	I	Amb	02 51 27.6	
F25K	Christian Rive	75.25 21	P	P	02 51 24.7	-0.5
I23K	Minto, Yukon-K	75.34 24	P	P	02 51 25.1	-0.6
P17K	Kivchak River	75.42 31	P	P	02 51 25.8	-0.4
PPLA	Purkeypile	75.44 26	P	P	02 51 25.7	-0.8
H24K	Noodor Dome					

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like DAWY Dawson, BMRM Bremner River, I30M Mount Dempster, etc.

LDG 14 02:41:26.3-0.6, 45°40N-6°44E, h0km, Md1.5/2, Error ellipse: s-maj=57.9km s-min=11.4km az=152.0, Landslide, France

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LPL La Plagne, LPG La Plagne, LPGA La Plagne.

STR 14 02:41:40.8-0.1, 44.6N-0°5'7.0E-0.2, h10km, MLv0.2/5, LOCSAT earthModelID alpes_taup-2.11 preliminary, France

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PZZ Stroppe, SURF Saint Ours, SURF Jausiers, etc.

MORI Morici 6.31 94 Sg Sg 02 45 04.2 +0.9

LDG 14 02:50:59.3-0.4, 45°29N-6°38E, h0km, Md1.3/2, Error ellipse: s-maj=215.5km s-min=8.4km az=65.0, Landslide, France

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LPGA La Plagne, LPL La Plagne.

STR 14 02:51:15.8-0.1, 44.6N-0°2'7.0E-0.2, h14km, MLv0.3/5, LOCSAT earthModelID alpes_taup-2.11 preliminary, France

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PZZ Stroppe, SURF Saint Ours, SURF Jausiers, etc.

NOU 14 03:20:42.6, 38°06S-179°74E, h0km, MLv3.5/9, Off E. Coast of N. Island, N.Z.

WEL 14 03:20:43.5-1.0, 38°5'9"18"0E±, h33km, M3.2/10, ML3.2/11, MLv3.2/10, Error ellipse: s-maj=11.7km s-min=7.6km az=71.1, confirmed

ISC 14 03:20:41.9-2.6, 38°00S-0°06', 179°79E-0.10, h12km±11km, n60, c1579/67, Off east coast of North Island

Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WMGZ Waiomatatini S, PZZ Puketiti, etc.

BUI 14 03:35:10.6, 9.98S-124°67E, h90km, mB5.1/13, mb5.0/63, 1.7/9.0/1

MOS 14 03:35:18.0-0.9, 8°87S, 124°06E, h75km, mb5.2/48, Error ellipse: s-maj=9.8km s-min=5.5km az=115.6

IDC 14 03:35:19.1-0.8, 8°97S, 124°03E, h74km, km, mb4.6/26, mbmp4.9/30, MS3.5/47, Error ellipse: s-maj=11.3km s-min=7.6km az=89.0

NEIC 14 03:35:19.5-2.2, 8°99S-0°05', 124°13E-0.07, h72km±5km, mB5.1/74, Mwv4.9/11, Error ellipse: s-maj=10.6km s-min=7.2km az=69.0

DJA 14 03:35:20.6-0.1, 9°S-1°12'4E±, h96km±2km, M5.1/101, Mw1.9/101, mB5.5/62, MLv5.4/36, Mw(MB)5.0/62, Mw(Mw)4.9/101, Mw(Mw)5.1/2

GFZ 14 03:35:21.2, 9°16S-124°05E, h88km, MW4.9 Moment Tensor Solution, s54 Moment tensor: Mr=0.84; Mw=0.19; Mw1.03; Mw1.61; Mw1.08; Mw1.16; Fault plane solution: NP1=3235.00000°; 877.00000°, 1-67.00000°. NP2=353.00000°; 825.00000°, 1-148.00000°. Principal axes: T 2.6500, Plg28.0000°, Azm307.0000°; N -0.4700, Plg21.0000°, Azm50.0000°; P -2.1800, Plg52.0000°, Azm171.0000°

GCMT 14 03:35:22.5-0.2, 9°16S-0°12', 124°26E-0.02, h42km±3km, MW5.0/98, Moment Tensor Solution, s20,c22: s98,c137; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=1.17E+26; Mw=0.51; 19; Mw0.65; 20; Mw2.91±24; Mw0.05; 11; Mw2.80±24; Geographical couple: M4: 139000000±15 NP1=36.00000°; 86.00000°; 1-100.00000°; NP2=226.00000°; 884.00000°; 1-89.00000°; Principal axes: T 3.8710, Plg39.0000°, Azm315.0000°; N -0.5320, Plg1.0000°, Azm46.0000°; P -4.4060, Plg51.0000°, Azm137.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 14 03:35:19.5-0.3, 9°08S-0°03', 124°07E-0.03, h79km±2km, h79km±2km, pP-P, n493, c192/491, mB5.1/129, 21C-27, Timor region

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

Large table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BATI 7um,0.6s, baz=15, slow=1.2, SNR=652, BATI 11um,0.5s, baz=0.0, slow=20, SNR=14, etc.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LPAZ La Paz, SDCO Great Sand Dun, and various other frequencies.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like TNTI Ternate, SGI Sangihe, and various other frequencies.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MJAR Matushiro Arr, STKA Stephens Creek, and various other frequencies.

GUC 14 04:16:09.2,0.9,25755:70.89W,h47km,4km,ML2.6,1C, Near coast of northern Chile

Table with columns: Code, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like AC01 Pan de Azucar, AC02 Maricunga, and various other frequencies.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MORW Morawa, BLDU Ballidu, and various other frequencies.

Table with columns: Call Sign, Station Name, Frequency, Power, Mode, and other technical details. Includes stations like KURK Kurchatov, MA2 Magadan, and various other frequencies.

BJI 14 04:57:44.6,2.38N:128.92E,h19km,mB5.1/10,mb4.6/33, M4.4/9,M5.7 4.1

DJA 14 04:57:47.8,0.2,2.2N:12.8E,h10km,M4.8/27, mB5.0/27,mB5.2/14,MLV4.9/22,Mw(mB)4.6/14, MwMwp4.6/1,Mwp5.0/1

NEIC 14 04:57:49.8,1.6,2.30N:0.07:128.43E,0.07,h35km,1km, mb4.9/132,Error ellipse: s-maj=13.2km s-min=11.5km az=218.0

UNV	Unalaska Valle	73.68	34	P	P	05 09 19.1	-0.5
AB31	Abkuliak array	74.34	321	P	P	05 09 23.3	-0.4
ABKAR	Abkuliak array	74.34	321	P	P	05 09 22.7	-1.0
FALS	False Pass	75.71	34	P	P	05 09 31.2	-0.2
M11K	Mekoryuk	76.07	28	P	P	05 09 33.2	-0.1
TNA	Tin City	77.28	22	P	P	05 09 40.1	0.0
K13K	Kusilivak Mount	77.31	26	Iamb	Iamb	05 09 46.2	
K13K	Kusilivak Mount	77.31	26	P	P	05 09 40.4	0.0
M13K	Dall Lake	77.41	28	P	P	05 09 41.2	+0.3
SDPT	Sand Point	77.47	34	P	P	05 09 41.3	-0.1
CHNA	Chernabura Isl	77.84	34	P	P	05 09 43.5	0.0
F14K	Arctic Creek	77.86	23	P	P	05 09 43.5	+0.1
L14K	Kuka Creek	78.01	27	Iamb	Iamb	05 09 49.0	0.0
L14K	Kuka Creek	78.01	27	P	P	05 09 44.2	-0.1
N14K	Kuskokwak Cree	78.06	29	P	P	05 09 44.3	-0.2
O14K	Tiguyakuivet M	78.08	30	P	P	05 09 44.4	-0.2
M14K	Bethel	78.17	28	P	P	05 09 43.8	-1.3
M14K	Bethel	78.17	28	P	P	05 09 44.8	-0.3
S14K	Fog Glacier	78.20	33	P	P	05 09 45.1	-0.4
G15K	Niukluk	78.60	24	P	P	05 09 47.4	-0.1
F15K	North Star Dit	78.60	23	P	P	05 09 47.4	-0.1
L15K	Ungalik Mouta	78.66	27	P	P	05 09 47.7	-0.1
M15K	Kasigluk River	78.75	28	P	P	05 09 48.0	-0.4
O15K	Ungalikthiuk R	78.78	30	P	P	05 09 48.4	-0.2
K15K	Wolf Creek Mou	78.81	27	Iamb	Iamb	05 09 54.8	
K15K	Wolf Creek Mou	78.81	27	P	P	05 09 48.8	+0.1
CHGN	Chignik	78.83	33	P	P	05 09 48.6	-0.3
N15K	Kwethluk River	78.90	29	Iamb	Iamb	05 09 57.1	
N15K	Kwethluk River	78.90	29	P	P	05 09 48.3	-0.9
H16K	Elim	79.21	24	P	P	05 09 50.5	-0.3
C16K	Lisburne Hills	79.26	20	P	P	05 09 50.8	-0.2
G16K	Koyuk River	79.40	23	P	P	05 09 51.6	-0.2
J16K	Anvik River	79.50	26	Iamb	Iamb	05 09 58.6	
J16K	Anvik River	79.50	26	P	P	05 09 52.3	-0.1
R16K	Pilot Point	79.55	32	P	P	05 09 52.7	-0.1
L16K	Owhat River	79.59	27	Iamb	Iamb	05 09 58.6	
L16K	Owhat River	79.59	27	P	P	05 09 52.8	-0.1
N16K	Nishilik Lake	79.61	29	P	P	05 09 53.1	-0.1
I17K	Unalakleet	79.63	25	P	P	05 09 53.3	+0.2
M16K	Timber Creek	79.66	28	Iamb	Iamb	05 09 59.1	
M16K	Timber Creek	79.66	28	P	P	05 09 53.2	-0.2
P16K	Nushagak River	79.66	30	P	P	05 09 53.5	+0.2
O16K	Kokwok River B	79.74	30	P	P	05 09 53.7	-0.1
D17K	Noatak River	79.86	21	P	P	05 09 54.4	+0.1
C17K	DeLong Mountai	80.09	20	P	P	05 09 55.4	-0.1
G17K	Kiwalik Mouta	80.11	24	P	P	05 09 55.7	0.0
E17K	Hotham Inlet	80.13	22	P	P	05 09 55.8	+0.1
F17K	Baldwin Pennin	80.15	23	P	P	05 09 56.0	+0.2
J17K	VADM Dome	80.20	26	P	P	05 09 55.9	-0.4
R17L	Mt. Peulik Vol	80.20	32	P	P	05 09 55.8	-0.6
L17K	Donlin	80.23	27	P	P	05 09 56.1	-0.3
H17K	Granite Mouta	80.25	24	P	P	05 09 56.7	+0.2
Q16K	King Salmon	80.26	31	P	P	05 09 56.5	-0.1
CHIR	Chirikof Islan	80.26	34	P	P	05 09 56.6	-0.1
O17K	Koliganek Bris	80.27	30	P	P	05 09 56.5	-0.1
K17K	Iktarod	80.37	27	P	P	05 09 57.1	-0.1
N17K	Nushagak Hills	80.39	29	P	P	05 09 57.2	-0.1
M17K	Hollina River	80.46	28	P	P	05 09 57.9	+0.2
P17K	Kvichak River	80.48	30	P	P	05 09 57.6	-0.2
O17K	Contact Creek	80.58	31	P	P	05 09 58.3	-0.1
E18K	Tukpahleirik C	80.68	22	Iamb	Iamb	05 10 04.6	
E18K	Tukpahleirik C	80.68	22	P	P	05 09 58.6	-0.1
F18K	Selawik	80.81	23	P	P	05 09 59.4	0.0
C18K	Utukok River	80.83	20	Iamb	Iamb	05 10 08.0	
C18K	Utukok River	80.83	20	P	P	05 09 59.7	+0.1
H18K	Honhosa River	80.94	24	P	P	05 10 00.1	-0.1
L18K	Granite Mouta	80.99	27	P	P	05 10 00.4	-0.1
G18K	Tagagawik	81.01	23	P	P	05 10 00.4	-0.2
N18K	Klasee Creek	81.05	29	P	P	05 10 00.6	-0.3
Q18K	Katmai Hardscr	81.10	31	P	P	05 10 00.7	-0.6
P18K	Big Mountain,	81.12	30	P	P	05 10 00.9	-0.4
SII	Sitkinak Islan	81.18	33	P	P	05 10 01.6	-0.1
O18K	Koktuh Hills	81.22	30	P	P	05 10 01.5	-0.3
M18K	Stony River	81.24	28	P	P	05 10 01.6	-0.2
A19K	Wainwright	81.35	19	P	P	05 10 02.2	0.0
C19K	Lookout Ridge	81.52	20	P	P	05 10 03.3	+0.1
F19K	Shalerucik Mo	81.59	23	P	P	05 10 03.6	0.0
G19K	Purcell Mouta	81.69	23	Iamb	Iamb	05 10 12.2	
G19K	Purcell Mouta	81.69	23	P	P	05 10 04.1	0.0
N19K	Bonanza Creek	81.75	29	Iamb	Iamb	05 10 15.3	
N19K	Bonanza Creek	81.75	29	P	P	05 10 04.5	-0.1
OHAK	Old Harbor	81.77	33	Iamb	Iamb	05 10 12.8	
OHAK	Old Harbor	81.77	33	P	P	05 10 04.6	-0.1
VNDA	Vanda	81.77	173	P	P	05 10 02.8	-1.5
VNDA	Vanda	81.77	173	P	P	05 10 03.2	-1.1

VNDA	comp=Z,1.7nm,1.9s						
VNDA	Vanda	81.77	173	P	P	05 10 03.4	-1.0
VNDA	Vanda	81.77	173	P	P	05 10 11.3	+1.2
H19K	Roundabout Mo	81.81	24	Iamb	Iamb	05 10 13.0	
H19K	Roundabout Mo	81.81	24	P	P	05 10 04.6	-0.2
L19K	White Mountain	81.82	27	P	P	05 10 04.5	-0.4
J19K	Poorman	81.83	26	P	P	05 10 04.7	-0.2
Q19K	Cape Douglas,	81.85	31	P	P	05 10 04.9	-0.2
D19K	Kuna River	81.88	21	Iamb	Iamb	05 10 10.4	
D19K	Kuna River	81.88	21	P	P	05 10 05.1	0.0
E19K	Redstone River	81.95	22	Iamb	Iamb	05 10 19.4	
E19K	Redstone River	81.95	22	P	P	05 10 05.6	+0.1
M19K	Big River Log	81.99	28	P	P	05 10 05.8	0.0
KDAK	Kodiak Island	82.23	32	LR	LR	05 40 55.0	
KDAK	Kodiak Island	82.23	32	P	P	05 10 06.5	-0.6
KDAK	Kodiak Island	82.23	32	P	P	05 10 06.9	-0.2
K20K	Telida	82.39	26	Iamb	Iamb	05 10 15.0	
K20K	Telida	82.39	26	P	P	05 10 08.0	+0.1
F20K	Avaraat Lake	82.43	23	Iamb	Iamb	05 10 14.0	
F20K	Avaraat Lake	82.43	23	P	P	05 10 07.9	0.0
H20K	Anotleneega Mo	82.44	24	P	P	05 10 08.0	-0.1
D20K	Etiuvik River	82.47	21	Iamb	Iamb	05 10 14.7	
D20K	Etiuvik River	82.47	21	P	P	05 10 08.2	0.0
I20K	Naaghedeneel	82.48	25	P	P	05 10 08.3	0.0
J20K	Novita River	82.50	26	P	P	05 10 08.2	-0.2
E20K	Nigu River	82.52	21	P	P	05 10 08.3	-0.2
O20K	Slope Mountain	82.54	30	P	P	05 10 08.7	-0.1
M20K	Styx River	82.57	28	Iamb	Iamb	05 10 15.7	
B20K	Meade River	82.58	20	Iamb	Iamb	05 10 14.5	
B20K	Meade River	82.58	20	P	P	05 10 08.5	-0.2
RAYN	Ar Rayn	82.60	293	P	P	05 10 08.6	-1.3
RAYN	Ar Rayn	82.60	293	P	P	05 10 13.7	-1.2
SPCR	Spurr Chakacha	82.91	29	P	P	05 10 10.4	-0.3
MAW	Mawson	82.98	201	P	P	05 10 09.5	-1.3
MAW	Mawson	82.98	201	P	P	05 10 09.5	-1.3
A21K	Barrow	83.07	18	P	P	05 10 11.2	0.0
PPLA	Purkeypyle	83.16	27	Iamb	Iamb	05 10 18.2	
PPLA	Purkeypyle	83.16	27	P	P	05 10 12.0	0.0
G21K	Allakaket	83.19	23	Iamb	Iamb	05 10 17.8	
G21K	Allakaket	83.19	23	P	P	05 10 11.7	-0.2
C21K	Knifeblade Rid	83.21	21	P	P	05 10 12.0	0.0
CHUM	Lake Munchum	83.25	26	P	P	05 10 12.2	-0.1
CAST	Castle Rocks	83.28	26	Iamb	Iamb	05 10 18.9	
CAST	Castle Rocks	83.28	26	P	P	05 10 12.3	-0.3
F21K	Alatna River	83.32	23	P	P	05 10 12.7	0.0
H21K	Melozitna Rive	83.32	24	Iamb	Iamb	05 10 18.6	
H21K	Melozitna Rive	83.32	24	P	P	05 10 12.3	-0.3
SKT	Skwentna	83.33	28	Iamb	Iamb	05 10 17.2	
SKT	Skwentna	83.33	28	P	P	05 10 12.0	-0.9
CAPN	Captain Cook N	83.36	29	P	P	05 10 12.6	-0.2
E21K	Kiliik River	83.36	21	Iamb	Iamb	05 10 18.5	
E21K	Kiliik River	83.36	21	P	P	05 10 12.7	-0.1
B21K	Ikpikpuk River	83.36	20	P	P	05 10 12.5	-0.2
BRSE	Bradley Lake S	83.44	30	P	P	05 10 13.0	-0.4
A22K	Sinclair Lake	83.52	19	P	P	05 10 13.4	-0.1
I21K	Tanana	83.59	25	Iamb	Iamb	05 10 19.9	
I21K	Tanana	83.59	25	P	P	05 10 13.9	-0.1
L22K	Petersville	83.76	27	P	P	05 10 14.1	-0.9
KTH	Kantishna Hill	83.82	26	Iamb	Iamb	05 10 20.4	
F22K	Joel River	83.86	22	P	P	05 10 15.1	-0.3
B22K	Teshpekuk Lake	83.90	19	Iamb	Iamb	05 10 23.4	
B22K	Teshpekuk Lake	83.90	19	P	P	05 10 15.5	0.0
H22K	Ishlaltina Cre	83.94	24	Iamb	Iamb	05 10 31.2	
H22K	Ishlaltina Cre	83.94	24	P	P	05 10 15.5	-0.3
M22K	Willow	83.97	28	P	P	05 10 16.1	+0.1
CUT	Chulitna	83.97	28	P	P	05 10 16.1	+0.1
O22K	Cooper Landing	84.02	30	P	P	05 10 15.9	-0.4
G22K	Bettles	84.03	23	P	P	05 10 15.9	-0.4
RC01	Rabbit Creek A	84.08	29	P	P	05 10 16.3	-0.3
MLY	Manley	84.09	25	P	P	05 10 15.8	-0.8
TRF	Thorofare Moun	84.09	27	Iamb	Iamb	05 10 23.8	
TRF	Thorofare Moun	84.09	27	P	P	05 10 15.8	-1.1
E22K	Anaktuvuk Pass	84.10	22	Iamb	Iamb	05 10 22.6	
E22K	Anaktuvuk Pass	84.10	22	P	P	05 10 16.3	-0.4
SEW	Seward	84.12	30	P	P	05 10 16.4	-0.4
PMR	Palmer	84.42	28	P	P	05 10 17.9	-0.4
G23K	Bananza Creek	84.59	23	Iamb	Iamb	05 10 25.2	
G23K	Bananza Creek	84.59	23	P	P	05 10 18.9	-0.3
D23K	Nanushuk River	84.63	21	Iamb	Iamb	05 10 25.6	
D23K	Nanushuk River	84.63	21	P	P	05 10 19.1	-0.2
H23K	Yukon River	84.68	24	P	P	05 10 19.4	-0.2
I23K	Minto, Yukon-K	84.68	25	Iamb	Iamb	05 10 27.3	
I23K	Minto, Yukon-K	84.68	25	P	P	05 10 19.4	-0.2
MCK	McKinley	84.72	26	P	P	05 10 19.4	-0.5
KNK	Knik Glacier	84.73	29	P	P	05 10 19.7	-0.2
NEA2	Nenana	84.75	25	P	P	05 10 19.7	-0.2
C23K	Itkiliik River	84.77	20	P	P	05 10 19.8	-0.2

WAT1	Susitna
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Table with columns: Call Sign, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like K29M Barlow Dome, EPYK Eagle Plains, P29M Windy Craggy, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, and other parameters. Includes stations like BBGH Gun Hill, SLAC Saint Lucia, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like GRGR Broadband at M, DHSZ Grenada Fort F, etc.

SJA 14 05:03:46.7z1.5, 18:63S:69:66W, h102km, 7km, ML3.2, MW3.6

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, and other parameters. Includes stations like PB16 IPOC Station P, PB16 IPOC Station P, etc.

IDC 14 05:13:33.8z5.3, 22:41Sx148:36E, h0km, mbmtP3.3/4, ML3.2/4, Error ellipse: s-maj=61.6km s-min=25.0km

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, and other parameters. Includes stations like CTA Charters Tower, STKA Stephens Creek, WRA Warramunga Arr, etc.

Table with columns: Call Sign, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like PB11 IPOC Station P, PB11 IPOC Station P, etc.

IGL 14 05:32:56.9, 36:70N:12:69W, h31km, ML1.9

INMG 14 05:32:58.8z1.2, 36:69N:12:69W, h10km, ML2.0, Error ellipse: s-maj=7.5km s-min=6.2km az=116.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, and other parameters. Includes stations like PVFI Vila Bisbo, PVFI Vila Bisbo, MORF Marneleite, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like AK07 Malin Array Si, AK01 Malin Array Si, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like GERES GERESS Array B, KHC Kasperske Hory, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other technical details. Includes stations like I17K Unalakleet, L14K Kukka Creek, etc.

O17K	Koliganek Bris	79.25	29	P	P	05 47 30.0 +0.4
N18K	Kilae Creek	79.34	28	P	P	05 47 30.7 +0.5
G24K	Hadweznic Riv	79.36	21	P	P	05 47 30.8 +0.7
M19K	Big River Lodg	79.38	27	P	P	05 47 30.9 +0.6
F25K	Christian River	79.42	20	IAMB	IAMB	05 47 33.0
F25K	Christian River	79.42	20	P	P	05 47 31.6 +1.1
MILA	Mila	79.51	138	P	P	05 47 34.4 +3.0
CAST	Castle Rocks	79.52	25	P	P	05 47 31.6 +0.5
I23K	Minto, Yukon-K	79.59	23	P	P	05 47 32.0 +0.6
SDPT	Sand Point	79.62	34	P	P	05 47 31.0 -0.8
S14K	Fog Glacier	79.68	33	P	P	05 47 31.4 -0.8
H24K	Noodor Dome	79.72	22	P	P	05 47 32.9 +0.8
D27M	Malcolm River	79.75	17	P	P	05 47 33.1 +0.8
PPLA	Purkeypile	79.75	25	P	P	05 47 32.9 +0.4
G25K	Bearman Lake	79.76	20	P	P	05 47 33.5 +1.2
F26K	Sheenjek River	79.81	19	IAMB	IAMB	05 47 34.9
F26K	Sheenjek River	79.81	19	P	P	05 47 33.6 +0.9
P17K	Kvichak River	79.81	29	P	P	05 47 33.1 +0.4
N19K	Bonanza Creek	79.88	28	IAMB	IAMB	05 47 35.0
N19K	Bonanza Creek	79.88	28	P	P	05 47 33.4 +0.2
M20K	Styx River	79.90	26	P	P	05 47 33.8 +0.5
Q16K	King Salmon	79.96	30	P	P	05 47 34.0 +0.5
NEA2	Nenana	80.00	23	P	P	05 47 33.8 +0.1
O18K	Koktuh Hills	80.04	29	P	P	05 47 34.3 +0.3
R16K	Pilot Point	80.06	31	P	P	05 47 34.7 +0.6
TRF	Thorfare Moun	80.19	24	P	P	05 47 35.5 +0.6
CHGN	Chignik	80.24	33	P	P	05 47 34.8 -0.2
E27K	Coleen River	80.25	18	IAMB	IAMB	05 47 37.0
E27K	Coleen River	80.25	18	P	P	05 47 35.0 0.0
O19K	Port Alsworth	80.26	28	P	P	05 47 35.2 +0.1
P18K	Big Mountain,	80.26	29	P	P	05 47 35.1 -0.1
COLA	College	80.28	22	P	P	05 47 35.2 +0.1
D28M	Stokes Point	80.28	17	P	P	05 47 35.4 +0.3
CHNA	Chernabura Isl	80.31	34	P	P	05 47 35.4 +0.3
G26K	Porcupine River	80.38	20	P	P	05 47 36.7 +1.0
SKT	Skwentna	80.50	26	IAMB	IAMB	05 47 37.8
SKT	Skwentna	80.50	26	P	P	05 47 36.0 -0.5
L22K	Petersville	80.51	25	IAMB	IAMB	05 47 37.3
L22K	Petersville	80.51	25	P	P	05 47 36.4 -0.1
Q17K	Contact Creek	80.52	30	P	P	05 47 36.7 0.0
MCK	McKinley	80.54	24	IAMB	IAMB	05 47 37.6
MCK	McKinley	80.54	24	P	P	05 47 36.9 +0.3
E28M	Babbage River	80.56	17	IAMB	IAMB	05 47 38.5
E28M	Babbage River	80.56	17	P	P	05 47 37.4 +0.8
R17L	Mt. Peulik Vol	80.60	31	P	P	05 47 37.2 +0.2
ILAR	Eielson Array	80.67	22	P	P	05 47 36.5 -0.8
ILAR	comp=2.2,7nm,0.6s,baz=294,slow=4.4,SNR=37	PP	PP	PP	PP	05 50 40.5 -0.7
ILAR	comp=2.2,1nm,1.1s,baz=299,slow=7.2,SNR=5.8	LR	LR	LR	LR	06 25 37.6
ILAR	comp=2.30nm,21.6s,baz=138,slow=37	08.67	22	P	P	05 47 36.2 -1.1
PRP	Porcupine Dome	80.69	21	IAMB	IAMB	05 47 39.3
PRP	Porcupine Dome	80.69	21	P	P	05 47 38.0 +0.8
Q18K	Katmai Hardscr	80.73	30	P	P	05 47 37.0 -0.8
RND	Reindeer	80.75	24	IAMB	IAMB	05 47 38.3
HDA	Harding Lake	80.86	23	P	P	05 47 37.6 -0.7
P19K	Oil Pt	81.01	28	P	P	05 47 38.5 -0.7
O20K	Slope Mountain	81.05	28	P	P	05 47 38.5 -0.9
ESDC	Sonseca Array	81.12	309	P	P	05 47 40.2 -0.1
ESDC	Sonseca Array	81.12	309	P	P	05 47 40.0 -0.3
F28M	Old Crow	81.12	18	IAMB	IAMB	05 47 41.7
F28M	Old Crow	81.12	18	P	P	05 47 40.3 +0.6
G27K	Doyn Strip	81.12	19	P	P	05 47 40.5 +0.8
E29M	Blow River	81.15	17	IAMB	IAMB	05 47 41.6
E29M	Blow River	81.15	17	P	P	05 47 40.5 +0.8
M22K	Willow	81.18	26	P	P	05 47 39.9 -0.1
WAT1	Susitna Watana	81.19	24	P	P	05 47 40.0 -0.1
Q19K	Cape Douglas,	81.20	29	P	P	05 47 40.3 0.0
J25K	Salcha River,	81.29	22	P	P	05 47 40.3 -0.4
A36M	Sachs Harbour	81.30	11	P	P	05 47 41.1 +0.7
DHY	Deam Highway	81.49	24	P	P	05 47 41.4 -0.5
H27K	Steamboat Moun	81.54	20	IAMB	IAMB	05 47 43.9
H27K	Steamboat Moun	81.54	20	P	P	05 47 42.5 +0.6
I26K	Coal Creek Min	81.61	21	P	P	05 47 42.7 +0.5
K24K	Donnelly Dome	81.64	23	P	P	05 47 42.1 -0.3
WAT6	Susitna Watana	81.64	24	P	P	05 47 42.3 -0.4
PMW	Palmer	81.67	25	P	P	05 47 42.3 -0.3
LBTB	Lobate	81.67	238	LR	LR	06 20 49.8
LBTB	Lobate	81.67	238	P	P	05 47 42.6 -0.7
LBTB	Lobate	81.67	238	IAMB	IAMB	05 47 44.7
LBTB	Lobate	81.67	238	P	P	05 47 44.0 +0.6
RC01	Rabbit Creek A	81.71	26	P	P	05 47 42.4 -0.5
SML	Sawmill	81.86	25	IAMB	IAMB	05 48 10.9
SML	Sawmill	81.86	25	P	P	05 47 42.9 -0.8
I27K	Kandik River	81.92	20	P	P	05 47 44.7 +0.8
BRLL	Bradley Lake	81.96	28	IAMB	IAMB	05 48 09.1
RIDG	Independent Ri	82.01	23	IAMB	IAMB	05 47 45.1
RIDG	Independent Ri	82.01	23	P	P	05 47 43.9 -0.6

BRSE	Bradley Lake S	82.03	27	P	P	05 47 44.2 -0.4
KNK	Knik Glacier	82.03	25	P	P	05 47 44.5 -0.1
M23K	Glacier View	82.10	25	P	P	05 47 45.0 0.0
G29M	Pine Creek	82.13	18	IAMB	IAMB	05 48 10.6
G29M	Pine Creek	82.13	18	P	P	05 47 45.2 +0.2
SCRK	Sand Creek	82.16	22	IAMB	IAMB	05 47 46.5
SCRK	Sand Creek	82.16	22	P	P	05 47 45.3 0.0
SII	Sitkinak Islan	82.17	31	P	P	05 47 45.3 0.0
SCM	Sheep Creek Mo	82.23	25	IAMB	IAMB	05 48 03.4
SCM	Sheep Creek Mo	82.23	25	P	P	05 47 45.6 -0.1
OHAK	Old Harbor	82.25	30	P	P	05 47 45.3 -0.4
PAX	Paxson	82.25	23	P	P	05 47 45.7 -0.1
F30M	Barrier River	82.27	17	IAMB	IAMB	05 47 47.8
F30M	Barrier River	82.27	17	P	P	05 47 46.1 +0.4
KDAD	Kodiak Island	82.28	30	LR	LR	06 26 11.6
KDAD	Kodiak Island	82.28	30	P	P	05 47 45.5 -0.4
INK	Inuvik	82.35	16	IAMB	IAMB	05 47 47.4
INK	Inuvik	82.35	16	P	P	05 47 46.3 +0.3
H29M	Whitestone	82.50	19	IAMB	IAMB	05 47 48.0
H29M	Whitestone	82.50	19	P	P	05 47 47.2 +0.3
M24K	Tolsona, Glenn	82.51	24	P	P	05 47 46.8 -0.3
I28M	Miner Creek	82.55	20	IAMB	IAMB	05 47 48.5
I28M	Miner Creek	82.55	20	P	P	05 47 47.4 +0.2
G30M	taoh Zraii Nji	82.59	18	P	P	05 47 47.3 -0.1
HARP	HARP	82.71	24	P	P	05 47 48.4 +0.3
EPYK	Eagle Plains	82.88	18	IAMB	IAMB	05 47 49.6
EPYK	Eagle Plains	82.88	18	P	P	05 47 48.8 -0.1
GLI	Glacier Island	82.88	26	P	P	05 47 48.8 -0.1
MENT	Mentasta	82.90	23	IAMB	IAMB	05 48 10.0
F31M	Tsigheitchik	82.93	17	IAMB	IAMB	05 47 49.8
F31M	Tsigheitchik	82.93	17	P	P	05 47 49.1 0.0
KLU	Klutina	82.97	25	P	P	05 47 50.0 +0.5
KLU	Klutina	82.97	25	IAMB	IAMB	05 47 51.1
L26K	Log Cabin Wild	82.98	23	P	P	05 47 49.7 +0.3
I29M	Ogilvie Camp,	83.11	19	P	P	05 47 50.4 +0.3
G31M	Satah River	83.17	17	IAMB	IAMB	05 47 51.2
G31M	Satah River	83.17	17	P	P	05 47 50.1 -0.2
P23K	Motouge Island	83.28	26	P	P	05 47 50.5 -0.5
N25K	Chitina, Valde	83.41	24	P	P	05 47 52.4 +0.6
GRTLK	Ghanzi	83.42	244	IAMB	IAMB	05 47 54.2 +0.2
M26K	Nabesna, AK	83.50	23	IAMB	IAMB	05 47 55.2
M26K	Nabesna, AK	83.50	23	P	P	05 47 53.1 +0.9
BCAR	Beaver Creek A	83.50	22	P	P	05 47 52.2 0.0
EYAK	Cordova Ski Ar	83.61	25	P	P	05 47 52.6 -0.1
DAWY	Dawson	83.65	21	P	P	05 47 52.8 -0.1
C36M	Paulatuk	83.69	13	P	P	05 47 52.8 -0.1
BOSA	Bosho	83.76	235	P	P	05 47 54.2 +0.1
BOSA	comp=2.6,0nm,0.8s,baz=58,slow=3.4,SNR=7.3	LR	LR	LR	LR	06 19 52.6
BOSA	comp=2.48nm,21.7s,baz=44,slow=32	08.76	235	P	P	05 47 53.9 -0.2
BOSA	Bosho	83.76	235	IAMB	IAMB	05 48 12.4
BOSA	Bosho	83.76	235	P	P	05 47 52.9 -1.2
I30M	Mount Dempster	83.79	19	IAMB	IAMB	05 47 53.7 0.0
I30M	Mount Dempster	83.79	19	P	P	05 47 53.0 0.0
BMRM	Bremer River	83.80	25	P	P	05 47 54.1 +0.3
M27K	Edge Creek, AK	83.93	23	IAMB	IAMB	05 47 57.1
M27K	Edge Creek, AK	83.93	23	P	P	05 47 55.2 +0.7
H31M	Peel River	83.97	18	P	P	05 47 54.6 +0.2
VRDI	Verde Repeater	84.08	24	IAMB	IAMB	05 47 57.0
MCARA	McCarthy VSAT	84.14	24	P	P	05 47 56.1 +0.7
BVCY	Beaver Creek	84.25	22	P	P	05 47 56.6 +0.6
J30M	Hart River	84.26	19	P	P	05 47 56.4 +0.2
K29M	Barlow Dome	84.40	20	P	P	05 47 57.0 +0.2
CRQE	Crocker River	84.51	24	P	P	05 47 57.6 +0.1
KAIM	Kayak Island	84.52	25	P	P	05 47 57.0 -0.4
L29M	L29M	84.72	21	P	P	05 47 58.4 +0.1
YUK3	Moose Creek	84.82	23	P	P	05 47 59.3 +0.2
GRNC	Granite Creek	85.03	24	IAMB	IAMB	05 48 03.0
M29M	Somme Creek	85.06	22	IAMB	IAMB	05 48 02.2
M29M	Somme Creek	85.06	22	P	P	05 48 00.2 +0.1
LOGN	Logan Glacier	85.25	24	IAMB	IAMB	05 48 04.7
MESA	MESA	85.32	24	P	P	05 48 01.5 -0.1
O28M	Mount Upton	85.58	23	P	P	05 48 02.8 -0.3
PMW	Burwash Landin	85.60	23	P	P	05 48 02.9 +0.1
YUK4	Talbot Arm	85.75	23	P	P	05 48 03.9 +0.2
PJND	Pinnacle	86.01	24	P	P	05 48 05.0 +0.1
SFJD	Kangerlussuaq	86.12	347	LR	LR	06 32 19.8
YUK6	Outpost Mouna	86.13	23	P	P	05 48 05.8 +0.2
N30M	Aishkik Lake	86.21	22	IAMB	IAMB	05 48 08.7
N30M	Aishkik Lake	86.21	22	P	P	05 48 06.1 +0.2
O29M	Mount Kennedy	86.49	23	P	P	05 48 07.5 +0.1
HYT	Haines Junctio	86.51	23	IAMB	IAMB	05 48 09.7
HYT	Haines Junctio	86.51	23	P	P	05 48 07.9 +0.5
M31M	Drury Creek, Y	86.58	20	P	P	05 48 08.0 +0.4

N31M	Braeburn, Yuko	86.64	21	P	P	05 48 08.2 +0.3
TORD	Tordi Ar. Bea	86.77	283	P	P	05 48 09.8 +0.4
O30N	Mendenhall	87.04	22	IAMB	IAMB	05 48 12.8
O30N	Mendenhall	87.04	22	P	P	05 48 10.0 0.0
P30M	Million Dollar	87.20	23	P	P	05 48 10.6 0.0
MMPY	Sheldon Lake	87.24	19	IAMB	IAMB	05 48 13.9
MMPY	Sheldon Lake	87.24	19	P	P	05 48 10.9 +0.1
P29M	Windy Craggy	87.26	23	IAMB	IAMB	05 48 12.7
P29M	Windy Craggy	87.26	23	P	P	05 48 11.1 +0.1
WHY	Whitehorse	87.54	22	IAMB	IAMB	05 48 12.8 +0.4
WHY	Whitehorse	87.54	22	P	P	05 48 13.2
WHY	comp=2.6,4nm,0.7s	87.54	22	P	P	05 48 12.3 -0.1
N32M	Quiet Lake	87.78	21	P	P	05 48 13.5 +0.1
PL						

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MA2, H1N2, H1N1, etc.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MAW, KDAK, G18K, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CAST Castle Rocks, ILAR Eielson Array, QSPA South Pole Qui, etc.

KRNET 14 06:41:45.9-0.1, 41.736N:73.08E, h26km, mb3.4
SOME 14 06:41:46.7, 41.67N:73.08E, h15km

KNET 14 06:41:48.5-0.5, 41.733N:73.24E, h6km, m2.6, Error
ellip: s-maj=3.8km s-min=3.0km az=138.0

ISC 14 06:41:45.8-1.0, 41.66N:02:73.16E, h10km, gkm,
ns2, c108/89, 30C-31D, Kyrgyzstan

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations like ARSB Arslanbob, ARS Aral, ARK Arkit, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TARG Chuyangaron, CHGR Chuyangaron, KPKS Kokek, etc.

IDC 14 07:14:13.5-3.5, 35.98N:20.95E, h36km, 25km, mb3.6/11,
mbmp3.7/19, ML3.3/6, MS3.2/10, Error ellipse:
s-maj=36.8km s-min=16.2km az=24.0

THE 14 07:14:14.9, 36.16N:2.1E, h68km, 26km, M3.2/13,
ML3.2/13
ATH 14 07:14:15.2-0.5, 35.99N:21.06E, h29km, 6km, ML3.4/41,
Latitude uncertainty: 2 km; Longitude uncertainty: 2 km

ISC 14 07:14:18.1-2.3, 35.97N:05.21E, 0.05:21.00E, 0.04, h43km, 13km,
n11, c121/144, mb3.7/10, MS3.3/7, Central
Mediterranean Sea

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations like MTHA Methoni, PVL1 Pylos, PYL1 Pylos, etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations like KEK Kerkira, PENT Pentaflos, ZKR Zakros, etc.

IDC 14 07:52:50.4-1.5, 18.19N:76.63W, h0km, mb3.6/3,
mbmp3.9/8, ML3.0/4, MS2.9/2, Error ellipse: s-maj=32.4km
s-min=23.7km az=51.0

NEIC 14 07:52:52.1-1.0, 18.30N:06.76W, h20km, 11km, ML4.0,
mb4.0/6, Error ellipse: s-maj=10.9km s-min=6.0km
az=173.0

SSNC 14 07:52:53.3-1.1, 18.17N:76.75W, h20km, 11km, ML4.0,
MW3.7, Presumed earthquake
JSN 14 07:52:53.2-0.6, 18.11N:76.68W, h22km, 1km, MD4.0,
Confirmed Earthquake

CATAC 14 07:52:54.1, 18.1N:3.7W, h33km, 69km, M4.5/12,
mb4.5/4, mb4.6/1, MLV4.4/12, Mw(mB)3.8/1, confirmed
OSPL 14 07:52:54.6-2.0, 18.33N:76.73W, h10km, 21km, ML3.9,
Presumed earthquake

ISC 14 07:52:52.0-7.1, 18.18N:01:4C-76.68W, 0.03, h25km, 5km,
n11, c205/153, mb3.9/6, 1107.7D, Jamaica region

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists numerous stations like GJW Greenwich, GJWJ Greenwich, GJWJ Greenwich, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Power, and other technical details for various stations.

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Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, CMAR Chiang Mai Arr, LZDM Lanzhou Island, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GUR Goura, SERG Sergoula, KALE Kailihea, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MA2 Magadan, KRSR Korea Array, E0S4 EOS4, etc.

NAO 14 10:02:18.8, 36°22'N-23°86'E, h33km, MB3.5

IDC 14 10:02:28.3, 0.9, 37°42'N-20°49E, h0km, mb3.6/1.1

THE 14 10:02:29.9, 37°N-2°0'E, h0km, 1km, M3.6/2.7

ATH 14 10:02:30.7, 37°27'N-20°48E, h9km, 1km, ML3.7/5.2

SOF 14 10:02:30.8, 37°N-2°0'E, h0.9, h8km, 3km, MD4.1/5

MCSM 14 10:02:30.4, 1.5, 37°N-16°2'0'E, h10km, mb4.1, mB4.8

ISC 14 10:02:30.4, 1.2, 37°30'N-0°03.20'W, h14km, 8km

n164, s1905/181, mb3.7/9, MS3.1/8, Ionian Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LTHK Lithakia, ORTH Orthonies,Zaky, KYPSS Kipseli, Zakin, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like THERA Ancient Thera, VAY Valandou, NOCI Noci, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like E0S4 EOS4, E0S3 EOS3, E0S2 EOS2, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YM01, TWG, LIOB, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ANWB, MBWH, DHSZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KK31, KK3, AAK, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KBZ, BRTR, AKTO, etc.

IDC 14 11:22:43.6i.0.9.39N.39i.99W, h0km, mb4.0/15, mbmp4.0/16, ML3.0/1, MS3.2/13, Error ellipse: s-maj=27.6km s-min=17.0km az=166.0

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like H10N2, H10N1, H10S3, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DBIC, CZSB, LPAZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TOR, PBAR, PSARD, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TOR, PBAR, PSARD, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WTTA, FRB, LESA, etc.

IDC 14 11:27:47.3i.8.5.61S:153i.34E, h0km, mb3.4/2, mbmp3.4/2, Error ellipse: s-maj=166.4km s-min=53.0km az=124.0

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Chios island, Denizli-Tavas, Golhisar, etc.

SNET 14 12:03:12.0.1.6, 12.88N, 88.95W, h32km, ML3.9, Presumed earthquake

CATAC 14 12:03:12.8.13.N.1.1.8.9W, h38km, 8km, M3.9/26, MLV3.9/26, confirmed

GCG 14 12:03:14.4.0.8.13.04N.89.02W, h52km, 14km, ML3.9, Presumed earthquake

ISC 14 12:03:11.1.1.4.12.85N.0.05:88.96W, 0.03, h25km, 13km, n54, o567/93, Off coast of central America

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Alcala de Te, LALI, COEG, etc.

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

NOU 14 12:04:43.6.18.23S:169.01E, h230km, mb4.1/25, Vanuatu Islands

NEIC 14 12:04:43.1.4.18.20S:0.08:169.1E, 0.1, h237km, 9km, mb4.4/20, Error ellipse: s-maj=14.7km s-min=11.5km

IDC 14 12:04:44.8.2.0.18.47S:169.23E, h276km, 24km, mb3.9/11, mbtmp4.6/13, Error ellipse: s-maj=37.1km s-min=14.1km az=149.0

ISC 14 12:04:43.5.0.5.18.22S:0.05:169.04E, 0.08, h250km, n83, o1510/77, mb4.3/18, Vanuatu Islands

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

ARMA Armidale 19.95 229 P P 12 08 59.2 +2.0

CTA Charters Tower 21.61 261 P P 12 09 15.1 +1.0

CTA Charters Tower 21.61 261 P P 12 09 15.2 +1.2

CTA Charters Tower 21.61 261 P P 12 09 15.3 +1.2

BKZ Black Stump Fm 21.85 164 P P 12 09 17.8 +1.6

BKZ Black Stump Fm 21.85 164 P P 12 09 17.1 +1.0

MTSU Mount Surprise 23.49 266 P P 12 09 32.3 +1.0

QIS Stephens Creek 27.85 260 P P 12 10 12.4 +2.0

STKA Stephens Creek 28.24 236 P P 12 10 14.9 +1.2

HTT Hallett 30.91 235 P P 12 10 39.2 +1.9

WB1 Warramunga Ar. 32.80 261 P P 12 10 52.5 +1.4

WRA Warramunga Arr 32.81 261 P P 12 10 52.3 -1.6

ASAR Alice Springs 33.20 254 P P 12 10 57.2 -0.0

ASAR Alice Springs 33.20 254 P P 12 10 57.3 0.0

ASAR Alice Springs 33.20 254 P P 12 10 57.4 +0.1

FITZ Fitzroy Crossi 41.17 263 P P 12 12 04.2 +0.2

CASY Casey 60.98 203 P P 12 14 30.8 +0.6

MJAR Matsushiro Arr 61.77 332 P P 12 14 36.2 +0.3

MJAR Matsushiro Arr 61.77 332 P P 12 14 36.9 +1.0

JTM Tenmabayashi 64.20 337 P P 12 14 52.3 +0.5

JKA Kamikawa-asahi 66.58 340 P P 12 15 08.1 +1.2

PETK Petrovlovsk 71.71 353 P P 12 15 38.7 +0.6

KLR Kul'dur 74.87 336 P P 12 15 57.8 +1.2

LVA Lava Point 75.19 15 P P 12 15 57.7 -0.7

AKUT Akutan 75.23 15 P P 12 15 57.6 -0.9

CMAR Chiang Mai Arr 77.92 294 P P 12 16 15.3 +0.9

CHGN Chignik 79.13 18 P P 12 16 19.7 -0.4

OHAK Old Harbor 81.46 20 P P 12 16 32.8 +0.3

M16K Timber Creek 83.05 15 P P 12 16 41.5 +0.8

K17K Iditarod 84.67 14 P P 12 16 49.9 +1.1

YAK Yakutsk 85.85 343 P P 12 16 54.8 +0.2

SONM Songino Array 86.30 323 P P 12 16 57.2 -0.1

SONM Songino Array 86.30 323 P P 12 16 57.7 +0.4

ILAR Eielson Array 89.32 17 P P 12 17 09.4 -1.6

MKAR Matsushiro Arr 100.88 316 P P 12 18 03.6 -0.5

ARCES ARCES Array B 124.04 345 PKP PKP 12 23 09.3 -2.1

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like GERES, ARSA, MOA, SESA, BIOA, SOKA, OBKA, KBA, LESA, MYKA, WATA, ABTA, WTTA, MOTA, SOTA, FETA, DAVA, etc.

JMA 14 12:10:26.0.2.24N:2.23E:0.6, h14km, 3km, MW1.0/6, NW OFF ISHIGAKI JIMA IS, Southwestern Ryukyu Islands

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

TAP 14 12:10:26.3.24.41N:121.40E, h7km, ML2.1, A, Taiwan

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

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

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

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

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

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

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

IDC 14 12:11:37.0.0.4.44.31N:115.19W, h0km, mb4.0/16, mbtmp4.0/24, ML3.8/7, MS3.6/40, Error ellipse: s-maj=7.4km s-min=6.0km az=84.0

NEIC 14 12:11:37.6.1.9.44.28N:0.02:115.05W:0.03, h8km, 4km, mb4.2/29, ML4.4/108, Mw4.2/75, ML4.7/33(BUT), Error ellipse: s-maj=3.3km s-min=2.7km az=219.0, Moment Tensor Solution. Moment tensors: Scale 10^15Nm; Mrr=-1.56; Mss=1.82; Mtt=0.27; Mrr=0.09; Mss=1.16; Mtt=0.85; Fault plane solution: Mw=2.3000x10^15 NPT=86.210000; 85.600000; A=133.460000; NPZ=320.280000; 858.170000; A=33.970000; Principal axes: T 2.3904; P16.0000; Azm26.0000; N -0.3555; P163.0000; Azm119.0000; P -0.0349; P1659.0000; Azm285.0000; NEIC 14 12:11:37.5.44.29N:115.06W, h5km

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 KNK, SML, K24K, O22K, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like I20K, L18K, L18K, O16K, M17K, J19K, J19K, J19K, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like C16K, TNA, APG, GAMB, CRIN, SFJD, SDD, BORG, SPITS, MA2, YAK, ARCES, EKA, NOA, NOA, HFS, HFS, FINES, FINES, KLR, LPAZ, CLL, ESDC, ESDC, KIRV, GERES, GERES, GERES, DAVOX, VRAC, TLY, ARTI, AKASG, AKASG, ZALV, SONM, SONM, BVAR, MLR, KURBB, KURBB, HHC, HHC, AKTO, CPUP, MKAR, MKAR, KBZ, BRTR, AAK, DBIC, ASF, WRA, ASAR, QSPA.

NOU 14 12:23:11.1, 41.83'S-173.29'E, h83km, MLv3.717, South Island, New Zealand
WEL 14 12:23:13.0, 0.6, 42.2, S; 3 * 17.3E; h69km, 5km, M3.4/53, ML3.1/16, MLv3.4/53, Error ellipse: s-maj=4.4km s-min=4.1km az=90.6, confirmed

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate. Includes stations like WVFS, WOKS, LOKS, MOLW, MOLW, THZ, THZ, GLOS, BTWS, BTWS, BSWZ, BSWZ, MRNZ, MRNZ, NNZ, NNZ, KHZ, KHZ, KHZ, KHZ, CMWZ, CMWZ, CMWZ, CMWZ, TKNZ, TKNZ, TKNZ, TKNZ, DSZ, DSZ, QNZ, QNZ, QNZ, QNZ, QNZ, QNZ, DUWZ, DUWZ.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Greta Valley S, Lake Taylor, Wellington, etc.

12C 14 12:24:16.3, 0.8, 28.23N, 143.57E, h0km, mb3.7/13, mbmp3.6/15, ML3.2/2, MS3.0/1, Error ellipse: s-maj=23.1km s-min=18.0km az=98.0

JMA 14 12:24:20.1, 0.4, 25.12N, 123.36E, h10km, n24, n24/42/28, mb3.8/13, Bonin Islands region

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Chichi jima, Chichijima, Warramunga Arr, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like FINES Fines Array B, KBZ Khabaz, NVAR Mina Array Bea, etc.

NNC 14 12:25:27.4, 5.3, 42.14N, 82.36E, h0km, mb3.1, mpv2.7, Error ellipse: s-maj=4.3km s-min=19.3km az=152.0

SOME 14 12:25:36.3, 4.2, 20N, 81.60E, h10km, n8, ISC 14 12:25:32.2, 4.2, 20N, 81.62E, 0.10, h10km, n8, #1864/13, 4C-2D, Northern Xinjiang

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Ketmen, Shalkode, Podgornoye, Jarkent, etc.

JMA 14 12:28:01.6, 0.4, 25.12N, 123.36E, h37km, NW OFF, ISHIGAKIJIMA IS, Southwestern Ryukyu Islands

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Yonaguni jima, Iriomote-Funau, Kuro-shima, etc.

TAP 14 12:28:35.0, 24.02N, 122.25E, h22km, ML 1.9, C, Taiwan region

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like E0S4, E0S3, E0S2, etc.

OSPL 14 12:46:37.7, 0.3, 17.84N, 66.95W, h10km, 3km, ML4.4, Presumed earthquake

NEIC 14 12:46:37.1, 1.6, 17.86N, 0.02, 66.919W, 0.009, h10km, 1km, ML3.6/39, MD3.4/23(RSPR), Error ellipse: s-maj=3.5km s-min=2.5km az=347.0

RSRP 14 12:46:38.1, 17.93N, 66.94W, h12km, MD3.4/23, SDD 14 12:46:38.6, 2.4, 17.90N, 66.91W, h0km, 11km, MD2.9, ML3.1, MW2.9, Presumed earthquake

ISC 14 12:46:37.8, 1.0, 17.92N, 0.04, 66.92W, 0.02, h17km, 4km, n51, #066/83, 10C-14D, Puerto Rico region

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like Guanica, Bosqu, Maguëyes Islan, etc.

Table with columns: Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like MLPR Cabo Rocio, CRPR Cabo Rojo, CRPR Cabo Rojo, etc.

OBIP Obispo Ponce, CELP Cerrillos, CELP Cerrillos

OBIP Obispo Ponce, CELP Cerrillos, CELP Cerrillos

OBIP Obispo Ponce, CELP Cerrillos, CELP Cerrillos

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IDC 14 13:16:00.9, 1.29, 25.98N-141.82E, h557km, 26km, mb2.6/5, mbtmp3.6/7, Error ellipse: s-maj=14.1km s-min=15.7km az=73.0, Volcano Islands region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Chichijima, Matsushiro Arr, Kurehato Arr, etc.

JSN 14 13:21:36.0, 6.0, 17.12N-76.68W, h21km, 2km, MD2.3, Confirmed Earthquake

SSNC 14 13:21:38.4, 1.1, 18.38N-76.76W, h10km, 10km, MD2.8, ML2.0, Presumed earthquake

ISC 14 13:21:34.9, 1.2, 18.32N-76.66W, 0.05, h14km, 14km, n17, c1534/28, 8C-4D, Jamaica region

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Greenwich, Bonny Gate, Stony Hill, etc.

MAN 14 13:23:51.0, 9.25N, 125.58E, h1km, MS2.9, Mindanao

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Surigao, Tandag City, Maasin, etc.

BUI 14 13:25:15.6, 2.12N-128.70E, h114km, mb5.1/24, mb5.1/73 IDC 14 13:25:23.1, 0.5, 2.68N-128.24E, h124km, mb4.5/36, mbtmp4.9/42, MS3.5/11, Error ellipse: s-maj=14.2km s-min=6.8km az=80.0

NEIC 14 13:25:23.1, 0.5, 2.74N-128.27E, 0.07, h120km, 4km, mb4.9/179, Mw4.9/159, Error ellipse: s-maj=11.9km s-min=7.8km az=53.0

GCMT 14 13:25:25.4, 0.2, 2.80N-128.17E, 0.02, h134km, 2km, Mw5.0/105, Moment tensor: S02, 41, C45; s105, c159; Duration: 0 Moment tensor: S02, 41, C45; s105, c159; Mw0.67z: 0.9; Mwz: 3.39z: 1.0; Mw1.00z: 0.7; Mw0.65z: 1.0; Mw1.09z: 0.9; Best double couple: M3.49700x10^16 NP1.1x10^14, 0.00000, 0.42, 0.00000, 0.53, 0.00000; NP2.1x10^16, 0.00000, 0.58, 0.00000, 0.11, 0.00000; Principal axes: T 3.3610, Plg65.0000; Azm334.0000; N 0.2740, Plg23.0000; Azm177.0000; P -3.6330, Plg9.0000; Azm83.0000; nsta1 refers to body waves, cutoff=40s; nsta2 refers to surface waves, cutoff=50s.

DJA 14 13:25:25.6, 0.2, 3.12N-128.92E, h115km, 2km, M5.2/97, mb5.7/55, mb5.3/97, MLv5.6/28, Mw4.9/78, Mw(MB)5.2/55, BIPH MwWpd4.7/5, MwMp5.0/5

MAN 14 13:25:26.0, 3.02N, 128.08E, h230km, M5.4, 9 ISC 14 13:25:23.4, 0.3, 2.68N-128.22E, 0.04, h123km, 2km, h124km, pP, n709, c119/691, mb4.9/196, 8C-3D, Halmahera

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Ternate, Sangihe, Manado, Sorong, etc.

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Davao City, Sanana, Kidapawan, Cateel, Davao, etc.

Main table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Includes stations like Bungbulang, Warrungarra Arr, Kavieng, etc.

Table with columns for station call letters, name, frequency, and various signal quality metrics. Includes stations like MJAR, MJB9, LYN, KLBR, etc.

Table with columns for station call letters, name, frequency, and various signal quality metrics. Includes stations like SHBG, GOMU, BOK, KLR, VIS, etc.

Table with columns for station call letters, name, frequency, and various signal quality metrics. Includes stations like KURK, DZA, IUG, KK31, etc.

14d 13h

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes entries like Q17K Contact Creek, E18K Tukpalearik C, F18K Selawik, etc.

2020 JUN

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes entries like KTH Kantishna Hill, F22K John River, B22K Teshkek Lake, etc.

796

Table with columns: ID, Name, Az, El, P, S, Az, El, P, S, Az, El, P, S, Az, El, P, S. Includes entries like SCRK Sand Creek, GLB Gilahina Butte, G26K Porcupine, etc.

Table with columns for station ID, name, frequency, power, and other parameters. Includes stations like Wanaqama, Adak, Tenmabayashi, Atka Island, Shemya Is, Alia, Lembang, Unalaska Valle, SLSB, TPUB, LVA, DBJI, FALS, PET, YSS, PETK, CHNA, SDPT, KRSR, KSAR, KASPIA, KASI, S14K, CHGN, CHIR, MDSI, SII, S11, R16K, R17L, OHAK, OHAK, OHAK, OHAK, WAKR, KSI, Q17K, ACHA, O14K, NJ2, O15K, KDAK, KDAK, Q16K, MYKOM, MYKOM, P16K, NVAR, NVAR, MDJ, MDJ, Q18K, M11K, N14K, N14K, P17K, O16K, O16K, M13K, Q19K, N15K, N15K, P18K, O17K, K05A, M14K, M14K, M15K, N16K.

Table with columns for station ID, name, frequency, power, and other parameters. Includes stations like Koktuh Hills, Koktuh Hills, HO4A, P19K, N17K, PINE, L14K, L14K, O19K, O19K, CNPK, CNPK, ILSW, ILSW, HOM, N18K, K13K, O20K, BRLL, L15K, BRSE, BNX, BNX, N19K, N19K, L16K, L16K, M17K, M17K, MAW, MAW, I07A, K15K, K15K, K15K, M18K, J08A, Q23K, SLKM, SLKM, L17K, O22K, U15A, P23K, SPCR, L18K, L18K, L18K, GAMB, STLK, STLK, P17K, RC01, RC01, L19K, M20K, J16K, J16K, CRAG, KAIM, GLI, GLI, EYAK, SKT, M22K, M22K, J17K, KNK, PMR, PMR, PMR, SIT, KULM, V35K, U33K, GHO, GHO, I17K, I17K, 121A, DIV, SML, ANM, S31K, M23K.

Table with columns for station ID, name, frequency, power, and other parameters. Includes stations like CUT, BMRM, BMRM, L22K, L22K, MESA, MESA, PPLA, SCM, SCM, KLU, S32K, WRAK, WRAK, K20K, K20K, CRQM, CRQE, H16K, F10A, G15K, PINM, J19K, VRDI, GRNC, N25K, CAST, CAST, GLB, GLB, M24K, M24K, WATK, WATK, TNA, TNA, F14K, WAT1, MCARA, R32K, R32K, P29M, P29M, HNS, HNS, H17K, H17K, H17K, BARN, KTH, J20K, J20K, TRF, TRF, CHUM, G16K, O28M, GCSA, F15K, LYN, LYN, O29M, PLBC, HARP, VHRN, RND, DHY, DHY, DHY, H18K, MNTX, G17K, T35M, SKAG, P30M, I20K, I20K, ENKH, ENKH, PAX, TX31, TXAR, M26K, M26K, PV18, PV23.

Table with columns for frequency, power, and other parameters. Includes values like 14 35 41.7 -0.6, 14 35 42.2 -0.3, 14 35 43.6, 14 35 42.2 -0.3, 14 35 42.7, 14 35 41.6 -0.8, 14 35 44.5, 14 35 42.7 -0.1, 14 35 42.5 -0.4, 14 35 44.1, 14 35 42.9 -0.1, 14 35 42.9 -0.3, 14 35 42.8 -0.4, 14 35 45.3, 14 35 42.4 -0.8, 14 36 27.0, 14 35 43.2 0.0, 14 35 44.9, 14 35 44.1 +0.5, 14 35 44.3 +0.7, 14 35 46.8, 14 35 45.3 +0.8, 14 35 44.3 -0.3, 14 35 45.2 +0.4, 14 35 46.4, 14 35 46.8, 14 35 45.1 -0.1, 14 36 27.8, 14 35 44.0 -1.2, 14 35 45.4 0.0, 14 35 46.5 0.0, 14 35 47.2, 14 35 45.1 -0.4, 14 35 45.5 -0.4, 14 35 46.0 +0.4, 14 36 28.9, 14 35 45.5 -0.1, 14 35 45.7 0.0, 14 35 45.7 -0.3, 14 35 45.8 -0.3, 14 36 04.6, 14 35 46.2 -0.1, 14 35 48.4, 14 35 46.1 -0.3, 14 35 48.0 +1.1, 14 35 46.3 0.0, 14 35 46.0 -0.3, 14 35 48.3, 14 36 29.5, 14 35 46.8 0.0, 14 36 30.5, 14 35 46.6 -0.2, 14 35 47.4, 14 35 46.5 -0.6, 14 35 47.1 +0.1, 14 35 48.0 +0.9, 14 35 49.1, 14 35 47.7 +0.1, 14 35 46.5 -0.8, 14 35 47.2 -0.3, 14 35 49.6 +1.3, 14 35 47.1 -0.8, 14 35 47.0 -0.7, 14 35 46.6 -1.1, 14 35 51.9, 14 35 49.1, 14 36 32.9, 14 35 48.1 -0.3, 14 35 48.8 +0.5, 14 35 52.0, 14 35 49.6 +0.6, 14 35 49.7 +0.5, 14 35 49.0 -0.4, 14 35 49.6 +0.4, 14 35 49.5 +0.2, 14 35 49.7 -0.5, 14 35 49.5 +0.1, 14 35 49.4 -0.4, 14 35 54.0, 14 35 52.9 +2.2, 14 36 32.8, 14 35 51.1 +0.9, 14 35 53.2, 14 35 54.0.

14d 14h

Table with columns: ID, Name, RA, Dec, Mag, P, Q, RA, Dec, Mag, P, Q. Rows include YUK6, S34M, S34M, PV02, YUK3, BRWY, HYT, H19K, ANMO, TPB28, G18K, YUK4, ALPN, H20K, P32M, Q32M, L26K, F17K, TPB01, BVCY, K24C, NEA2, I21K, I21K, O30N, O30N, MLY, G19K, RIDG, N30M, N30M, HDA, DLBC, BCAR, WCH, CCB, H21K, I23K, COLA, COLA, SCRK, IL31, IL31, DLMT, P33M, R33M, R33M, M29M, N31M, ELIB, EL2B, SNOW, J25K, J25K, SAND, MNHN, H23K, FLWY, PDAR, YHL, N32M, L29M, XAN, BOZ, BOZ, RODG, H24K, PRP, PRP, M31M, F21K, H1LR, DAWY, DRIO, WTLY, SNAE, SNAE, SNAE, SNAE, K29M, VNA3.

2020 JUN

Table with columns: ID, Name, RA, Dec, Mag, P, Q, RA, Dec, Mag, P, Q. Rows include HHC, HHC, RLMT, VNA2, POST, PLCA, VNA1, MIMPY, HNDO, J30M, CMAR, CHTO, APMT, BRDY, PLPT, RSSD, SONM, SONM, ZALV, MKAR, KURBB, KURBB, BVAR, SPITS, ARTI, AKTO, BOSA, ARCES, BELG, FINES, FINES, FINES, FINES, NOA, HFS, BORU, ONAU, KPL, FABU, BLEU, DEL, AK03, AK23, AKASG, AKAB, DRUM, MUD, LAWL, EAB, LUNU, RNPB, RNP2, RNP3, RNP4, RNP5, RNP6, RNP7, RNP8, RNP9, RNP10, RNP11, RNP12, RNP13, RNP14, RNP15, RNP16, RNP17, RNP18, RNP19, RNP20, RNP21, RNP22, RNP23, RNP24, RNP25, RNP26, RNP27, RNP28, RNP29, RNP30, RNP31, RNP32, RNP33, RNP34, RNP35, RNP36, RNP37, RNP38, RNP39, RNP40, RNP41, RNP42, RNP43, RNP44, RNP45, RNP46, RNP47, RNP48, RNP49, RNP50, RNP51, RNP52, RNP53, RNP54, RNP55, RNP56, RNP57, RNP58, RNP59, RNP60, RNP61, RNP62, RNP63, RNP64, RNP65, RNP66, RNP67, RNP68, RNP69, RNP70, RNP71, RNP72, RNP73, RNP74, RNP75, RNP76, RNP77, RNP78, RNP79, RNP80, RNP81, RNP82, RNP83, RNP84, RNP85, RNP86, RNP87, RNP88, RNP89, RNP90, RNP91, RNP92, RNP93, RNP94, RNP95, RNP96, RNP97, RNP98, RNP99, RNP100.

800

Table with columns: ID, Name, RA, Dec, Mag, P, Q, RA, Dec, Mag, P, Q. Rows include VRAC, VRAC, YVHC, JAVS, ELBH, KRUC, TREC, ZVC, ZVC, UCC, MOM, MEM, BTNL, EIL, BSTI, SRO, BHO, BGES, KHC, KHC, BMRD, BMRD, RICH, GERES, GERES, DOU, WINA, CONA, RONA, JSA, MOA, ARSA, BIOA, SESA, LESA, SOKA, KBA, WATA, RETA, OBKA, WTTA, MOTA, MYKA, SQTA, ABTA, DAVA, FETA, IDI, ESDC, ESDC, KEST, DBIC, TORD, TORD, NAO, AFAD, BUI, IDC, MOS, DSN, GII, MED, ISC, NEIC, GFZ, CLM, MCH, STEB, DPC, DPC, MONM, MORC, PNV, MLR, MML, MAUC, MAUC, PRU, PRU.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ASHO, GCIS, MZR, VRAC, etc.

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

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

14d 14h

Table with columns for station name, frequency, power, and signal strength. Includes stations like WHFO, JOF Joensuu, GORTI Trebel, UBBA Unterbreizbach, etc.

2020 JUN

Table with columns for station name, frequency, power, and signal strength. Includes stations like KSH2, BEBN Eben Emael, BOST Sart Tilman, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like SEM Semipalatinsk, DOMB Dombas, KMY Karmoy, etc.

Table with columns: Station Name, Frequency, Class, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other technical details. Includes stations like ESK Eskdalemuir, ENJ Nijar, MCD Coleburn Disti, etc.

Table with columns: Station Name, Frequency, Class, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other technical details. Includes stations like POLO, MTE, PCAB, PMRV, etc.

Table with columns: Station Name, Frequency, Class, Power, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other technical details. Includes stations like AVE Averroes, HVB Hyderabad, SP10 Spitsbergen Ar, etc.

14d 14h

Table with columns for station ID, name, coordinates, and various performance metrics. Includes stations like F22K John River, PEAO8 Petropavlovsk, and many others.

2020 JUN

Table with columns for station ID, name, coordinates, and various performance metrics. Includes stations like H18K Honhosa River, H16K Elim, H20K Anshana Hill, and many others.

808

Table with columns for station ID, name, coordinates, and various performance metrics. Includes stations like WRGLY Wrigley, K13K Kusilvak Mount, K15K Wolf Creek Mou, and many others.

Table with columns: Station ID, Name, Frequency, Class, Power, and Signal. Includes stations like M13K, L61B, M16K, etc.

Table with columns: Station ID, Name, Frequency, Class, Power, and Signal. Includes stations like O15K, K57A, WTLY, etc.

Table with columns: Station ID, Name, Frequency, Class, Power, and Signal. Includes stations like S31K, OHAK, S14K, etc.

NEIC 14 14:31:01.8,0.8,10.3S:0.1:161.37E:0.1,10,h82km,7km, mb4.4/23, Error ellipse: s-maj=17.2km s-min=11.2km az=221.0

IDC 14 14:31:02.9,2.2,10.35S:161.19E,h91km,17km,mb3.7/9, mbmp4.1/10,MS2.0/1, Error ellipse: s-maj=26.0km s-min=18.5km az=81.0

ISC 14 14:30:59.5,0.6,10.36S:0.0:08.161.43E:0.09,h61km,n37, r1534/39,mb4.2/18,Bougainville-Solomon Islands region

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

IDC 14 14:34:46.2,0.6,39.19N:40.80E,h0km,mb4.0/20, mbmp4.0/29,ML3.9/7, Error ellipse: s-maj=12.3km s-min=6.9km az=165.0

ISK 14 14:34:47.1,39.39N:40.75E,h5km,ML4.6/29 AFAD 14 14:34:47.4,39.39N:40.74E,h7km,3km,ML4.6/29

MOS 14 14:34:48.3,39.41N:40.71E,h11km,mb4.5/9, Error ellipse: s-maj=6.7km s-min=4.7km az=96.3

NEIC 14 14:34:50.3,1.8,39.42N:0.04:40.75E:0.05,h10km,1km, mb4.5/29, Error ellipse: s-maj=8.0km s-min=6.5km az=38.0

MCSM 14 14:34:52.1,0.7,39.9N:5.4E,1E,1E,h9km,4km,mb4.8, MLV4.4

ISC 14 14:34:48.4,1.0,39.35N:0.02:40.77E:0.02,h3km,7km,n243,r1582/294,mb4.3/30,12C-5D,Turkey region

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

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

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

Table with columns: Station Name, Frequency, Mode, Signal, and other parameters. Includes stations like MNK, MNSK, MNR, etc.

Table with columns: Station Name, Frequency, Mode, Signal, and other parameters. Includes stations like PAB, PAB, PAB, etc.

Table with columns: Station Name, Frequency, Mode, Signal, and other parameters. Includes stations like KLP, PTH, TSSA, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like MNK, Minsk, DRGR, NACGM, BZS, MBAR, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like OBKA, SESA, TJN, MOA, AQU, CKRC, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like BSEB, STU, KLR, TJO, HAMF, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like Sonseca Array, Dublin, San Pablo, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like GENI, JAY, GUY, etc.

Table with columns: Station Name, Frequency, Power, Modulation, and Signal Quality. Includes stations like E22K, TOLK, G19K, etc.

Table with columns: Station Name, Azimuth, Distance, Elevation, Azimuth Error, Distance Error, Elevation Error, and other parameters. Includes stations like CHUM Lake Minchumin, INK Inuvik, G27K Doyon Strip, etc.

Table with columns: Station Name, Azimuth, Distance, Elevation, Azimuth Error, Distance Error, Elevation Error, and other parameters. Includes stations like P17K Kvichak River, M22K Willow, I30M Mount Dempster, etc.

Table with columns: Station Name, Azimuth, Distance, Elevation, Azimuth Error, Distance Error, Elevation Error, and other parameters. Includes stations like HYT Haines Junctio, PINM Pinnacle, O29M Mount Kennedy, etc.

UPA 14 14:44:29.8, 0.9, 8.85N, 83.10W, h5gkm, 4km, MW3.7, Presumed earthquake
UCR 14 14:44:29.2, 0.9, 8.77N, 83.10W, h62km, 3km, MW3.6, Presumed earthquake
ISC 14 14:44:30.6, 1.3, 8.83N, 0.04, 83.07W, 0.03, h51km, 6km, n60, r111/83, 7C-5D, Costa Rica

Table with columns: Code, Station Name, Azimuth, Distance, Elevation, Azimuth Error, Distance Error, Elevation Error, and other parameters. Includes stations like VITO San Vito, EDAD Gofitto, POTRERO Grande, etc.

14d 15h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like YOJ, YON, YJNG, IRIF, etc.

NEIC 14 15:48:50.4+0.8, 3.33S:0.07x126.07E:0.06, h7km, 3km, mb4.3/15, Error ellipse: s-maj=10.4km s-min=8.7km az=208.0

DJA 14 15:48:50.4+0.2, 3.2S:12.12E, h10km, M4.5/33, mB5.0/8, mb4.7/18, MLv4.5/33, Mw(mB)4.4/8

IDC 14 15:48:52.4+3.4, 3.36S:126.07E, h23km, 21km, mb4.0/8, mbtmp4.2/13, ML4.0/3, Error ellipse: s-maj=24.0km s-min=10.1km az=70.0

ISC 14 15:48:53.4+0.5, 3.34S:0.05x126.03E:0.05, h35km, n62, az=134/67, mb4.3/13, Buru

Main station list table for the first section, including stations like NLAI, SANI, SANI, LUWI, etc.

WBO Warramunga Arr 18.26 154 P Iamb Iamb P 15 53 03.5 -0.6

ASAR comp=Z,2.0nm,0.9s,baz=346,slow=19,SNR=7.7

AS01 Alice Springs 21.61 107 P P 15 53 41.7 +1.1

RABL Rabaul 26.09 93 P P 15 54 24.5 +0.3

CAN Canberra 38.29 149 P P 15 56 10.5 -0.2

EVN Everest 48.91 312 P P 15 57 37.2 +0.2

SOMM Songoing Array 53.79 344 P P 15 58 13.1 +0.5

PETK Petropavlovsk 62.22 21 P P 15 59 11.4 -0.1

MKAR Mikanechi Array 63.03 328 P P 15 59 17.7 +0.7

KURB Kurchatov Arra 67.35 329 P P 15 59 46.4 +1.5

TORD Torodi Ar. Bea 124.16 284 PKP PKIKP 16 07 50.2 +0.5

2020 JUN

comp=Z,0.4nm,0.6s,baz=86,slow=2.1,SNR=2.2 TXAR Lajitas Array 126.30 56 PKP PKIKP 16 07 53.8 +0.1

ISK 14 15:50:36.8, 36.83N:26.27E, h10km, ML2.4/14 AFAD 14 15:50:36.1, 36.87N:26.24E, h7km, 4km, ML2.4

ISC 14 15:50:38.1+1.1, 36.87N:0.03x26.23E:0.02, h26km, 12km, n42, z128/65, Dodecanese Islands

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

DDIM Aydin, Didim 1.00 54 P P 15 50 55.6 -0.8

YAZI Mula-Dat-Sa 1.00 101 P P 15 50 54.1 -2.3

TNSA Tinos 1.08 308 P P 15 50 57.8 -0.3

GCAM G?zelcamli? 1.15 44 P P 15 50 59.4 0.0

DGB DGB 1.29 24 P P 15 50 55.4 -5.0

MLSB Milas 1.31 71 P P 15 51 01.7 -0.3

ZEYE Zezeli 1.38 9 P P 15 51 01.7 0.0

MHLO Agia Marina, M 1.48 264 P P 15 51 05.1 +0.3

CHOS Chios island 1.52 355 P P 15 51 02.6 -1.0

KARP Karpathos 1.52 150 P P 15 51 03.9 +0.3

AYDN Aydin 1.54 59 P P 15 51 23.1 -0.5

BLBC Balcova 1.65 23 P P 15 51 07.1 -0.6

ARG Arkanangelos 1.66 113 P P 15 51 05.5 0.0

AYDB Zeytinoglu-Aydi 1.71 50 P P 15 51 07.3 -1.5

AYDN Aydin 1.72 76 P P 15 51 09.6 +0.6

AYDN Aydin 1.75 160 P P 15 51 04.9 +1.2

AYDN Aydin 1.84 310 P P 15 51 31.4 +1.1

AYDN Aydin 1.93 61 P P 15 51 11.5 -1.0

AYDN Aydin 2.06 24 P P 15 51 14.7 -0.1

AYDN Aydin 2.47 87 P P 15 51 18.7 +1.2

AYDN Aydin 2.53 75 P P 15 51 18.7 +1.2

AYDN Aydin 2.55 37 P P 15 51 19.5 +1.6

ISC 14 15:55:34.5+1.3, 12.05N:0.04x87.98W:0.03, h12km, 8km, n123, z1975/152, mb4.3/17, 11C-4D, Near coast of Nicaragua

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

820

PQSS Presa 15 de Se 1.66 340 P S Pb 15 56 04.9 -0.1

TECO Alcaldia de Te 1.67 332 P S Pb 15 56 25.7 -0.2

ALLN Telcor Managua 1.68 86 P S Pb 15 56 04.7 +0.8

ALLN Laguna Tiscapa 1.68 87 P S Pb 15 56 07.0 -1.4

MGAN Managua 1.70 87 P S Pb 15 56 05.4 -0.3

MGAN Managua 1.70 87 P S Pb 15 56 05.3 -0.3

MGAN Americas 2 1.76 86 P S Pb 15 56 07.6 -1.6

MGAN AI N del Volca 1.77 91 P S Pb 15 56 29.9 -1.8

MGAN AI N del Volca 1.77 91 P S Pb 15 56 29.9 -2.5

AERN Aeropuerto Man 1.78 87 P S Pb 15 56 29.4 -2.4

COEG Centro de Oper 1.79 331 eP P 15 56 06.5 +1.3

COEG Centro de Oper 1.79 331 eP P 15 56 06.4 +1.2

COEG Alcaldia de Sa 1.79 336 P S Pb 15 56 29.8 0.0

MASN Masaya 1.79 92 P S Pb 15 56 08.2 -0.7

LIMN Finca el Limon 1.87 57 P P Pb 15 56 08.1 -0.5

LIMN El Faro 1.88 326 eP P 15 56 34.5 -0.3

PAVA Las Pavas 1.89 331 P S Pb 15 56 08.6 +2.0

PAVA Las Pavas 1.89 331 P S Pb 15 56 34.1 +1.3

NADN Granada 1.93 99 P S Pb 15 56 08.4 +1.1

NADN Loma Larga 1.96 324 P S Pb 15 56 08.5 +0.8

LOMA Loma Larga 1.96 324 P S Pb 15 56 08.5 +0.8

PSNO Presa 5 de nov 2.06 339 P S Pb 15 56 10.8 +1.8

PSNO Boqueron 2.10 323 eP P 15 56 11.3 +1.6

PMON Pimonte 2.10 322 eP P 15 56 11.8 +2.2

JAYA Jayaque - finc 2.14 318 eP P 15 56 10.2 0.0

JAYA Jayaque - finc 2.14 318 eP P 15 56 10.3 +0.3

OCON Estacion meteo 2.15 43 P P Pb 15 56 12.3 -1.1

OCON Matagalpa 2.19 66 P P Pb 15 56 11.5 +0.6

RCON San Juan de Ri 2.28 51 P P Pb 15 56 14.4 -1.3

BOAB BOACO BROADBA 2.30 80 P P Pb 15 56 13.8 +1.0

BOAB BOACO BROADBA 2.30 80 P P Pb 15 56 13.8 +1.6

JAVN AI SSO del Vol 2.32 103 eP P 15 56 14.0 +1.5

820

comp= $Z=0.7nm, 0.7s, baz=132, slow=6.0, SNR=4.2$
 comp= $Z=0.7nm, 0.7s$

NOA NORSAR Array B 96.47 335 P P
 comp= $Z=0.2nm, 0.6s, baz=122, slow=5.1, SNR=1.9$
 comp= $Z=0.2nm, 0.6s$

MSVF Nonsavu 99.11 114 LR LR
 comp= $Z=0.237nm, 18.8s, baz=219, slow=34$

LPAZ La Paz 122.65 230 PKP PKPdf
 comp= $Z=1.0nm, 0.7s, baz=227, slow=2.5, SNR=3.6$

ILAR Eielson Array 132.55 20 PKP PKPdf
 comp= $Z=0.8nm, 1.0s, baz=327, slow=5.1, SNR=4.5$

ILAR
 comp= $Z=0.3nm, 0.8s, baz=334, slow=5.4, SNR=4.1$

J57A Williamstown 145.40 313 PKPbc PKPbc
 comp= $Z=0.2nm, 0.6s, baz=145, slow=2.2, SNR=1.0$

PECO Prince Edward 145.84 315 PKP PKPdf
 comp= $Z=0.2nm, 0.6s, baz=145, slow=2.2, SNR=1.0$

DELO Deloro Mine 145.99 316 PKP PKPdf
 comp= $Z=0.2nm, 0.6s, baz=145, slow=2.2, SNR=1.0$

FFC Flin Flon 148.25 351 PKPbc PKPbc
 comp= $Z=0.2nm, 0.6s, baz=148, slow=2.2, SNR=1.0$

FFC Flin Flon 148.25 351 PKPbc PKPbc
 comp= $Z=0.2nm, 0.6s, baz=148, slow=2.2, SNR=1.0$

E46A Sault Ste Mari 148.97 324 PKP PKPdf
 comp= $Z=0.2nm, 0.6s, baz=148, slow=2.2, SNR=1.0$

TBM Thunder Bay 149.92 331 PKPbc PKPbc
 comp= $Z=0.2nm, 0.6s, baz=149, slow=2.2, SNR=1.0$

ULO Lac du Bonnet 151.03 340 PKPbc PKPbc
 comp= $Z=0.2nm, 0.6s, baz=151, slow=2.2, SNR=1.0$

PDAR Pinedale Array 160.86 358 PKP PKPdf
 comp= $Z=0.2nm, 0.9s, baz=116, slow=3.3, SNR=4.3$

PDAR
 comp= $Z=0.6nm, 0.6s, baz=35, slow=3.6, SNR=4.4$

NVAR Majina Array Bea 163.80 22 PKPab PKPab
 comp= $Z=2.7nm, 0.7s, baz=324, slow=4.5, SNR=1.0$

TXAR Lajitas Array 164.31 316 PKP PKPdf
 comp= $Z=0.2nm, 0.2s, baz=312, slow=1.8, SNR=4.1$

TXAR
 comp= $Z=1.0nm, 0.7s, baz=52, slow=3.9, SNR=8.4$

14d 16h: 11:56.8-2.2, 24.67N-122.90E, h0km, mb3.5/4, mbmp3.5/4, Error ellipse: s-maj=175.5km s-min=23.4km az=65.0
JMA 14 16:11:57.8-0.2, 24.78N-122.37E, h0km, mb3.3/10, NW OFF ISHIGAKIJIMA IS
ISC 14 16:11:58.1-1.0, 24.78N-122.37E, h0km, mb3.9gkm, n12, c070/19, mb3.4/4, Southwestern Ryukyu Islands

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time Res	ISC	h m s	ISC
YOJ	Yonaguni jima	0.46	226	P	Pg	16 12 07.3	-0.1	Pg
YOJ	Yonaguni jima	0.46	226	P	Pg	16 12 13.7	0.0	Pg
JYNG	Yonagunijimaku	0.51	230	P	Pg	16 12 08.1	-0.3	Pg
JYNG	Yonagunijimaku	0.51	230	P	Pg	16 12 15.1	-0.1	Pg
IRIF	Iriomote-Funau	0.55	144	P	Pg	16 12 10.1	+0.7	Pg
IRIF	Iriomote-Funau	0.55	144	P	Pg	16 12 19.0	+1.2	Pg
KJRS	Kuro-shima	0.79	133	P	Pb	16 12 14.0	+0.5	Pb
KJRS	Kuro-shima	0.79	133	P	Pb	16 12 24.9	-1.3	Pb
JJ	Ishigaki jima	0.82	121	P	Pg	16 12 13.7	-0.4	Pg
JJ	Ishigaki jima	0.82	121	P	Pg	16 12 25.2	+0.5	Pg
HATJ	Hateruma jima	0.82	151	P	Pb	16 12 14.6	-0.5	Pb
JISG	Ishigakijimahi	0.87	103	P	Pb	16 12 14.8	-0.2	Pb
JISG	Ishigakijimahi	0.87	103	P	Pb	16 12 26.8	+0.2	Pb
JTJ	Tarama	1.22	96	P	Sb	16 12 20.5	+0.1	Sb
JTJ	Tarama	1.22	96	P	Sb	16 12 36.7	+0.4	Sb
SONM	Songino Array	26.65	334	P	Pg	16 12 36.6	+0.3	Pg

14d 16h: 16:33.0-0.3, 25.1N-123.3E, h0km, mb3.1/9, NW OFF ISHIGAKIJIMA IS
14d 16h: 16:34.1-1.0, 24.25N-122.72E, h0km, mb3.3/2, mbmp3.3/3, ML3.1/1, Error ellipse: s-maj=373.7km s-min=42.4km az=96.0
ISC 14 16:16:33.7-2.2, 24.8N-123.31E, h0km, mb3.2n, n10, c1919/13, Southwestern Ryukyu Islands

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time Res	ISC	h m s	ISC
YOJ	Yonaguni jima	0.44	219	P	Pb	16 16 42.7	+0.6	Pb
YOJ	Yonaguni jima	0.44	219	P	Pb	16 16 48.9	-1.0	Pb
JYNG	Yonagunijimaku	0.48	224	P	Pb	16 16 42.8	-1.2	Pb
JYNG	Yonagunijimaku	0.48	224	P	Pb	16 16 50.2	-0.9	Pb
IRIF	Iriomote-Funau	0.60	141	P	Pb	16 16 45.5	-0.6	Pb
IRIF	Iriomote-Funau	0.60	141	P	Pb	16 16 54.7	0.0	Pb
KJRS	Kuro-shima	0.85	131	P	Pb	16 16 49.4	-0.7	Pb
KJRS	Kuro-shima	0.85	131	P	Pb	16 16 59.2	+0.4	Pb
HATJ	Hateruma jima	0.87	149	P	Pn	16 16 49.9	+0.1	Pn
JJ	Ishigaki jima	0.87	120	P	Pn	16 16 49.3	-0.5	Pn
JISG	Ishigakijimahi	0.93	103	P	Pb	16 16 50.0	-1.5	Pb
KSRS	Korea Array	13.21	16	Pn	Pg	16 19 51.9	+3.3	Pg
WRA	Warramunga Arr	45.75	165	P	Pg	16 24 54.4	+2.1	Pg
ASAR	Alice Springs	49.27	167	P	Pg	16 25 21.2	+1.7	Pg

14d 16h: 17:28.1-2.4, 24.33N-121.99E, h0km, mb3.7/3, mbmp3.7/3, MS3.9/2, Error ellipse: s-maj=424.4km s-min=28.5km az=70.0
JMA 14 16:17:28.1-0.2, 25.1N-123.3E, h0km, mb3.9gkm, n12, c1563/14, mb3.6/3, Southwestern Ryukyu Islands

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time Res	ISC	h m s	ISC
YOJ	Yonaguni jima	0.35	223	P	Pg	16 17 37.5	-1.7	Pg
YOJ	Yonaguni jima	0.35	223	P	Pg	16 17 44.3	-0.8	Pg
JYNG	Yonagunijimaku	0.40	228	P	Pg	16 17 38.4	-1.6	Pg
JYNG	Yonagunijimaku	0.40	228	P	Pg	16 17 45.0	-1.2	Pg
IRIF	Iriomote-Funau	0.57	132	P	Pg	16 17 40.9	-1.4	Pg
IRIF	Iriomote-Funau	0.57	132	P	Pg	16 17 50.1	-0.3	Pg
HATJ	Hateruma jima	0.82	143	P	Pn	16 17 45.1	-0.7	Pn
KJRS	Kuro-shima	0.83	125	P	Pn	16 17 44.5	-1.4	Pn
KJRS	Kuro-shima	0.83	125	P	Pn	16 17 56.5	-0.4	Pn
JJ	Ishigaki jima	0.87	114	P	Pn	16 17 44.9	-1.6	Pn
JISG	Ishigakijimahi	0.96	98	Pn	Pg	16 17 45.1	-2.5	Pg
JNU	Nakatsue	10.70	37	LR	LR	16 24 44.1		LR
SONM	Songino Array	26.67	334	P	Pg	16 23 07.6	+1.2	Pg
WRA	Warramunga Arr	45.68	165	P	Pg	16 25 50.3	+2.0	Pg
ASAR	Alice Springs	49.19	167	P	Pg	16 26 17.2	+1.6	Pg
DZM	Mot Dzumac	62.62	134	LR	LR	16 51 55.2		LR

14d 16h: 18:01.0-0.9, 24.56N-122.70E, h0km, mb3.8/10, mbmp3.8/12, ML3.2/2, MS3.5/3, Error ellipse: s-maj=25.1km s-min=18.0km az=77.0
NIED 14 16:18:04.2-0.3, 25.1N-123.3E, h0km, mb4.2, Moment Tensor Solution, s Moment tensor: Scale 10¹⁵Nm; M_{rr}=2.33; M_{tt}=1.99; M_{tt}=0.34; M_{rr}=0.03; M_{rr}=1.13; Fault plane solution: M₂₂=550000x10¹⁵ NP1₁₀=78.00000⁻³; s₃₅=0.00000⁻³; λ =120.00000⁻³; NP2₁₀=293.00000⁻³; s₆₀=0.00000⁻³; λ =71.00000⁻³
JMA 14 16:18:04.2-0.3, 25.1N-123.3E, h0km, MD4.6/8, MV3.9/8, NW OFF ISHIGAKIJIMA IS
ISC 14 16:18:02.7-0.7, 24.92N-122.33E, h0km, n20, c1529/18, mb3.8/3, Southwestern Ryukyu Islands

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time Res	ISC	h m s	ISC
YOJ	Yonaguni jima	0.53	212	P	Pg	16 18 13.8	+0.7	Pg
YOJ	Yonaguni jima	0.53	212	P	Pg	16 18 13.8	+0.7	Pg
JYNG	Yonagunijimaku	0.53	212	P	Pg	16 18 20.2	0.0	Pg
JYNG	Yonagunijimaku	0.53	212	P	Pg	16 18 22.9		Pg

14d 16h: 18:01.0-0.9, 24.56N-122.70E, h0km, mb3.8/10, mbmp3.8/12, ML3.2/2, MS3.5/3, Error ellipse: s-maj=25.1km s-min=18.0km az=77.0
NIED 14 16:18:04.2-0.3, 25.1N-123.3E, h0km, mb4.2, Moment Tensor Solution, s Moment tensor: Scale 10¹⁵Nm; M_{rr}=2.33; M_{tt}=1.99; M_{tt}=0.34; M_{rr}=0.03; M_{rr}=1.13; Fault plane solution: M₂₂=550000x10¹⁵ NP1₁₀=78.00000⁻³; s₃₅=0.00000⁻³; λ =120.00000⁻³; NP2₁₀=293.00000⁻³; s₆₀=0.00000⁻³; λ =71.00000⁻³
JMA 14 16:18:04.2-0.3, 25.1N-123.3E, h0km, MD4.6/8, MV3.9/8, NW OFF ISHIGAKIJIMA IS
ISC 14 16:18:02.7-0.7, 24.92N-122.33E, h0km, n20, c1529/18, mb3.8/3, Southwestern Ryukyu Islands

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time Res	ISC	h m s	ISC
YOJ	Yonaguni jima	0.53	212	P	Pg	16 18 13.8	+0.7	Pg
YOJ	Yonaguni jima	0.53	212	P	Pg	16 18 13.8	+0.7	Pg
JYNG	Yonagunijimaku	0.58	216	A	Sg	16 18 20.2	0.0	Sg
JYNG	Yonagunijimaku	0.58	216	A	Sg	16 18 22.9		Sg

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time Res	ISC	h m s	ISC
JYNG	Iriomote-Funau	0.69	147	S	Sb	16 18 22.9	-0.2	Sb
IRIF	Iriomote-Funau	0.69	147	S	Sb	16 18 26.5		Sb
KJRS	Kuro-shima	0.92	137	A	Pg	16 18 26.5	+1.4	Pg
KJRS	Kuro-shima	0.92	137	A	Pg	16 18 21.1	+0.6	Pg
KJRS	Kuro-shima	0.92	137	A	Pg	16 18 21.1	+0.6	Pg
JJ	Ishigaki jima	0.93	126	A	Sg	16 18 23.9	+0.4	Sg
JJ	Ishigaki jima	0.93	126	A	Sg	16 18 21.4		Sg
HATJ	Hateruma jima	0.96	153	A	Sg	16 18 33.6		Sg
HATJ	Hateruma jima	0.96	153	A	Sg	16 18 33.6	-0.2	Sg
JTJ	Tarama	1.28	102	A	Sg	16 18 44.3		Sg
JTJ	Tarama	1.28	102	A	Sg	16 18 44.3	+0.7	Sg
JOW	Kunigami	4.85	66	Pn	Pg	16 19 25.8	-2.0	Pg
JOW	Kunigami	4.85	66	Pn	Pg	16 19 25.8	-2.0	Pg
TGY	Tagaytay City	10.99	192	LR	LR	16 24 57.6		LR
KSRS	Korea Array	13.10	16	Pn	Pg	16 21 16.1	-3.0	Pg
USRK	Ussuriysk Arr	20.50	18	Pn	Pg	16 22 45.8	+2.9	Pg
CMAR	Chiang Mai Arr	23.52	259	P	Pg	16 23 05.5	-7.7	Pg
HILR	Hailar Arr	24.75	354	P	Pg	16 23 25.4	+1.0	Pg
SONM	Songino Array	26.51	334	P	Pg	16 23 41.9	+1.5	Pg
MKAR	Makanchi Array	39.19	314	P	Pg	16 25 29.2	-1.7	Pg
MKAR	Makanchi Array	39.19	314	P	Pg	16 27 39.2	-0.9	Pg
MKAR	Makanchi Array	39.19	314	P	Pg	16 27 39.2	-0.9	Pg
ZALV	Zalesovo Beam	40.71	326	P	Pg	16 25 44.2	+0.8	Pg
KURBB	Kurchatov Arr	42.82	319	P	Pg	16 26 00.8	+0.1	Pg
WRA	Warramunga Arr	45.86	165	P	Pg	16 26 22.8	-2.5	Pg
ASAR	Alice Springs	49.37	167	P	Pg	16 26 52.3	-0.3	Pg
YKA	Yellowknife	81.53	23	P	Pg	16 30 22.0	+1.7	Pg

JMA 14 16:23:21.8-0.3, 25.1N-123.3E, h0km, MB3.2/12, NW OFF ISHIGAKIJIMA IS
14d 16h: 23:23.0-1.1, 24.26N-122.46E, h0km, mb3.8/6, mbmp3.8/7, ML2.8/1, Error ellipse: s-maj=70.1km s-min=18.3km az=67.0
NEIC 14 16:23:26.1-1.0, 24.45N-122.85E, h0km, h18km, 5km, mb4.0/6, Error ellipse: s-maj=8.2km s-min=5.7km az=71.0
ISC 14 16:23:23.1-1.0, 24.66N-123.32E, h0km, n30, c2510/33, mb3.8/8, Southwestern Ryukyu Islands

Code	Station Name	Δ°	AZ $^\circ$	Phase ID	Time Res	ISC	h m s	ISC
YOJ	Yonaguni jima	0.34	236	P	Pg	16 23 02.2	-0.6	Pg
YOJ	Yonaguni jima	0.34	236	P	Pg	16 23 06.0	-2.8	Pg
YOJ	Yonaguni jima	0.34	236	P	Pg	16 23 36.3	+0.3	Pg
JYNG	Yonagunijimaku	0.40	239	P	Pg	16 23 31.5	-2.7	Pg
IRIF	Iriomote-Funau	0.49	131	P	Pg	16 23 33		

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

JMA 14 16:35:16.2±0.2, 24.9N±1.0, 123.3E±0.3, h29km, MV1.8/8, NW OFF ISHIGAKIJIMA IS, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like YOJ Yonaguni jima, YJNG Yonagunijimaku, etc.

TAP 14 16:35:44.0±24.46N±121.78E, h33km, ML1.6, C, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like EWUT Wuta, ENA Nanau, NDS Dongshan, etc.

JMA 14 16:41:46.8±0.9, 23.76N±121.33E±0.4, h30km, MV2.9/7, NW OFF ISHIGAKIJIMA IS, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like YOJ Yonaguni jima, YJNG Yonagunijimaku, etc.

IDC 14 16:41:39.0±1.2, 24.38N±122.24E, h0km, mb3.7/5, mbtmp3.7/6, ML3.2/1, Error ellipse: s-maj=67.7km s-min=19.0km az=67.0

TAP 14 16:41:47.7±23.74N±121.35E, h46km, ML1.6, C, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like WARB T Fenglin Townsh, WARB T Shilin, etc.

SOMM Sogingo Array 26.80 330 P 16 47 17.6 -4.6

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

IDC 14 16:42:42.6±5.1, 24.77N±123.23E, h0km, mb3.4/3, mbtmp3.4/3, Error ellipse: s-maj=79.4km s-min=30.3km sz=70.0

JMA 14 16:42:43.7±0.3, 25.1N±1.1, 123.3E±0.5, h28km, MV2.6/9, NW OFF ISHIGAKIJIMA IS

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like YOJ Yonaguni jima, YJNG Yonagunijimaku, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like IRIF Kuro-shima, JKRS Kuro-shima, etc.

IDC 14 16:43:02.3±1.6, 24.32N±121.79E, h0km, mb3.5/3, mbtmp3.5/4, ML3.3/1, Error ellipse: s-maj=99.4km s-min=27.0km az=77.0

JMA 14 16:43:03.1±0.4, 25.1N±1.1, 123.3E±0.4, h20km, MV2.9/7, NW OFF ISHIGAKIJIMA IS

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like YOJ Yonaguni jima, YJNG Yonagunijimaku, etc.

IDC 14 16:59:19.1±1.1, 24.49N±122.75E, h0km, mb3.6/5, mbtmp3.7/7, ML3.1/2, Error ellipse: s-maj=38.7km s-min=20.7km az=68.0

JMA 14 16:59:19.0±2.25, 25.1N±1.1, 123.3E±0.7, h25km, 4km, MV3.1/12, NW OFF ISHIGAKIJIMA IS

IDC 14 16:59:17.6±1.6, 24.87N±123.32E±0.03, h1km, 12km, n22, c099/28, mb3.7/5, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like YOJ Yonaguni jima, YJNG Yonagunijimaku, etc.

KSR5 Korea Array 13.14 16 Ph P 17 02 35.5 -0.2

SOMM Sogingo Array 26.55 330 P 17 04 58.6 +1.6

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

ISK 14 16:59:42.7, 39.36N±40.74E, h1km, ML3.4/24

AFAD 14 16:59:42.0, 39.37N±40.72E, h10km, 15km, MW3.5

IDC 14 16:59:43.0±1.2, 39.43N±40.70E, h0km, mb3.1/1, mbtmp3.1/6, ML2.8/5, Error ellipse: s-maj=20.6km s-min=9.4km az=175.0

IDC 14 16:59:43.1±1.0, 39.40N±40.76E±0.02, h7km±10km, n66, c159/79, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like YEDI Yedisu-Bingol, KARO Karlova-Bingol, etc.

ISK 14 17:02:30.5±2.8, 48.95N±158.57E, h0km, mb3.5/3, mbtmp3.4/4, ML2.1/1, Error ellipse: s-maj=76.6km s-min=29.5km az=92.0

MOS 14 17:02:34.5±0.6, 49.04N±158.01E, h5km, mb4.0/1, Error ellipse: s-maj=32.2km s-min=5.0km az=90.3

KRSC 14 17:02:35.4±1.4, 49.28N±158.25E, h39km±25km, ML4.3, Felt [I] at Severo-Kuril'sk

SKHL 14 17:02:35.6±0.1, 49.10N±158.10E, h72km±7km, mb5.3/3, Felt [II] at Severo-Kuril'sk

IDC 14 17:02:35.6±1.8, 49.08N±158.11E±0.09, h46km±20km, n59, c1914/95, mb3.6/3, East of Kuril Islands

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

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

IDC 14 17:02:30.5±2.8, 48.95N±158.57E, h0km, mb3.5/3, mbtmp3.4/4, ML2.1/1, Error ellipse: s-maj=76.6km s-min=29.5km az=92.0

MOS 14 17:02:34.5±0.6, 49.04N±158.01E, h5km, mb4.0/1, Error ellipse: s-maj=32.2km s-min=5.0km az=90.3

KRSC 14 17:02:35.4±1.4, 49.28N±158.25E, h39km±25km, ML4.3, Felt [I] at Severo-Kuril'sk

SKHL 14 17:02:35.6±0.1, 49.10N±158.10E, h72km±7km, mb5.3/3, Felt [II] at Severo-Kuril'sk

IDC 14 17:02:35.6±1.8, 49.08N±158.11E±0.09, h46km±20km, n59, c1914/95, mb3.6/3, East of Kuril Islands

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Khodutka, Asacha, Malayapa, Russkaya, Mutnovka, etc.

Code Station Name Azimuth Phase ID Time Res
YON Yonaguni jima 0.48 217 P Pb 17 04 08.1 -0.1
YOJ 17 04 08.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Guam, Chiang Mai, Sogino Array, Kurchatov, etc.

Code Station Name Azimuth Phase ID Time Res
YON Yonaguni jima 0.48 221 P Pb 17 04 26.5 -0.1
YOJ 17 04 26.5

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

Code Station Name Azimuth Phase ID Time Res
AC01 Pan de Azucar 0.62 157 Op Pn 17 20 38.4 -0.4

14d 17h

IDC 14 17:21:46.8, 1.0, 24.65N, 122.93E, h0km, mb3.6/8, mbmp3.6/10, ML2.9/2, Error ellipse: s-maj=29.7km s-min=19.1km az=66.0 JMA 14 17:21:47.8, 0.2, 24.9N, 0.8, 123.3E, 0.3, h27km, MV3.4/13, NW OFF ISHIGAKIJIMA IS

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like YONAGUNI JIMA, IRIF, KURO-SHIMA, etc.

JSN 14 17:27:55.2, 1.1, 18.11N, 76.66W, h21km, 3km, MD3.1, Confirmed Earthquake SSNC 14 17:27:55.4, 1.7, 18.24N, 76.70W, h5km, 7km, MD3.5, ML2.9, Presumed earthquake

ISC 14 17:27:54.1, 1.0, 18.23N, 0.06, 76.70W, 0.05, h23km, 9km, n22, c1508/35, 6C-5D, Jamaica region

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like GREENWICH, STONY HILL, HOPE, etc.

IDC 14 17:28:27.8, 2.7, 31.22N, 132.02E, h0km, mb3.8/5, mbmp3.8/9, ML3.9/3, Error ellipse: s-maj=51.2km s-min=35.3km az=1.0

JMA 14 17:28:38.2, 0.2, 32.11N, 0.5, 132.1E, 0.8, h24km, 2km, MV3.8/33, HYUGANADA REGION

JMA Felt J1 at HYUGANADA REGION. ISC 14 17:28:36.7, 1.7, 31.96N, 0.08, 132.13E, 0.05, h28km, 10km, n19, c129/26, mb3.9/5, 4D, Southeast of Shikoku

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like TSUNO, HYUGAHICHIYA, NICHINAKITAGO, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like HNS, KLR, SONM, BVAR, FINES, YKA, AKASG.

ISK 14 17:28:38.8, 39.35N, 40.72E, h4km, ML2.5/9 AFAD 14 17:28:39.6, 39.37N, 40.75E, h4km, 2km, ML2.3

ISC 14 17:28:39.4, 1.0, 39.37N, 0.02, 40.73E, 0.02, h6km, 11km, n19, c659/32, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like YEDI, KARO, ECAT, BINGI, etc.

IDC 14 17:28:37.4, 0.6, 24.84N, 123.28E, h0km, mb4.1/20, mbmp4.1/23, ML3.2/3, MS3.9/26, Error ellipse: s-maj=18.7km s-min=13.3km az=70.0

NEIC 14 17:28:38.1, 8.24, 39N, 0.04, 123.29E, 0.06, h10km, 1km, mb4.6/58, Error ellipse: s-maj=11.4km s-min=2.9km az=122.0

BUI 14 17:28:38.1, 24.77N, 123.33E, h12km, mb4.9/27, mb4.3/51, ML4.8/1, Ms5.0/55, Ms7.4/8/52

JMA 14 17:28:38.7, 0.2, 25.1N, 123.3E, 0.5, h21km, 4km, MD5.0/17, MW4.7/17, NW OFF ISHIGAKIJIMA IS

JMA Felt J1 at NW OFF ISHIGAKIJIMA IS. GCMT 14 17:28:41.8, 0.3, 24.77N, 0.01, 123.29E, 0.02, h12km, MW4.8/103, Moment Tensor Solution. s10, c10; s103, c152; Duration: 0 Moment tensor: Scale 10^16Nm; Mw=0.73; M=1.05e-06; Mb=0.31e-06; Me=1.15e-17; Ms=1.66e-04; Ms=0.32; 19. Best double couple; Ms2 11100x1016 NPT19.191.000000, 853.000000, 1-170.000000, NP219.94.000000, 882.000000, Azm148.000000; N -0.8920, Ptg52.000000, Azm264.000000; P -1.6660, Ptg32.000000, Azm46.000000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 14 17:28:39.8, 0.6, 24.76N, 0.03, 123.25E, 0.03, h16km, 3km, n161, c1192/149, mb4.5/60, MS4.1/26, 1C, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like YONAGUNI JIMA, IRIF, KURO-SHIMA, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, h m s, ISC. Lists stations like NACB, TATO, JIKM, YHNB, etc.

14d 18h

Table with columns for station name, frequency, power, and other technical details. Includes stations like SEM Semipalatinsk, SEM Baia Mare, BMR Baia Mare, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like ZALV Zalesovo Beam, ZALV ZEPUR, ZALV ZEPUR, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like GERES Panska Ves, GERES Panska Ves, PVCC Panska Ves, etc.

Table with columns: ID, Name, Comp, Z, SNR, E, P, M, S, R, D, A, T, V, W, X, Y, Z. Includes entries like F19K Shalercuk Mo, D28M Stokes Point, E23K Chandalar, etc.

Table with columns: ID, Name, Comp, Z, SNR, E, P, M, S, R, D, A, T, V, W, X, Y, Z. Includes entries like H27K Steamboat Moun, MLY Manley, MLY Wolf Creek Mou, etc.

Table with columns: ID, Name, Comp, Z, SNR, E, P, M, S, R, D, A, T, V, W, X, Y, Z. Includes entries like K29M Barlow Dome, PAX Paxson, SKT Skwentna, etc.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WRA Warramunga Arr, WRAB Tennant Creek, WRAB Tennant Creek, KAIM Kayak Island, etc.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like NDT Datong Townshi, EDLH Xiulin Townshi, NNS Nan Shan, etc.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EHYH Wanrong, WNT1 Nantou City, WNT1 Xinyi Township, etc.

IDC 14 18:09:33.7-1.8,2.44N:126.71E, h0km, mb3.3/5, mbmp3.4/5, Error ellipse: s-maj=123.4km

s-min=21.9km az=69.0, Northern Molucca Sea

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

IDC 14 18:10:04.0-8.6, 24.03N:122.08E, h0km, mb3.3/2, mbmp3.3/3, ML3.3/1, Error ellipse: s-maj=405.8km

s-min=42.3km az=97.0

JMA 14 18:10:07.7-0.1, 24.4N:0.3:121.5E:0.7, h47km, MV3.6/15, TAIWAN REGION

NIED 14 18:10:07.7, 24.35N:121.53E, h47km, MW4.1, Moment Tensor Solution. s2 Moment tensor: Scale: 10^15Nm;

Mn=-0.40; Mw=1.02; Mxx=0.62; Mxy=1.15; Myx=0.10; Myz=0.10;

Fault plane solution: M=1.35000x10^15 NPT=85.000000; delta=16.000000; lambda=100.000000; NP=2x76.000000;

774.000000; lambda=67.000000

TAP 14 18:10:08.3, 24.40N:121.64E, h40km, ML4.4, B

ISC 14 18:10:08.0-8.0, 24.40N:0.0:121.62E:0.0:1, h33km, 1km, n207, c094/336, 47C-29D, Taiwan

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ENA Nanau, ENA Aohua, EAHA Aohua, EHP Heping Village, etc.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like WARB Fenglin Townsh, HSN Hsinchu, WSP Puli Township, etc.

Table with columns: Code, Station Name, Az, Alt, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like EHYH Wanrong, WNT1 Nantou City, WNT1 Xinyi Township, etc.

14d 18h

Table with columns: STKA, Name, Value, Unit, Status, Date, and other metrics. Includes entries like Stephens Creek, Tin City, Mekoryuk, Arctic Creek, North Star Dit, Lisburne Hills, Kirov, KIRV, Kuka Creek, Kukka Creek, Noatak River, Bethel, Wolf Creek Mou, Ungalak Mounta, Hotham Inlet, Baldwin Pennin, Utukok River, Kasigluk River, Kwalik Mounta, Tukpahlearik C, Kwethluk River, Kwethluk River, Granite Mounta, Ungalikthiuk R, Selawik, Owhat River, Lookout Ridge, VABM Dome, Fog Glacier, Timber Creek, Timber Creek, Chernabura Isl, Tagagawik, Nishik Lake, Iditarod, Donlin, Kuna River, Shaleruckik Mo, Shaleruckik Mo, Kokwok River B, Kokwok River B, Redstone River, Redstone River, Meade River, Purcell Mounta, Holitna River, Holitna River, Etlivuk River, Etlivuk River, Nushagak Hills, Nushagak Hills, Roundabout Mou, Nigu River, Nigu River, Koliganek Bris, Granite Mounta, Sinclair Lake, Kvichak River, Poorman, Knifeflade Rid, Stony River, Ikpikpuk River, Ikpikpuk River, Mt. Peulik Vol, Anotleneega Mo, Contact Creek, White Mountain, Teshekpuk Lake, Teshekpuk Lake, Koktuh Hills, Koktuh Hills, Big Mountain, Nowinta River, Angle Creek He, Alatina River, Alatina River, Ailakaket, Big River Lodg, Telida, Katmai Hardscr, Melozitna River, John River.

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Table with columns: E22K, Name, Value, Unit, Status, Date, and other metrics. Includes entries like Anaktuvuk Pass, Anaktuvuk Pass, Styx River, Tanana, Tanana, Lake Minchumin, Bettles, Itkillik River, Itkillik River, Nanushuk River, Castle Rocks, Castle Rocks, Ishaitlita Cre, Ishaitlita Cre, Purkeypile, Old Harbor, Garni, Manley, Toolik Lake Re, Chandalar, Chandalar, Skwentna, Bananza Creek, Kodiak Island, Kodiak Island, Franklin Bluff, Happy Valley, Happy Valley, Petersville, Petersville, Yukon River, Yukon River, Your Creek, Minto, Yukon-K, Nenana, Nenana, Squaw Lake, Squaw Lake, Gray Lake S, McKinley, Kavik River, Rabbit Creek A, Reindeer, Noodor Dome, Noodor Dome, Hadweenciv Riv, Hadweenciv Riv, Wood River Hill, Palmer, Susitna Watana, Camden Bay, Arctic Village, Sawmill, Knik Glacier, Bearman Lake, Christian River, Christian River, Eileen Array, Harding Lake, Susitna Watana, Denali Highway, Glear View, Jago River, Sheep Creek Mo, Sheep Creek Mo, Obninsk, Sheenjek River, Donnelly Dome, Donnelly Dome, Salcha River, Chitina, Montague Islan, Toleana, Glenn, Paxson, Independent Ri, Klutina, HAARP, Coleen River, Sand Creek, Valde, Steamboat Moun, Bremner River, ARCES Array B, Babbage River, Babbage River.

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Table with columns: I27K, Name, Value, Unit, Status, Date, and other metrics. Includes entries like Kandik River, Old Crow, Kayak Island, Nabesna, AK, Nabesna, AK, McCarthy VSAT, Beaver Creek A, Beaver River, Miner Creek, Edge Creek, AK, Pine Creek, Dawson, Moose Creek, Barrier River, Eagle Plains, Mount Upton, FINESS Array S, FINESS Array B, FINESS, FINESS Array B, Inuvik, L29M, L29M, Pinnacle, Barlow Dome, Mount Dempster, Somme Creek, Somme Creek, Burwash Landin, Satoh River, Peel River, Outpost Mounta, Mount Kennedy, Aishikik Lake, Sachs Harbour, Haines Junctio, Windy Craggy, Million Dollar, Mendenthal, Malin Array Be, Pleasant Camp, Whitehorse, Keskin Array S, Keskin Array B, Keskin Array B, Jabal al Asrar, Skagway, Quiet Lake, Quiet Lake, Sheldon Lake, Atlin, Mount Meron Ar, Teslin, Yukon, Teslin, Yukon, Sitka, Naksa River, Jennings River, Jennings River, Elat, Whale Pass, Telegraph Cree, Craig, Watson Lake, Y, Dease Lake, Muntele Rosu, Wrigley, Hagfors, Hagfors, Ketchikan, NORSAR Subarra, NORSAR Array B, NORSAR Array B, Jan Jansen, Urewera, Yellowknife Ar, Yellowknife Ar, Vranco, Alland / Wiene, Conrad Observa, Arzberg, GERESE Array S, GERESE Array B.

Table with columns: MOA, SOKA, SESA, MYKA, LESA, MOTA, BORG, DAVOX, EKA, EDM, FRB, FFC, PPTZ, NVAR, PDAR, ESDC. Includes station names, coordinates, and times.

TAP 14 18:15:40.0, 24°39'N, 121°63E, h40km, ML3.8, B, Taiwan

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations like ENA, EHA, LATG, etc.

PNG Penghu 2:07 247 eP, PHUB Peng-hu 2:08 246 eP. Includes time and ISC values.

IDC 14 18:16:02.9, 2.3, 6.41S, 130.28E, h10km, 24km, mb3.4/3, mbtmp3.8/8, Error ellipse: s-maj=37.2km s-min=20.5km az=92.0

DJA 14 18:04:2.0, 2.0, 6.1S, 2.13°0E, h174km, 7km, M4.4/21, mb4.8/7, mb4.4/13, MLV4.7/21, Mw(MB)4.1/7

ISC 14 18:16:03.9, 0.8, 6.38S, 0.701, 23.26E, 0.07, h150km, n21, c=259/24, mb3.4/3, Banda Sea

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

IDC 14 18:24:36.9, 2.0, 1.97N, 127.47E, h0km, mb3.4/4, mbtmp3.5/4, Error ellipse: s-maj=107.9km s-min=25.5km az=69.0

MAN 14 18:24:50.0, 2.03N, 126.87E, h4km, MS3.5, DJA 14 18:24:51.0, 0.5, 2.3, 12.7E, h110km, 7km, M3.5/14, mb4.7/1, mb3.8/2, MLV3.4/14, Mw(MB)3.9/1, Mw(MW)3.9/1, Mwps, 2/1

ISC 14 18:24:49.8, 1.2, 1.90N, 0.07, 127.4E, 0.1, h112km, n11, c=112/14, mb3.7/3, Halmahera

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like TNTI, SGGI, SGTI, etc.

IDC 14 18:25:45.4, 18.0, 26.53N, 53.41E, h0km, mb3.7/5, mbtmp3.7/5, Error ellipse: s-maj=357.7km s-min=40.5km az=3.0, Southern IR

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

IDC 14 18:35:47.2, 3.8, 2.5, 03N, 124.13E, h0km, mb3.4/3, mbtmp3.4/3, Error ellipse: s-maj=472.2km s-min=29.9km az=70.0

JMA 14 18:35:49.9, 0.2, 2.4, 8N, 0.9, 123.3E, 0.4, h21km, 4km, MV2.27, NW OFF ISHIGAKIJIMA IS

ISC 14 18:35:49.9, 1.4, 24.72N, 0.1, 123.28E, 0.05, h16km, n8, c=1509/12, mb3.3/3, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like YOJ, JYNG, IRIF, etc.

IDC 14 18:37:39.0, 7.0, 7.24, 73N, 123.21E, h0km, mb3.9/14, mbtmp3.9/17, ML3.1/3, MS4.0/19, Error ellipse: s-maj=21.9km s-min=14.3km az=71.0

BUI 14 18:37:41.9, 24.80N, 123.36E, h11km, mb4.6/8, mb4.1/32, Ms4.7/24, Ms7.4/6/24

NIED 14 18:37:42.4, 24.85N, 123.32E, h26km, MW4.6, Moment Tensor Solution, s2, Moment tensor: Scale 10^15N/m, M= -1.77; Mw=2.78; Mw= -1.01; Mw= -3.00; Mw= 5.93; Mw= -4.32; Fault plane solution: Ms7.88000x10^15 NP1: 0.281, 0.00000, 0.349, 0.00000, lambda=5.00000, NP2: 0.15, 0.00000,

delta: 0.00000, lambda=139.00000, NEIC 14 18:37:42.4, 0.9, 24.82N, 0.05, 123.36E, 0.06, h10km, 1km, mb4.6/22, Error ellipse: s-maj=10.3km s-min=5.9km az=127.0

JMA 14 18:37:42.4, 0.2, 25.1N, 123.3E, 0.4, h26km, MD4.6/15, MW4.6/15, NW OFF ISHIGAKIJIMA IS, GCMT 14 18:37:44.4, 0.4, 24.84N, 0.02, 123.30E, 0.03, h15km, 2km, MW4.6/73, Moment Tensor Solution, s6, c8; s7, c102; Duration: 0, Moment tensor: Scale 10^15N/m, M= -1.86; Mw= 6.4; Mw= 3.49; Mw= -1.63; Mw= 4.7; Mw= 3.26; Mw= 1.70; Mw= 8.06; Mw= 1.80; Mw= 1.52; Best double couple: Mw= 3.7000x10^15, NP1: 0.191, 0.00000, 0.365, 0.00000, lambda=1.67, 0.00000, NP2: 0.96, 0.00000, 0.878, 0.00000, lambda=24.00000, Principal axes: T 9.6140, Plg8.0000, Azm145.0000, N= -0.4880, Plg63.0000, Azm252.0000, P= 9.1260, Plg25.0000, Azm52.0000, nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 14 18:37:41.7, 0.4, 24.80N, 0.04, 123.31E, 0.03, h10km, n100, c=1533/83, mb4.3/28, MS4.1/22, 12, Southwestern Ryukyu Islands

Main station list table for the right page with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like YOJ, JYNG, IRIF, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Gaotai, Warramunga Arr, Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Warramunga Arr, ASAR Alice Springs, CMAR Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like AGRB Hanur-Agry, DBAD Bademkaya, KOTA Agri, Merkez-K, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TIWZ, PRWZ, MTW, TRMS, SNZO, etc.

IDC 14 19:02:06.3, 1.1, 24.79N:123.24E, h0km, mb3.6/7, mbmp3.5/8, MS3.2/5, Error ellipse: s-maj=34.4km

JMA 14 19:02:07.0, 0.2, 25.1N:123.3E, 0.6, h24km, 3km, MD4.3/11, MV2.9/11, NW OFF ISHIGAKIJIMA IS

NIED 14 19:02:07.0, 24.89N:123.28E, h24km, MW4.1, Moment Tensor Solution...

ISC 14 19:02:08.4, 0.8, 24.75N:123.32E, 0.04, h16km, n18, s=073/19, mb3.5/7, MS3.2/3, Southwestern Ryukyu Islands

Main table for 839 containing station data for various stations like YOJ, JYNG, IRIF, etc.

TAP 14 19:04:52.3, 23.11N:120.90E, h1km, ML1.6, 1C-D, C, Taiwan

Main table for 839 containing station data for various stations like STYH, ELDTW, etc.

IDC 14 19:04:59.3, 2.4, 24.11N:122.00E, h0km, mb3.5/3, mbmp3.5/3, Error ellipse: s-maj=41.3km s-min=29.6km

JMA 14 19:05:00.6, 0.2, 25.1N:123.3E, 0.4, h25km, 3km, MV3.0/12, NW OFF ISHIGAKIJIMA IS

ISC 14 19:05:02.6, 1.3, 24.7N:123.30E, 0.05, h35km, n10, s=103/13, mb3.4/3, Southwestern Ryukyu Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YOJ, YJNG, IRIF, etc.

NEIC 14 19:06:56.1, 1.0, 19.09N:103.67E, 0.01, h10km, 1km, ML3.5/37, MD3.8/16(RSPR), Error ellipse: s-maj=5.7km

OSPL 14 19:06:57.0, 0.9, 19.09N:67.71W, h9km, 32km, ML3.7, Presumed earthquake

RSPR 14 19:06:59.5, 19.13N:67.56W, h7km, 31km, MD3.8/16

ISC 14 19:06:57.0, 1.4, 19.04N:106.67E, 0.02, h8km, 10km, n44, s=817/2, 9C-10D, Mona Passage

Main table for 839 containing station data for various stations like IDE, AGPR, etc.

ISC 14 19:09:40.2, 39.39N:40.68E, h13km, 2km, ML1.5/2

AFAD 14 19:09:41.3, 39.37N:40.66E, h7km, 5km, ML1.7, Turkey

Main table for 839 containing station data for various stations like YEDI, YEDI, etc.

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

AFAD 14 19:17:41.8, 39.37N:40.73E, h7km, 1km, ML1.9

ISK 14 19:17:42.2, 39.36N:40.73E, h7km, ML2.0/4, Turkey

Main table for 839 containing station data for various stations like YEDI, YEDI, etc.

IDC 14 19:19:11.4, 1.3, 24.61N:123.04E, h0km, mb3.6/4, mbmp3.5/5, Error ellipse: s-maj=72.9km s-min=21.6km

JMA 14 19:19:12.3, 0.2, 25.1N:123.3E, 0.4, h21km, MV3.1/12, NW OFF ISHIGAKIJIMA IS

ISC 14 19:19:12.8, 0.8, 24.61N:123.09E, 0.04, h16km, n13, s=107/17, mb3.6/4, Southwestern Ryukyu Islands

Main table for 839 containing station data for various stations like YOJ, YJNG, etc.

IDC 14 19:25:51.4, 0.9, 24.79N:123.16E, h0km, mb3.8/9, mbmp3.5/7, ML1.2, Error ellipse: s-maj=29.2km

JMA 14 19:25:52.7, 0.2, 25.1N:123.3E, 0.4, h25km, MV3.5/13, NW OFF ISHIGAKIJIMA IS

NEIC 14 19:25:53.7, 2.0, 24.86N:104.123.23E, 0.06, h10km, 1km, mb4.3/11, Error ellipse: s-maj=9.6km s-min=6.6km

ISC 14 19:25:52.9, 0.5, 24.82N:105.123.32E, 0.03, h10km, n56, s=1910/59, mb4.0/16, Southwestern Ryukyu Islands

Main table for 839 containing station data for various stations like YOJ, YJNG, etc.

Table with columns for station ID, name, elevation, distance, bearing, and other parameters. Includes stations like E17K Hotham Inlet, O14K Tigykauiv M, F17K Baldwin Pennin, etc.

Table with columns for station ID, name, elevation, distance, bearing, and other parameters. Includes stations like O18K Koktuh Hills, P18K Big Mountain, J20K Nowinta River, etc.

Table with columns for station ID, name, elevation, distance, bearing, and other parameters. Includes stations like WRH Wood River Hill, PMR Palmer, WAT1 Susitna Watana, etc.

Table with columns: ANN, comp, MLR, MLR, 70.21, 31, P, 19 37 30.9 -1.8, etc. Lists various seismic events with station names like MCARA, BCAR, CRQE, etc.

Table with columns: BRTR, Keskin Array B, 74.38 307, P, P, 19 37 56.8 -1.5, etc. Lists seismic events with station names like BRTR, BR104, BR106, etc.

Table with columns: HLID, Hailey, 93.75 38, Iamb, Iamb, 19 39 41.0, etc. Lists seismic events with station names like BOZ, NVAR, NVAR, etc. Includes a detailed station list at the bottom.

14d 21h

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WIZ White Island, CNZG Carnahg Stat, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YONJ Yonagunijimaku, YJNG Yonagunijimaku, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like M16K comp=Z,3.0nm,1.2s, FINES FINES Array B, etc.

IDC 14 21:02:57.8,2.4,25.21N:123.330E, h0km, mb3.4/5, mbmp3.4/5, Error ellipse: s-maj=172.8km s-min=21.9km az=64.0

JMA 14 21:03:01.0,0.2,24.8N:0.7,123.3E:0.2, h21km, MV3, 1/12, NW OFF ISHIGAKIUMA IS

ISC 14 21:03:00.2,0.2,24.92N:0.09,123.33E:0.05, h14km, s13km, n13, c=078/19, mb3.4/5, Southwestern Ryukyu Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GSI Gunungstoli, GAGI Jajag, Banyu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GNI Gari, TOKI Tokat, etc.

Table with columns for station name, elevation, and various data points. Includes stations like BILL, Zeya, ZEA, HEH, MDJ, YAK, SPIA, BNK, JHU, GAMB, UNV, CN2, HHU, JMN, TNA, K13K, M13K, KSRS, KS19, KSAR, F14K, ANM, HILR, L14K, SNY, and SNU.

Table with columns for station name, elevation, and various data points. Includes stations like SNY, PYAG, JCJ, JCJ, M14K, M14K, N14K, N14K, SUJ, SUJ, O14K, O14K, G15K, F15K, F15K, L15K, TJN, TJN, HJU, HJU, K15K, K15K, JNU, JNU, SDPT, M15K, H16K, N15K, N15K, O15K, O15K, TIXI, TIXI, TIXI, TIXI, G16K, S14K, C16K, CHNA, CNBA, J16K, J16K, I17K, I17K, L16K, M16K, M16K, N16K, D17K, G17K, F17K, F17K, RDOG, RDOG, O16K, J17K, J17K, H17K, H17K, P16K, P16K, C17K, L17K, K17K, K17K, K17K, M17K, M17K, N17K, N17K, O17K, E18K, E18K, F18K, H18K, H18K, H18K, C18K, C18K, C18K.

Table with columns for station name, elevation, and various data points. Includes stations like G18K, G18K, DL2, DL2, DL2, DL2, DL2, DL2, P17K, R17L, L18K, L18K, CIT, CIT, CIT, CIT, CIT, CIT, Q17K, N18K, N18K, GCSA, M18K, F19K, CHIR, P18K, G19K, O18K, O18K, C19K, H19K, H19K, Q18K, J19K, J19K, E19K, L19K, D19K, N19K, M19K, XLT, XLT, XLT, XLT, XLT, SII, H20K, F20K, K20K, Q19K, J20K, D20K, E20K, P19K, M20K, OHAK, OHAK, B20K, O20K, K20K, K20K, K20K, K20K, G21K, G21K, PPLA, CHUM, H21K, H21K, F21K, H1N2, H1N3, H1N1, C21K, CAST, E21K, E21K, HOM, A21K, SKT, B21K, I21K, A22K, KTH, L22K.

H22K	Ishtaltna Cre	30.79	38	P	P	21 29 34.0	-0.2	
BRSE	Bradley Lake S	30.82	50	P	P	21 29 33.8	-0.6	
BJ12	Beijing	30.87	269	P	S	21 29 35.9	+0.8	
BJ12				S	Pmax	21 34 37.8	+0.7	
BJ12	comp=Z,6.0nm,0.9s				Pmax			
BJ12	comp=Z,90nm,3.7s				LR	LR		
G22K	Bettles	30.89	36	P	P	21 29 34.8	-0.3	
MLY	Manley	30.95	40	Iamb	Iamb	21 30 01.2		
MLY	Manley	30.95	40	P	P	21 29 36.3	+0.7	
CUT	Chuitlita	31.00	45	P	P	21 29 37.1	+1.0	
E22K	Anaktuvuk Pass	31.01	34	P	P	21 29 37.1	+1.0	
B22K	Teshchuk Lake	31.02	29	P	P	21 29 37.0	+0.9	
TRF	Thorofare Moun	31.02	43	Iamb	Iamb	21 30 02.6		
TRF	Thorofare Moun	31.02	43	P	P	21 29 36.1	-0.4	
RC01	Rabbit Creek A	31.26	48	P	P	21 29 38.6	+0.3	
H11S1	WAKE ISLAND Hy	31.35	164	T	T	22 03 30.8		
H11S3	WAKE ISLAND Hy	31.36	164	T	T	22 03 22.5		
H11S2	WAKE ISLAND Hy	31.37	164	T	T	22 03 29.7		
G23K	Bananza Creek	31.44	37	P	P	21 29 39.6	-0.4	
SEW	Seward	31.44	50	P	P	21 29 39.3	-0.6	
H23K	Yukon River	31.53	39	Iamb	Iamb	21 30 06.1		
H23K	Yukon River	31.53	39	P	P	21 29 40.8	+0.2	
PMR	Palmer	31.54	47	P	P	21 29 40.9	+0.2	
I23K	Minto, Yukon-K	31.54	40	P	P	21 29 40.9	+0.2	
D23K	Nanushuk River	31.59	33	Iamb	Iamb	21 30 05.2		
D23K	Nanushuk River	31.59	33	P	P	21 29 41.4	+0.2	
NEA2	Nenana	31.62	41	Iamb	Iamb	21 30 08.3		
NEA2	Nenana	31.62	41	P	P	21 29 42.0	+0.5	
MCK	McKinley	31.64	43	Iamb	Iamb	21 30 07.5		
MCK	McKinley	31.64	43	P	P	21 29 41.3	-0.4	
RND	Reindeer	31.67	43	Iamb	Iamb	21 30 07.4		
WAT1	Susitna Watana	31.80	44	P	P	21 29 42.8	-0.3	
E23K	Chandalar	31.81	34	P	P	21 29 44.0	+0.8	
C23K	Iklikil River	31.81	31	P	P	21 29 43.5	+0.5	
KNK	Knik Glacier	31.87	47	Iamb	Iamb	21 30 09.2		
KNK	Knik Glacier	31.87	47	P	P	21 29 43.2	-0.5	
SML	Sawmill	31.91	46	P	P	21 29 45.2	+1.0	
TOLK	Toolik Lake Re	31.93	33	P	P	21 29 45.2	+1.0	
JOW	Kunigami	32.03	237	P	P	21 29 45.8	+0.3	
JOW	comp=Z,182nm,20.2s,baz=24,slow=39				LR	LR	21 44 08.2	
JOW	Kunigami	32.03	237	P	P	21 29 45.1	-0.4	
WRH	Wood River Hill	32.04	41	Iamb	Iamb	21 30 11.5		
COLA	College	32.16	40	P	P	21 29 46.2	0.0	
COLA	College	32.16	40	eP	Pmax	21 29 47.3	+1.1	
CCB	Clear Creek Bu	32.17	41	P	P	21 29 45.9	-0.4	
WAT6	Susitna Watana	32.17	45	P	P	21 29 46.1	-0.4	
M23K	Glacier View	32.20	46	P	P	21 29 46.7	+0.1	
H24K	Noodor Dome	32.21	39	P	P	21 29 46.4	-0.3	
H24K	Noodor Dome	32.21	39	P	P	21 29 46.8	+0.1	
E24K	Your Creek	32.23	34	P	P	21 29 46.9	0.0	
E24K	Your Creek	32.23	34	P	P	21 29 47.5	+0.7	
D24K	Happy Valley	32.29	32	P	P	21 29 47.1	-0.1	
DHY	Denali Highway	32.33	44	P	P	21 29 48.1	+0.2	
DHY	Denali Highway	32.33	44	P	P	21 29 47.9	-0.1	
TIA	Tai'an	32.37	262	P	S	21 29 50.4	+2.1	
TIA				S	Pmax	21 35 05.3	+4.8	
TIA	comp=Z,10.0nm,0.9s				LR	LR		
TIA	comp=Z,510nm,16.5s				LR	LR		
TIA	comp=Z,420nm,16.5s				LR	LR		
F24K	Squaw Lake	32.38	36	P	P	21 29 48.1	-0.1	
SCM	Sheep Creek Mo	32.39	46	Iamb	Iamb	21 30 20.9		
SCM	Sheep Creek Mo	32.39	46	P	P	21 29 48.0	-0.4	
C24K	Franklin Bluff	32.44	31	P	P	21 29 48.6	+0.1	
G24K	Hadweencic Riv	32.45	37	Iamb	Iamb	21 30 12.9		
G24K	Hadweencic Riv	32.45	37	P	P	21 29 49.2	+0.5	
HDA	Harding Lake	32.53	41	Iamb	Iamb	21 30 14.5		
HDA	Harding Lake	32.53	41	P	P	21 29 49.2	-0.2	
GLI	Glacier Island	32.55	48	P	P	21 29 49.1	-0.7	
IL31		32.57	41	Iamb	Iamb	21 30 15.3		
ILAR	Eielson Array	32.57	41	P	P	21 29 50.6	+0.9	
ILAR	comp=Z,356nm,21.6s,baz=258,slow=35				LR	LR	21 42 21.0	
ILAR	Eielson Array	32.57	41	P	P	21 29 49.8	0.0	
ILAR	Eielson Array	32.57	41	P	P	21 29 49.8	0.0	
M24K	Tolsona, Glenn	32.92	46	P	P	21 29 51.9	-1.1	
G25K	Bearman Lake	33.00	37	P	P	21 29 54.0	+0.5	
K24K	Donnelly Dome	33.05	43	P	P	21 29 54.0	0.0	
Q23K	Middleton Isla	33.07	51	P	P	21 29 55.3	+1.2	
KLU	Klutina	33.08	47	Iamb	Iamb	21 30 20.8		
KLU	Klutina	33.08	47	P	P	21 29 55.0	+0.7	
PRP	Porcupine Dome	33.17	39	P	P	21 29 55.8	+0.6	
D25K	Kavik River	33.17	32	P	P	21 29 56.1	+1.0	
DIV	Divide	33.18	47	Iamb	Iamb	21 30 17.0		
PAX	Paxson	33.21	44	P	P	21 29 55.6	+0.1	
J25K	Salcha River,	33.22	41	P	P	21 29 55.0	-0.5	
F25K	Christian River	33.24	36	P	P	21 29 56.7	+0.9	
EYAK	Cordova Ski Ar	33.24	48	P	P	21 29 55.4	-0.3	
HNS	HongShan	33.25	266	P	S	21 29 57.1	+1.1	
HNS				S	Pmax	21 35 15.8	+1.6	
HNS	comp=Z,32nm,1.1s				Pmax			
HNS	comp=Z,380nm,3.8s				LR	LR		
HNS	comp=Z,310nm,17.1s				LR	LR		
HNS	comp=Z,660nm,21.0s				LR	LR		
ULN	Ulaanbaatar	33.31	288	P	P	21 29 56.2	-0.5	
ULN				Iamb	Iamb	21 29 58.4		
ULN	comp=Z,15nm,0.9s				P	P	21 29 57.3	+0.6
ULN	Ulaanbaatar	33.31	288	eP	Pmax			
ULN	comp=Z,18nm,1.0s				P	P	21 29 57.3	+0.6
E25K	Arctic Village	33.32	35	Iamb	Iamb	21 30 20.4		
E25K	Arctic Village	33.32	35	P	P	21 29 56.1	-0.3	
HARP	HAARP	33.38	45	P	P	21 29 57.1	+0.2	
RIDG	Independent Ri	33.46	43	Iamb	Iamb	21 30 23.2		
RIDG	Independent Ri	33.46	43	P	P	21 29 57.1	-0.5	
HHC	HHC	33.47	274	eP	S	21 29 58.6	+0.6	
HHC	HHC			S	Pmax	21 35 18.3	+0.5	
HHC	comp=Z,9.0nm,0.7s				Pmax			
HHC	comp=Z,190nm,3.8s				LR	LR		
HHC	comp=Z,1um,15.1s				LR	LR		
HHC	comp=Z,890nm,16.0s				LR	LR		
IRK	Irkutsk	33.57	296	eP	P	21 29 57.6	-1.1	
IRK				P	Pmax			
N25K	Chitina, Valde	33.70	46	P	P	21 29 59.5	-0.3	
SOMN	Songino Array	33.73	288	P	P	21 30 00.6	+0.3	
SOMN	comp=Z,3.8nm,0.8s,baz=61,slow=7.9,SNR=25				LR	LR	21 46 09.0	
SOMN	comp=Z,510nm,18.4s,baz=60,slow=41				P	P	21 30 00.0	-0.3
SOMN	Songino Array	33.73	288	P	P	21 30 00.0	-0.3	
SOMN	Songino Array	33.73	288	P	Pmax			
BMRM	Bremner River	33.76	48	Iamb	Iamb	21 30 26.5		
BMRM	Bremner River	33.76	48	P	P	21 30 00.2	-0.1	
C26K	Camden Bay	33.77	31	P	P	21 30 01.0	+0.9	
RAGK	Ragged Mountai	33.79	49	Iamb	Iamb	21 30 30.2		
F26K	Sheenjek River	33.82	35	P	P	21 30 02.2	+1.5	
SCRK	Sand Creek	33.83	42	Iamb	Iamb	21 30 26.5		
SCRK	Sand Creek	33.83	42	P	P	21 30 01.7	+0.8	
NJ2	Nanjing	33.88	254	eP	S	21 30 02.8	+1.3	
NJ2				S	Pmax	21 35 27.9	+3.9	
NJ2	comp=Z,28nm,0.6s				Pmax			
NJ2	comp=Z,490nm,4.3s				LR	LR		
NJ2	comp=Z,2um,16.6s				LR	LR		
NJ2	comp=Z,2um,14.2s				LR	LR		
G26K	Porcupine Rive	33.92	37	P	P	21 30 02.4	+0.8	
MENT	Mentasta	34.01	44	Iamb	Iamb	21 30 42.1		
TYL	Talaya	34.11	295	LR	LR	21 44 30.1		
TYL	Talaya	34.11	295	eP	Iamb	21 30 02.9	-0.5	
TYL	Talaya	34.11	295	eP	Pmax	21 30 03.5	+0.1	
TYL	comp=Z,36nm,1.7s				P	P	21 30 03.5	+0.1
C27K	Jago River	34.15	32	P	P	21 30 04.2	+0.8	
C27K	Jago River	34.15	32	P	P	21 30 04.7	+1.3	
M26K	Nabesna, AK	34.38	45	P	P	21 30 05.8	+0.1	
CRQM	Cirque	34.50	48	Iamb	Iamb	21 30 26.4		
TIY	Taiyuan	34.57	268	eP	S	21 30 12.1	+4.6	
TIY				S	Pmax	21 35 36.6	+1.9	
TIY	comp=Z,63nm,0.4s				LR	LR		
TIY	comp=Z,570nm,15.3s				LR	LR		
TIY	comp=Z,460nm,17.3s				LR	LR		
BT02	Baotou	34.63	275	eP	S	21 30 08.8	+0.7	
BT02				S	Pmax	21 35 30.5	-5.2	
BT02	comp=Z,22nm,1.4s				Pmax		21 37 44.9	-3.8
BT02	comp=Z,390nm,4.6s				LR	LR		
BT02	comp=Z,2um,15.3s				LR	LR		
BT02	comp=Z,2um,12.9s				LR	LR		
ZAK	Zakamensk	34.74	293	eP	P	21 30 09.4	+0.4	
G27K	Doyon Strip	34.76	37	Iamb	Iamb	21 30 34.0		
G27K	Doyon Strip	34.76	37	P	P	21 30 09.4	+0.5	
I27K	Kandik River	34.79	39	P	P	21 30 09.0	-0.2	
E27K	Coleen River	34.81	35	Iamb	Iamb	21 30 12.3		
E27K	Coleen River	34.81	35	P	P	21 30 09.1	-0.1	
H27K	Steamboat Moun	34.82	38	Iamb	Iamb	21 30 34.8		
B27K	Beaver Creek A	34.88	44	P	P	21 30 09.9	-0.1	
M27K	Edge Creek, AK	34.91	45	P	P	21 30 11.3	+1.0	
D27M	Malcolm River	35.08	33	Iamb	Iamb	21 30 14.7		
D27M	Malcolm River	35.08	33	P	P	21 30 11.8	+0.2	
BARN	Barnard Glacie	35.17	47	Iamb	Iamb	21 30 34.4		
GRNC	Granite Creek	35.17	48	Iamb	Iamb	21 30 39.5		
BVCY	Beaver Creek	35.37	45	P	P	21 30 14.2	+0.1	
F28M	Old Crow	35.45	36	Iamb	Iamb	21 30 14.8	0.0	
F28M	Old Crow	35.45	36	P	P	21 30 14.8	0.0	
I28M	Miner Creek	35.50	39	Iamb	Iamb	21 30 46.5		
I28M	Miner Creek	35.50	39	P	P	21 30 15.2	-0.1	
LOGN	Logan Glacier	35.52	47	Iamb	Iamb	21 30 46.0		
E28M	Babbage River	35.58	34	Iamb	Iamb	21 30 18.9		
E28M	Babbage River	35.58	34	P	P	21 30 16.9	+1.1	
YUK3	Moose Creek	35.64	46	P	P	21 30 17.3	+0.6	
MOY	Mondy	35.68	296	eP	P	21 30 17.4	+0.4	
MOY				Pmax	Pmax			
DAWY	Dawson	35.85	42	P	P	21 30 18.5	+0.2	
D28M	Stokes Point	35.88	33	P	P	21 30 18.8	+0.5	
O28M	Mount Upton	35.92	47	Iamb	Iamb	21 30 45.3		
O28M	Mount Upton	35.92	47	P	P	21 30 19.9	+0	

14d 21h

2020 JUN

Table with columns for station call letters, frequency, and various signal quality metrics (e.g., SNR, SNR=10, etc.).

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ULM	comp=Z,3.0nm,0.6s,baz=318,slow=6.5,SNR=3.4	LR	LR	22 00 48.8
ULM	comp=Z,3.19nm,21.8s,baz=330,slow=36			
ULM	comp=Z,3.0nm,0.6s	62.50	44 Iamb Iamb	21 34 11.1
ULM	Lac du Bonnet	62.50	44I eP	21 33 41.5 -0.4
SRU	San Rafael Swe	62.52	61 Iamb	21 33 42.9 +0.4
SRU	comp=Z,1.1nm,0.9s			21 34 13.8
SRU	San Rafael Swe	62.52	61 P	21 33 42.9 +0.4
SRU	comp=Z,1.1nm,0.9s			
PFO	Phynon Flats O	62.68	69 LR	21 55 45.6
RSSD	Black Hills	62.72	53 P	21 33 43.8 0.0
RSSD	Black Hills	62.72	53 P	21 33 43.8 0.0
RSSD	comp=Z,1.6nm,0.6s			
BELG	Belogoryev	62.91	320 LR	22 02 29.9
BELG	comp=Z,3.16nm,19.8s,baz=49,slow=37			
BELG	Belogoryev	62.91	320ceP	21 33 44.6 0.0
BELG	comp=Z,4.0nm,0.9s			
FINES	FINES Array B	63.23	336 P	21 33 47.1 +0.4
FINES	comp=Z,8.3nm,0.6s,baz=348,slow=7.4,SNR=70			
FINES	comp=Z,4.73nm,20.5s,baz=36,slow=39			22 04 27.6
FINES	comp=Z,8.3nm,0.6s			
FINES	FINES Array B	63.23	336 P	21 33 47.0 +0.4
KAPI	Kappang	63.41	224 LR	22 02 42.7
KAPI	comp=Z,2.3nm,20.0s,baz=356,slow=37			
KAPI	Kappang	63.41	224I eP	21 33 48.5 +0.2
KAPI	comp=Z,2.7nm,1.6s			
PUL	Pulkovo	63.44	333I eP	21 33 47.7 -0.3
PUL	comp=Z,2.27nm,0.8s			
NSS	Namsos	63.62	344 eP	21 33 48.0 -1.1
PV22	Blue Mesa, Par	63.91	61 Iamb	21 33 52.8 +1.0
PV22	comp=Z,1.0nm,0.9s			21 34 15.2
PV15	Paradox Valley	64.04	61 P	21 33 53.7 +1.0
PV03	Radium Mtn., P	64.15	61 Iamb	21 34 16.4
KBL	Kabul	64.23	294 P	21 33 53.8 -0.1
KBL	comp=Z,1.13nm,0.8s			21 34 06.9
KBL	Kabul	64.23	294 P	21 33 53.8 -0.1
KBL	comp=Z,1.3nm,0.8s			
MOS	Moscow	64.29	327 eP	21 33 54.2 +0.5
MOS	comp=Z,1.9nm,0.8s			21 34 09.8
MOS	Moscow	64.29	327 eS	21 42 27.2 -2.1
MOS	Moscow	64.29	327 eP	21 33 54.2 +0.5
JHNI	Jhansi	64.47	280 eP	21 33 58.0 +2.7
BLSP	Bilaspur	64.51	275 eP	21 33 59.1 +3.4
BLSP	comp=Z,1.6nm,1.3s			21 34 17.1
ISCO	Idaho Springs	64.83	58 P	21 33 58.4 +0.5
ISCO	comp=Z,8.1nm,1.0s			21 34 30.6
ISCO	Idaho Springs	64.83	58 P	21 33 58.4 +0.5
ISCO	comp=Z,8.0nm,1.0s			
OBN	Obninsk	65.16	327ceP	21 33 59.4 +0.1
OBN	comp=Z,1.1nm,0.9s			21 34 17.2
OBN	Obninsk	65.16	327 eS	21 36 22.8
OBN	Obninsk	65.16	327 eS	21 42 34.7 -5.2
OBN	Obninsk	65.16	327 eSS	21 46 50.0 -1.6
OBN	comp=Z,2.2nm,1.3s			
OBN	Obninsk	65.16	327 P	21 33 59.3 0.0
OBN	comp=Z,5.32nm,comp=Z,3.5nm,1.1s			
OBN	Obninsk	65.16	327 eP	21 33 59.4 +0.1
VSU	Vanuatu	65.56	334dI/P	21 34 00.6 -1.3
VSU	comp=Z,1.4nm,0.8s			
RAGD	RAYAGADA	65.69	272 eP	21 34 03.5 +0.1
VRH	Novokhoporsky	66.24	322 eP	21 34 04.9 -1.5
VRH	comp=Z,1.0nm,0.9s			
LPSR	Galich ya Gora	66.26	324 eP	21 34 05.1 -1.4
LPSR	comp=Z,2.0nm,0.9s			
AJM	Ajmer	66.36	283 eP	21 34 10.6 +3.0
BORG	Borghans	66.44	360 LR	22 05 19.8
BORG	comp=Z,1.19nm,18.7s,baz=342,slow=38			
AKN	Aaknes	66.65	346 eP	21 34 09.9 +1.1
BHPL	Bhopal	66.80	279 eP	21 34 13.8 +3.4
BHPL	comp=Z,1.8nm,1.1s			21 34 32.4
ECSD	EROS Data Cent	66.80	50 Iamb	21 34 33.9
ECSD	comp=Z,2.2nm,1.4s			
NC405	NORSAR Array S	66.80	343 P	21 34 10.1 +0.3
NC204	NORSAR Array S	66.83	344 P	21 34 10.7 +0.6
VORR	Voronezh	66.88	324 eP	21 34 08.7 -1.7
VORR	comp=Z,8.0nm,0.9s			
NB201	NORSAR Subra	66.94	343 P	21 34 10.9 +0.1
NB2	NORSAR Subarra	66.97	343 P	21 34 11.0 +0.1
NB2	comp=Z,1.1nm,0.9s,baz=342,slow=5.5			
NB2	NORSAR Subarra	66.97	343 P	21 34 11.0 +0.1
NOA	NORSAR Array B	66.97	343 P	21 34 11.3 +0.4
NOA	comp=Z,7.1nm,0.8s,baz=23,slow=6.4,SNR=38			
NOA	comp=Z,1.25nm,20.3s,baz=35,slow=39			22 07 08.2
NOA	comp=Z,7.1nm,0.8s			
NC602	NORSAR Array S	67.19	343 Iamb	21 34 34.9
NC602	comp=Z,2.1nm,1.6s			
NC602	NORSAR Array S	67.19	343 eP	21 34 12.7 +0.4
NGP	Nagpur	67.21	276 eP	21 34 14.9 +1.8
VSR	Storzhevoye	67.25	323 eP	21 34 12.4 -0.4
VSR	comp=Z,1.2nm,1.0s			
HFS	Hagfors	67.31	342 P	21 34 13.1 +0.1
HFS	comp=Z,5.5nm,0.7s,baz=54,slow=2.1,SNR=18			
HFS	comp=Z,1.98nm,19.0s,baz=25,slow=41			22 09 42.4
NRDN	NARADA NAGAR	67.37	329 eP	21 34 15.7 +1.9
VORD	Vidgorie	67.40	323 eP	21 34 12.2 -1.5
VORD	comp=Z,1.0nm,1.1s			
HYA	Hoyanger	67.73	346 eP	21 34 16.5 +0.8
ANMO	Albuquerque	67.75	62 LR	22 00 33.0
ANMO	comp=Z,1.12nm,21.8s,baz=324,slow=33			
ANMO	Albuquerque	67.75	62I eP	21 34 16.0 -0.5
ANMO	comp=Z,3.0nm,0.9s			
SKAR	Skarslia	67.83	344 eP	21 34 17.2 +0.7
SUE	Sulen	68.06	346 eP	21 34 18.6 +0.9
MTSU	Mount Surprise	68.09	194 P	21 34 18.9 +0.5
I37A	Lemond, Waseca	68.17	47 P	21 34 19.3 +0.5
HRA	Herat	68.36	298 Iamb	21 34 20.9 +0.5
HRA	comp=Z,8.9nm,0.7s			21 34 35.0
ASK	Askoy	68.54	346 eP	21 34 21.7 +0.9
KONO	Kongsberg	68.56	343 P	21 34 21.9 +1.0
KONO	comp=Z,2.0nm,1.2s			21 34 43.2
KONO	Kongsberg	68.56	343 eP	21 34 22.1 +1.1
KONO	Kongsberg	68.56	343ceP	21 34 21.4 +0.5
KONO	comp=Z,1.1nm,1.1s			
MNK	Minsk	68.56	331 I/P	21 34 21.9 +0.8
MNK	comp=N,12nm,0.8s			
MNK	comp=N,11nm,0.9s			
MNK	comp=Z,2.7nm,0.9s,baz=33			
MNK	iPP	21 34 36.0 -0.9		
MNK	iPP	21 36 53.6 +1.8		
MNK	iPPP	21 38 33.3		
MNK	iS	21 43 21.4 +0.2		
MNK	iSS	21 43 45.7 +1.4		
MNK	iSS	21 47 47.4 +3.1		
MNK	iSSS	21 51 04.4		
MNK	iLO	21 59 44.3		
MNK	iLRM	22 05 28.1		
MNK	comp=N,180nm,16.4s			
MNK	comp=N,180nm,16.4s			
MNK	comp=N,180nm,16.4s			
MNK	comp=Z,456nm,20.4s			

MNK	Minsk	68.56	331 I/P	21 34 21.8 +0.8
MNK	comp=N,12nm,0.8s			21 34 36.0 -0.9
MNK	comp=N,11nm,0.9s			21 36 53.6
MNK	comp=Z,3.0nm,0.6s			21 38 33.3
MNK	comp=Z,1.5nm,0.9s			21 43 21.3 +0.2
MNK	comp=Z,1.5nm,0.9s			21 43 45.7 +1.4
MNK	comp=Z,1.5nm,0.9s			21 47 47.4 +3.1
MNK	comp=N,12nm,0.8s			
MNK	comp=N,11nm,0.9s			
MNK	comp=Z,2.7nm,0.9s			
MNK	comp=N,180nm,16.0s			
MNK	comp=N,180nm,16.0s			
MNK	comp=N,180nm,16.0s			
MNK	comp=E,276nm,18.0s			
MNK	comp=Z,456nm,20.0s			
NACGN	Naroch	68.56	332I/P	21 34 21.4 +0.4
NACGN	comp=Z,1.9nm,0.9s,baz=32			
STRU	Stroomstad	68.83	342 I/P	21 34 23.4 +0.9
AKL	Akola	68.87	277 eP	21 34 24.9 +1.4
CTA	Charters Tower	69.72	192 P	21 34 28.7 +0.2
SCHO	Schefferville	69.75	26 P	21 34 28.0 +0.4
SCHO	comp=Z,1.3nm,0.8s,baz=349,slow=5.4,SNR=20			
SCHO	Schefferville	69.75	26 Iamb	21 34 29.9
SCHO	comp=Z,1.3nm,0.8s			
MAK	Makhachkala	69.95	313 eP	21 34 26.3 -3.5
MAK	comp=Z,1.9nm,0.6s			21 38 40.9
MAK	Makhachkala	69.95	313 ePPP	21 43 32.3 -5.6
MAK	Makhachkala	69.95	313 eS	21 48 09.8 +3.5
MAK	Makhachkala	69.95	313 eSS	
MAK	comp=Z,1.9nm,0.6s			
MAK	Makhachkala	69.95	313 eP	21 34 26.3 -3.5
MAK	comp=Z,1.9nm,0.6s			21 38 40.9
MAK	Makhachkala	69.95	313 ePPP	21 43 32.3 -5.6
MAK	Makhachkala	69.95	313 eS	21 48 09.8 +3.5
MAK	Makhachkala	69.95	313 eSS	
MAK	comp=Z,1.9nm,0.6s			
HOMB	Homborsund	70.06	343 I/P	21 34 32.0 +1.8
SNART	Snartemo	70.23	344 I/P	21 34 32.5 +1.3
SUW	Suway	70.41	334 eP	21 34 32.5 +1.3
MNTX	Cornudas Mount	70.69	64 P	21 34 35.8 +0.2
AKT	Akhty	70.97	312 eP	21 34 36.8 +0.6
AKT	comp=Z,9.0nm,0.8s			21 37 18.7
AKT	Akhty	70.97	312 eP	21 43 48.9 -1.1
AKT	comp=Z,9.0nm,0.8s			
ERBR	Yeremizino-Bor	71.03	319 eP	21 34 36.9 +0.5
ERBR	comp=Z,1.9nm,1.1s			21 34 50.1 -2.6
ERBR	Yeremizino-Bor	71.03	319 ePPP	21 43 50.5 +0.1
ERBR	Yeremizino-Bor	71.03	319 eS	
ERBR	comp=Z,1.9nm,1.1s			
ERBR	Yeremizino-Bor	71.03	319 eP	21 34 36.9 +0.5
ERBR	comp=Z,1.9nm,1.1s			21 34 50.1 -2.6
ERBR	Yeremizino-Bor	71.03	319 ePPP	21 43 50.5 +0.1
ERBR	Yeremizino-Bor	71.03	319 eS	
ERBR	comp=Z,1.9nm,1.1s			
ERBR	Yeremizino-Bor	71.03	319 eP	21 34 36.9 +0.5
ERBR	comp=Z,1.9nm,1.1s			21 34 50.1 -2.6
ERBR	Yeremizino-Bor	71.03	319 ePPP	21 43 50.5 +0.1
ERBR	Yeremizino-Bor	71.03	319 eS	
ERBR	comp=Z,1.9nm,1.1s			
ERBR	Yeremizino-Bor	71.03	319 eP	21 34 36.9 +0.5
ERBR	comp=Z,1.9nm,1.1s			21 34 50.1 -2.6
ERBR	Yeremizino-Bor	71.03	319 ePPP	21 43 50.5 +0.1
ERBR	Yeremizino-Bor	71.03	319 eS	
ERBR	comp=Z,1.9nm,1.1s			
ERBR	Yeremizino-Bor	71.03	319 eP	21 34 36.9 +0.5
ERBR	comp=Z,1.9nm,1.1s			21 34 50.1 -2.6
ERBR	Yeremizino-Bor	71.03	319 ePPP	21 43 50.5 +0.1
ERBR	Yeremizino-Bor	71.03	319 eS	
ERBR	comp=Z,1.9nm,1.1s			
ERBR	Yeremizino-Bor	71.03	319 eP	21 34 36.9 +0.5
ERBR	comp=Z,1.9nm,1.1s			21 34 50.1 -2.6
ERBR	Yeremizino-Bor	71.03	319 ePPP	21 43 50.5 +0.1
ERBR	Yeremizino-Bor	71.03	319 eS	
ERBR	comp=Z,1.9nm,1.1s			
ERBR	Yeremizino-Bor	71.03	319 eP	21 34 36.9 +0.5
ERBR	comp=Z,1.9nm,1.1s			21 34 50.1 -2.6
ERBR	Yeremizino-Bor	71.03	319 ePPP	21 43 50.5 +0.1
ERBR	Yeremizino-Bor	71.03	319 eS	
ERBR	comp=Z,1.9nm,1.1s			
ERBR	Yeremizino-Bor	71.03	319 eP	21 34 36.9 +0.5
ERBR	comp=Z,1.9nm,1.1s			21 34 50.1 -2.6
ERBR	Yeremizino-Bor	71.03	319 ePPP	21 43 50.5 +0.1
ERBR	Yeremizino-Bor	71.03	319 eS	
ERBR	comp=Z,1.9nm,1.1s			
ERBR	Yeremizino-Bor	71.03	319 eP	21 34 36.9 +0.5
ERBR	comp=Z,1.9nm,1.1s			21 34 50.1 -2.6
ERBR	Yeremizino-Bor	71.03	319 ePPP	21 43 50.5 +0.1
ERBR	Yeremizino-Bor	71.03	319 eS	
ERBR	comp=Z,1.9nm,1.1s			
ERBR	Yeremizino-Bor	71.03	319 eP	21 34 36.9 +0.5
ERBR	comp=Z,1.9nm,1.1s			21 34 50.1 -2.6
ERBR	Yeremizino-Bor	71.03	319 ePPP	21 43 50.5 +0.1
ERBR	Yeremizino-Bor	71.03	319 eS	
ERBR	comp=Z,1.9nm,1.1s			
ERBR	Yeremizino-Bor	71.03	319 eP	21 34 36.9 +0.5
ERBR	comp=Z,1.9nm,1.1s			21 34 50.1 -2.6
ERBR	Yeremizino-Bor	71.03	319 ePPP	21 43 50.5 +0.1
ERBR	Yeremizino-Bor	71.03	319 eS	
ERBR	comp=Z,1.9nm,1.1s			
ERBR	Yeremizino-Bor	71.03	319 eP	21 34 36.9 +0.5

Table of seismic events with columns for MODS, station names, magnitudes, and times. Includes events like MODS Modra-Piesok, DSB Dublin, IGLA Glengowia, CO, etc.

Main table of seismic events with columns for station names, magnitudes, and times. Includes events like LPAZ La Paz, QSPA South Pole, QSPA South Pole, etc.

Table of seismic events with columns for station names, magnitudes, and times. Includes events like JNU Nakatsue, KSRS Korea Array, CMAR Chiang Mai Arr, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Squaw Lake, Bradley Lake S, Mckinley, Kavik River, Noodor Dome, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Keskin Array S, Keskin Array B, Keskin Array C, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like Zamboanga City, Dipolog City, Sibulan, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, RTZ Ruataniwha, KNRA Kununurra, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YULB Yu-li, SSSL Suanglung, SSSL Suanglung, etc.

NIED 15 00:21:35.1, 24:91N; 123:31E, h17km, MW4.2, Moment Tensor Solution... Scale: 10^15 Nm

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NEIC 15 00:37:09.0, GSIG Igitkin Island, GSYM Great Sitkin M, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PTAR3, RAZU, PIRRS, etc.

NIED 15 01:14:38.7, 24:91N, 123:26E, h24km, MW4.8, Moment Tensor Solution...

JMA 15 01:14:38.7, 0.2, 24:91N, 0.8, 123:3E, 0.8, h24km, 4km, MD5.2/13, MV3.7/13, NW OFF ISHIGAKIJIMA IS

NEIC 15 01:14:40.4, 1.2, 24:82N, 0.0, 123:14E, 0.0, h10km, 1km, mb4.5/21, Error ellipse: s-maj=8.2km s-min=6.4km

BUI 15 01:14:40.1, 24:79N, 123:23E, h11km, mb5.2/35, mb4.4/48, Mw5.0/58, Ms7.4/56

GCMT 15 01:14:42.0, 0.3, 24:77N, 0.0, 123:21E, 0.0, h12km, 1km, MW4.8/105, Moment Tensor Solution...

IDC 15 01:14:50.6, 4.7, 24:80N, 123:25E, h102km, 44km, mb3.7/17, mbtmbp4.0/18, MS4.1/62 Error ellipse:

ISC 15 01:14:40.6, 0.6, 24:75N, 0.0, 123:34E, 0.0, h16km, 3km, n191, s160/141, mb4.3/32, MS4.3/73, 3C-1D,

Southwestern Ryukyu Islands

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

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YHNB, YHNB, YHNB, etc.

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

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, h, m, s, Res, ISC, h, m, s, Res. Includes stations like KURK, KURKB, KURBB, PALK, WRA, WRR, KKAR, BVAR, BORK, AS31, ASAR, ASAR, ASAR, HNR, AB31, AB31, ABKAR, AKTO, ARTI, ARTI, STKA, STKA, BELG, E22K, E22K, GNI, KDAK, H23K, H23K, KIV, KIV, ILAR, OBN, SPITS, ARCES, FINES, FINES, INK, NACGM, AKASG, AKASG, AKASG, AKASG, AKKB, AK10, AK11, AK06, AK07, AK22, AK21, AK18, AK20, BR131, BR131, BRTR, BRTR, BRTR, ASF, BR105, BAL3X, LUBAR, MMAI, EIL, DLBC, MLR, NOA, NOA, JMC, JMC, MORC, BBB, OSTC, OSTC, DPC, CHVC, UPC, YKA, YKA, VRAC, VRAC, VRAC, PVCC, PRU, HSKC, CKRC, KHC, NKC, GERES, GERES, BORG, DAVOX, RAR.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, h, m, s, Res, ISC, h, m, s, Res. Includes stations like BMRD, EKA, SFJD, VAE, FRB, KEST, PPT, PPT2, PPT2, NVAR, PDAR, ULM, PFO, ESCD.

ISK 15 01:25:47.3,36:84N,-27:37E, h5km, ML2 0/20
THE 15 01:25:48.2,37°N,3°27'E, h55km,4km, M2.5/5,
MLh2.5/5
ATH 15 01:25:49.5,36:80N-27:31E, h30km,6km, ML2.5/7,
Latitude uncertainty: 1 km; Longitude uncertainty: 2 km
ISC 15 01:25:47.4,1.0,36:80N-27:31E, h30km,9km,
n40,+18/45, Dodecanese Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, h, m, s, Res, ISC, h, m, s, Res. Includes stations like DAT, BODA, BODT, DATC, KLAN, YKAV, MLSB, MLSB, TURN, YER, YER, ARG, ARG, ARG, GCAM, SMG, SMG, SMG, DALY, AYDB, KARAP, NARP, ODEM, BLCB, BLCB, BLCB, CAMC, DRY, CHOS, CHOS, CHOS, ZKR, ZKR, AKAS, KULA, NPS, NPS, NPS, GORD, IDI, IDI, PRK, YAM, YAM.

ISC 15 01:29:33.6,1.7,38:07N-20:59E, h0km, mb3.2/5,
mbmp3.3/5, Error ellipse: s-maj=41.8km s-min=28.7km
az=112.0
ATH 15 01:29:34.4,37:86N-21:21E, h13km,2km, ML3.1/24,
Latitude uncertainty: 0 km; Longitude uncertainty: 1 km
THE 15 01:29:35.8,38°N,1°21'E,0.9,h2km,1km, M2,9/8,
MLh2.9/8
ISC 15 01:29:47.0,8.3,3785N-0:02:21:19E,0:02,h11km,5km,
n70,+19/107,8.3/34, Southern Greece

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, h, m, s, Res, ISC, h, m, s, Res. Includes stations like CLEM, CLEM, CLEM, RLS, LTHK, LTHK, LTHK, AXS, ORTH, ORTH, ORTH, RTZL, DRO, DRO, DRO, ZARO, PATG, VLS, VLS, PLEV, PATC, KFL1, UPR, AGRP, ZIRI, DMLN, DMLN, MALA, FSK, MAEO, EFP, EFP, PVO, PVO, MGUO, EVGI, EVGI, SERG, ITM, PSARO, KALE, ANX, ANX, NYDR, DRAG, LKQ2, PYL, VLX, TSLK, AMPL, AMPL, EVR, MIAK, LTK, LTK, AXAR, TETR, TETR, LKR.

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, h, m, s, Res, ISC, h, m, s, Res. Includes stations like LKR, ATAL, VIL2, PRMD, MET4, IGT, IGT, STFN, KYMI, YAM, HFS, FINES, EKA, TOR, MKAR.

IDC 15 01:29:47.6,0.5,20:36Sx173:94W, h0km, mb4.4/14,
mbmp4.4/16, ML4.6,2, MSC4/1, Error ellipse:
s-maj=22.9km s-min=14.8km az=117.0
NEIC 15 01:29:47.5,2.1,20:55,0.1:173:26W,0:10,h10km,1km,
mb4.7/54, Error ellipse: s-maj=18.0km s-min=15.1km
az=158.0
ISC 15 01:29:49.0,4.0,20:41S-0:07:173:6W-0.1,h21km,n147,
s122/137,mb4.7/43,13C-11D,Tonga Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase, ISC, h, m, s, Res, ISC, h, m, s, Res. Includes stations like NIUE, AFI, AFI, MSVF, RAR, RAR, RAR, MRZ, MRZ, URZ, URZ, TOZ, TUWZ, BFZ, BFZ, MRZ, MRZ, PPT2, PPT, PPT, TCW, LTZ, LBZ, ARMA, EIDS, EIDS, TAOE, CAN, TOO, TAU, STKA, WRB, AS31, ASAR, ASAR, WRAB, WRA, WRA, FORT, MTN, MTN, KNRA, FITZ, VVDA, VVDA, VVDA, MBWA, MORW, GIRL, VVDA, QSPA, QSPA, MJAR, BELC, MDPB, MDPB, PETK, DSP, DSP, BEK, NVAR, WCT, KVN, BELA, BELA, KSR.

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Conchagua, La Caada, Geometrica Pol, Cerro Negro, etc.

JMA 15 02:49:03.0-2.25; 10N:0.8-123.3E:0.5, h13km, MD5.1/13, MW4.6/13, NW OFF ISHIGAKIJIMA IS

NIED 15 02:49:03.9-2.97; 123.25E, h13km, MW4.6, Moment Tensor Solution. s2 Moment tensor: Scale 10^19Nm;

NEIC 15 02:49:05.9-1.3, 24.86N:0.06:123.31E:0.03, h11km, g9km, n83, f12177, mb4.1/26, MS4.0/5, 1D, Southwestern Ryukyu Islands

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

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

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

IDC 15 02:50:40.7-3.4, 0.63N:124.36E, h68km, 33km, mb3.4/4, mbmp3.9/7, ML3.9/3, Error ellipse: s-maj=24.9km

DJA 15 02:50:41.2-0.1, 0.1N:2.12E, h10km, M4.7/37, mb4.6/11, mb5.7/5, MLV4.5/37, Mw(mb)5.2/5

ISC 15 02:50:42.9-1.0, 0.26N:0.05:124.59E:0.05, h35km, n21, f128/23, mb3.5/4, Minahassa Peninsula, Sulawesi

Table with columns: HUMP, Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like Col San Antoni, Loma La Naviza, BANI, SDDR, SDDR.

IDC 15 02:51:30.9.5.1, 10.04Sx156.15E, h0km, mb3.6/4, mbtmp3.6/4, Error ellipse: s-maj=158.6km

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

NIED 15 03:01:20.2, 24.97N, 123.32E, h14km, MW4.8, Moment Tensor Solution...

M5.5, 146. Ms7.4, 0.945. JMA 15 03:01:20.2, 0.2, 25.0N, 0.5, 123.3E, 0.4, h14km, 3km, MD5.5/12, MW4.9/12, NW OFF ISHIGAKIJIMA IS

JMA Felt J1 at NW OFF ISHIGAKIJIMA IS

BUI 15 03:01:20.8, 24.60N, 123.36E, h23km, mb5.4/22, mb4.5/48, Ms5.1/46, Ms7.4, 0.945

IDC 15 03:01:20.5, 0.6, 24.84N, 123.14E, h0km, mb4.1/20, mbtmp4.1/23, ML3.0/3, MS4.3/68, Error ellipse:

s-maj=20.4km s-min=13.3km az=67.0 NEIC 15 03:01:21.8, 1.6, 24.83N, 0.07, 123.20E, 0.03, h10km, 1km, mb4.7/62, Error ellipse: s-maj=12.8km s-min=2.8km az=158.0

GCMT 15 03:01:22.8, 0.2, 24.82N, 0.01, 123.19E, 0.02, h15km, MW5.0/118, Moment Tensor Solution...

M5.5, 146. Ms7.4, 0.945. Duration: 0 Moment tensor: Scale 10^16Nm; Mm-3.20z+.14; Mss0.15z+.10; Mss0.04z+.07; Mss0.93z+.16; Mss0.02z+.18; Mss0.47z+.18; Best double couple: Ms3.340000x10^16 NP2z+291.000000, 1.78.000000, NP2z+262.000000, 854.000000, 1.99.000000. Principal axes: T 3.2850, Plg8.000000, Azm358.000000, N 0.1090, Plg7.000000, Azm267.000000; P -3.3960, Plg79.000000, Azm136.000000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 15 03:01:23.2, 0.5, 24.81N, 0.03, 123.27E, 0.02, h19km, 1km, n229, s1981/180, mb4.6/60, MS4.6/66, 1C, Southwestern Ryukyu Islands

Main table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Lists numerous stations and their associated data points.

Main table with columns: Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Lists numerous stations and their associated data points.

Main table with columns: Station Name, Az, Phase ID, Op, ISC, Time, Res, ISC. Lists numerous stations and their associated data points.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Yonaguni jima, Iriomote-Funau, Ishigaki jima, Kuro-shima, etc.

IDC 15 03:26:08.1±1.2, 24.54N, 122.71E, h0km, mb3.6/5, mblmp3.6/6, ML3.0/1, Error ellipse: s-maj=69.3km s-min=20.4km az=68.0

JMA 15 03:26:08.7±0.2, 25.1N, 123.3E±0.5, h22km, 4km, MV3.4/13, NW OFF ISHIGAKIJIMA IS

ISC 15 03:26:07.9±0.6, 24.83N, 123.34E±0.04, h10km, n15, ±0.69/19, mb3.6/5, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Yonaguni jima, Iriomote-Funau, Ishigaki jima, Kuro-shima, etc.

IDC 15 03:30:25.1±1.2, 24.56N, 122.65E, h0km, mb3.8/6, mblmp3.9/7, ML3.3/1, MS3.4/11, Error ellipse: s-maj=67.5km s-min=19.2km az=67.0

JMA 15 03:30:25.0±0.2, 25.1N, 123.4E±0.4, h28km, MD4.3/9, MV3.6/9, NW OFF ISHIGAKIJIMA IS

NIED 15 03:30:25.0, 24.93N, 123.37E, h28km, MW4.2, Moment Tensor Solution. s2 Moment tensor: Scale 10^19Nm

NEIC 15 03:30:26.0±2.4, 24.93N, 123.16E±0.06, h10km, 1km, mb4.4/9, Error ellipse: s-maj=11.3km s-min=6.3km az=304.0

ISC 15 03:30:24.6±1.7, 24.92N, 123.39E±0.04, h8km, 12km, n46, ±1.93/41, mb4.0/12, MS3.4/9, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Yonaguni jima, Iriomote-Funau, Ishigaki jima, Kuro-shima, etc.

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

TAP 15 03:40:11.6, 24.40N, 121.77E, h5km, ML1.9, C, Taiwan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ENA, EWUT, EAHA, EHP, ESAA, TWC, NDS, NDS, LATG, LATG, ETL, ETL, NNSB, NNSH, NNSH, NNS, NNS, EOSH, EYH, YHNB, YHNB, LXIB, EOSH, TEYL, Tachien, TDCB, TIPB, WUSB, WHP, etc.

JMA 15 04:03:15.0±1.0, 24.93N, 123.4E±0.3, h20km, 3km, MV1.9/9, NW OFF ISHIGAKIJIMA IS, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Yonaguni jima, Iriomote-Funau, Ishigaki jima, Kuro-shima, etc.

IDC 15 04:07:38.4±0.7, 9.47S, 156.02E, h0km, mb3.8/13, mblmp3.8/13, MS4.1/1, Error ellipse: s-maj=26.8km s-min=17.5km az=100.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like az=56.0, ISC 15 04:07:44.6±0.6, 9.55S, 155.8E±0.1, h35km, n38, etc.

IDC 15 04:07:46.4±0.5, 9.46S, 156.01E, h0km, mb4.5/21, mblmp4.4/24, ML3.2/4, Error ellipse: s-maj=17.7km s-min=14.7km az=123.0

MOS 15 04:07:46.8±0.7, 9.43S, 156.00E, h13km, mb4.9/29, Error ellipse: s-maj=8.5km s-min=7.2km az=133.2

Bull 15 04:07:47.8, 9.92S, 156.16E, h10km, mb5.2/9, mb4.9/48, MS4.9/12, MS7.4/6/12

DJA 15 04:07:47.5±0.4, 9.5S, 155.6E, h10km, M4.7/12, MS4.4/12, MS6.5/1, MMB/5.0/1

NEIC 15 04:07:48.2±1.9, 9.45S, 156.00E±0.07, h10km, 1km, mb5.1/134, Error ellipse: s-maj=14.6km s-min=11.4km az=193.0

CMCT 15 04:07:48.2±0.2, 9.64S, 155.95E±0.02, h20km, 12km, MW5.2/90, Moment Tensor Solution. s47, c55; s90, c12k; Duration: 1s0 Moment tensor: Scale 10^19Nm

Mm-2.41±.32; Mm-0.48±.24; Mm-5.30±.65; Mm-5.12±.22; Mm-3.52±.50; Best double couple: Mm8.16300x10^16 Np1.9x180.00000; s60.00000; lambda-150.00000; NP2.7x4.00000; s65.00000; lambda-34.00000; Principal axes: T 6.6070, P1g3.0000, N1g4.128.0000; N 3.1100, P1g4.9.0000; Azm2.1.0000; P -9.7190, P1g4.10000; Azm3.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 15 04:07:48.1±0.6, 9.47S, 156.01E±0.05, h13km, 3km, h14km; pp-P, n47e, ±0.83/448, mb5.0/17, MS4.5/4, 11C-SD, Bougainville-Solomon Islands region

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

IDC 15 04:07:48.1±0.6, 9.47S, 156.01E±0.05, h13km, 3km, h14km; pp-P, n47e, ±0.83/448, mb5.0/17, MS4.5/4, 11C-SD, Bougainville-Solomon Islands region

M23K	Glacier View baz=236,SNR=9.4	83.31	23	P	P	04 20 14.1	-0.4
TRF	Thorofare Moun baz=233,SNR=7.5	83.31	21	P	P	04 20 14.0	-0.7
SCM	Sheep Creek Mo	83.49	24	P	P	04 20 15.8	+0.3
SCM	Sheep Creek Mo	83.49	24	P	P	04 20 15.8	+0.3
SCM	comp=Z,29nm,1.3s						
SCM	Sheep Creek Mo	83.49	24	P	P	04 20 15.8	+0.3
C18K	Utukok River	83.51	15	I	Amb	04 20 17.0	
C18K	Utukok River	83.51	15	P	P	04 20 15.7	+0.3
WAT1	Susitna Watana baz=235	83.59	22	P	P	04 20 15.5	-0.4
KAIM	Kayak Island baz=239	83.66	26	P	P	04 20 15.9	-0.4
E19K	Redstone River	83.70	16	P	P	04 20 17.0	+0.7
E19K	Redstone River	83.70	16	P	P	04 20 17.0	+0.7
E19K	comp=Z,28nm,1.0s						
E19K	Redstone River	83.70	16	P	P	04 20 17.1	+0.7
WAT6	Susitna Watana baz=236,SNR=13	83.75	23	P	P	04 20 16.7	-0.2
I21K	Tanana	83.79	20	P	P	04 20 16.7	-0.1
I21K	Tanana	83.79	20	P	P	04 20 17.2	+0.3
RND	Reindeer	83.81	22	I	Amb	04 20 18.8	
H21K	Melozitna Rive baz=231	83.82	19	P	P	04 20 17.3	+0.3
F20K	Avaraart Lake baz=228	83.85	17	P	P	04 20 17.5	+0.4
KLU	Klutina	83.86	24	P	P	04 20 17.9	+0.5
MCK	McKinley	83.97	22	P	P	04 20 17.1	-0.7
M24K	Tolsona, Glenn baz=237,SNR=8.6	84.09	24	P	P	04 20 19.2	+0.6
MLY	Manley	84.11	20	P	P	04 20 18.6	0.0
BMRM	Bremner River	84.12	25	P	P	04 20 17.9	-0.8
BMRM	Bremner River	84.12	25	P	P	04 20 18.9	+0.2
G21K	Allakaket	84.16	18	I	Amb	04 20 20.4	
G21K	Allakaket	84.16	18	P	P	04 20 19.1	+0.4
DHY	Denali Highway baz=236	84.17	22	P	P	04 20 18.9	-0.1
D19K	Kuna River	84.18	15	I	Amb	04 20 20.4	
D19K	Kuna River	84.18	15	P	P	04 20 19.1	+0.2
C19K	Lookout Ridge baz=224,SNR=10	84.24	15	P	P	04 20 20.1	+0.9
NEA2	Nenana	84.42	21	I	Amb	04 20 20.5	
NEA2	Nenana	84.42	21	P	P	04 20 19.2	-0.9
H22K	Ishlaltina Cre baz=231,SNR=1.4s	84.43	19	I	Amb	04 20 22.0	
H22K	Ishlaltina Cre	84.43	19	P	P	04 20 20.7	+0.6
N25K	Chitina, Valde baz=238	84.46	24	P	P	04 20 20.9	+0.5
ZSN	Zaisan	84.47	320	eP	P	04 20 21.4	+0.7
ZSN	Zaisan	84.47	320	eP	P	04 20 21.4	+0.7
E20K	Nigu River	84.54	16	P	P	04 20 21.5	+0.8
F21K	Alatna River	84.62	18	P	P	04 20 20.9	-0.2
F21K	Alatna River	84.62	18	P	P	04 20 21.2	+0.2
CRQM	Cirque	84.63	26	I	Amb	04 20 23.0	
CRQE	Cirque	84.65	26	P	P	04 20 21.7	+0.2
I23K	Minto, Yukon-K baz=234	84.65	20	P	P	04 20 21.0	-0.1
HARP	HAARP	84.65	24	P	P	04 20 21.2	-0.1
ALB	Wainwright	84.69	13	P	P	04 20 21.8	+0.5
G19K	Gilahina Butte	84.70	25	P	P	04 20 21.6	0.0
GLB	Gilahina Butte	84.70	25	P	P	04 20 23.2	
WRH	Wood River Hill comp=Z,5nm,1.5s	84.70	21	I	Amb	04 20 22.0	
D20K	Etluk River	84.73	16	P	P	04 20 22.1	+0.5
VRDI	Verde Repeater comp=Z,13nm,1.2s	84.74	25	I	Amb	04 20 23.4	
PAX	Paxon	84.84	23	P	P	04 20 21.5	-0.8
MESA	MESA	84.86	26	P	P	04 20 22.9	+0.3
H23K	Yukon River	84.99	20	P	P	04 20 23.1	+0.1
MCARA	McCarthy VSAT baz=234	85.00	25	I	Amb	04 20 25.3	
MCARA	McCarthy VSAT	85.00	25	P	P	04 20 23.2	+0.1
COLA	College	85.02	21	P	P	04 20 22.7	-0.3
G22K	Bettles	85.03	18	P	P	04 20 23.1	0.0
HDA	Harding Lake comp=Z,14nm,1.5s	85.07	21	I	Amb	04 20 22.9	-0.5
HDA	Harding Lake	85.07	21	P	P	04 20 22.9	-0.5
K24K	Donnelly Dome baz=237	85.17	22	P	P	04 20 24.2	+0.3
F22K	John River	85.19	18	P	P	04 20 24.5	+0.6
E21K	Kiilik River	85.27	17	P	P	04 20 24.5	+0.2
ILAR	Eielson Array comp=Z,4.2nm,1.0s	85.30	21	P	P	04 20 23.5	-1.0
ILAR	Eielson Array	85.30	21	P	P	04 20 23.1	-1.4
G23K	Bananza Creek baz=233,SNR=7.0	85.37	19	P	P	04 20 25.4	+0.5
RIDG	Independent Ri baz=238	85.49	23	P	P	04 20 25.6	+0.1
B20K	Meade River	85.49	15	P	P	04 20 25.6	+0.3
M26K	Nabesna, AK	85.52	24	P	P	04 20 25.4	-0.3
M26K	Nabesna, AK	85.52	24	P	P	04 20 25.9	+0.2
C21K	Knifeflade Rid baz=228,SNR=14	85.52	16	P	P	04 20 26.6	+1.1
H24K	Noodor Dome baz=235	85.56	20	P	P	04 20 26.2	+0.4
PINM	Pinnacle	85.57	27	P	P	04 20 26.4	+0.4
L26K	Log Cabin Wild baz=240	85.69	23	P	P	04 20 26.9	+0.3
E22K	Anaktuvuk Pass comp=Z,17nm,1.4s	85.69	17	I	Amb	04 20 28.4	
E22K	Anaktuvuk Pass	85.69	17	P	P	04 20 27.1	+0.7
J25K	Salcha River	85.76	22	I	Amb	04 20 29.5	
J25K	Salcha River	85.76	22	P	P	04 20 27.0	+0.1
B21K	Ikpikpuk River	85.88	15	I	Amb	04 20 29.1	
B21K	Ikpikpuk River	85.88	15	P	P	04 20 27.8	+0.6
O28M	Mount Upton baz=242	85.91	26	P	P	04 20 27.7	-0.3
MK31	Makanchi Array	85.91	319c	iP	P	04 20 28.0	0.0
MKAR	Makanchi Array	85.91	319	P	P	04 20 28.0	0.0
MKAR	comp=Z,1.4nm,0.8s						
MKAR	Makanchi Array	85.91	319	P	P	04 20 27.1	-0.9
MKAR	Makanchi Array	85.91	319	iP	P	04 20 28.2	+0.2
SCRK	Sand Creek	85.94	23	I	Amb	04 20 30.7	
SCRK	Sand Creek	85.94	23	P	P	04 20 28.3	+0.4
M27K	Edge Creek, AK baz=241,SNR=10.0	85.95	24	I	Amb	04 20 30.2	
M27K	Edge Creek, AK	85.95	24	P	P	04 20 28.9	+0.9
MAKZ	Makanchi	86.12	319	P	I	04 20 28.6	-0.4
MAKZ	Makanchi	86.12	319	P	P	04 20 28.6	-0.4
MAKZ	comp=Z,15nm,1.5s						
G24K	Hadweznio Riv comp=Z,18nm,1.4s	86.18	19	I	Amb	04 20 30.8	
G24K	Hadweznio Riv	86.18	19	P	P	04 20 29.3	+0.4
PRP	Porcupine Dome baz=237	86.19	21	P	P	04 20 29.5	+0.5
YUK3	Moose Creek baz=242,SNR=7.5	86.26	25	P	P	04 20 30.3	+0.7
E23K	Chandalar	86.30	18	P	P	04 20 30.2	+0.7
BCAR	Beaver Creek A baz=242	86.33	24	P	P	04 20 29.9	+0.1
BCAR	Beaver Creek	86.35	25	P	P	04 20 30.4	+0.4
O29M	Mount Kennedy comp=Z,7nm,1.3s	86.41	27	I	Amb	04 20 32.6	
O29M	Mount Kennedy	86.41	27	P	P	04 20 31.1	+0.9
P29M	Windy Craggy comp=Z,20nm,4.3s	86.50	28	I	Amb	04 20 32.7	
P29M	Windy Craggy	86.50	28	P	P	04 20 31.1	+0.5
S31K	Pelican	86.52	30	I	Amb	04 20 32.8	
S31K	Pelican	86.52	30	P	P	04 20 31.1	+0.5
F24K	Squaw Lake baz=235,SNR=9.5	86.52	19	P	P	04 20 31.7	+1.2
A21K	Barrow	86.53	14	P	P	04 20 30.5	+1.4
D23K	Nanushuk River baz=232,SNR=13	86.54	17	P	P	04 20 32.0	+1.4
SIT	Sitka	86.61	31	P	P	04 20 31.7	+0.6
E24K	Your Creek baz=234	86.65	18	P	P	04 20 32.0	+0.8
B22K	Teshpekuk Lake comp=Z,16nm,1.1s	86.66	15	I	Amb	04 20 32.7	
B22K	Teshpekuk Lake	86.66	15	P	P	04 20 31.2	+0.2
TOLK	Toolik Lake Re baz=233,SNR=9.8	86.66	17	P	P	04 20 31.9	+0.6
G25K	Bearman Lake baz=237	86.67	20	P	P	04 20 32.0	+0.8
BRWY	Burwash Landin baz=244,SNR=8	86.68	26	P	P	04 20 32.7	+1.3
A22K	Sinclair Lake baz=228	86.71	14	P	P	04 20 31.8	+0.5
SHLS	Shalkode	86.75	315	eP	P	04 20 31.2	-1.2
SHLS	Shalkode	86.75	315	eP	P	04 20 31.2	-1.2
SHLS	comp=Z,14nm,1.8s						
SHLS	Shalkode	86.75	315	eP	P	04 20 31.2	-1.2
ZALV	Zalesovo Beam comp=Z,0.4nm,0.4s	86.78	326	P	P	04 20 31.1	-0.9
ZALV	Zalesovo Beam	86.78	326	P	P	04 20 30.2	-1.8
ZALV	Zalesovo Beam	86.78	326	iP	P	04 20 31.2	-0.8
YUK6	Outpost Mounta baz=244	86.78	326	iP	P	04 20 33.3	+1.1
YUK4	Talbot Arm baz=244,SNR=8.3	86.84	26	P	P	04 20 34.0	+1.5
I26K	Coal Creek Min baz=240	86.93	22	P	P	04 20 32.9	+0.4
P30M	Million Dollar baz=245	87.06	27	P	P	04 20 34.2	+0.8
PLBC	Pleasant Camp baz=246,SNR=7.8	87.06	28	P	P	04 20 34.0	+0.7
UZB	Uzynbulak	87.06	314	eP	P	04 20 34.2	+0.3
UZB	Uzynbulak	87.06	314	eP	P	04 20 34.2	+0.3
UZB	comp=Z,9.0nm,1.3s						
UZB	Uzynbulak	87.06	314	eP	P	04 20 34.2	+0.3
C23K	Iklikik River baz=232,SNR=9.3	87.09	16	P	P	04 20 34.0	+0.8
HYT	Haines Junctio baz=245,SNR=13	87.11	27	P	P	04 20 34.5	+0.8
S32K	Killsnoo baz=248	87.14	30	P	P	04 20 33.6	0.0
CRAG	Craig	87.15	33	P	P	04 20 33.9	+0.1
D24K	Happy Valley baz=233,SNR=7.5	87.19	17	P	P	04 20 34.6	+1.0
F25K	Christian River comp=Z,15nm,1.4s	87.28	19	I	Amb	04 20 38.1	
F25K	Christian River	87.28	19	P	P	04 20 35.0	+0.8
U33K	Whale Pass baz=249	87.38	32	P	P	04 20 35.3	+0.4
KPKS	Kokpek	87.39	315	eP	P	04 20 35.7	+0.4
KPKS	Kokpek	87.39	315	eP	P	04 20 35.8	+0.4
M29M	Somme Creek baz=244,SNR=6.9	87.40	35	eP	P	04 20 35.9	+0.9
R32K	Eaglecrest baz=248	87.48	30	P	P	04 20 36.0	+0.7

Table with columns: TAM, MD01, TOR, TOR, Torodi Ar. Be, Torodi Ar. Bea, Torodi Ar. Be. Values include station names and coordinates.

IDC 15 04:09:33.0,4.9,45S:156.01E,h0km,mb4.5/28, mbmp4.5/32,ML3.8/3,MS4.4/4, Error ellipse: s-maj=13.8km s-min=12.8km az=121.0, BUJ 15 04:09:33.4,9,245S:156.44E,h11km,mb5.3/11,mb4.8/50, MS4.9/15,MS7.4/6/18, MOS 15 04:09:34.8-0.8,9,40S:156.00E,h17km,mb5.2/28, Error ellipse: s-maj=6.4km s-min=7.4km az=131.1, NEIC 15 04:09:35.7,2.0,9137S:0.08E,156.12E:0.07,h10km,1km, mb5.4/256,MWvs.2/11, Error ellipse: s-maj=14.0km s-min=10.8km az=200.0, GCMT 15 04:09:37.0,0.3,9,53S:0.03E:156.05E:0.03,h12km,1km, MW5.0/83, Moment Tensor Solution. s30,c35; s83,c114; Duration: 0 Moment tensor: Scale 1019Nm; Mlr-3.02z,33; Mm 1.80z,19; Mm 1.22z,21; Mm 0.75z,59; Mw2.68z,14; Mw 0.61z,65; Best double couple: Ma3.820000,1016 NP1,ba207.00000,648.00000,-122.00000. NP2: 0.69.00000,651.00000,-159.00000. Principal axes: T 4,2090,Plg1.00000,Azm138.00000; N -0.7780,Plg25.00000,Azm229.00000; P -3.4310,Plg67.00000,Azm45.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 15 04:09:35.3,0.3,9,40S:0.05E:156.04E:0.05,h10km,n593, 0.091/491,mb5.3/189,MS4.4/7,11C-10D, Bougainville-Solomon Islands region

Main station data table with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Lists numerous stations like HNR Honiara, RABAU Rabaul, PMG Port Moresby, etc.

Main station data table (continued) with columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Lists stations like PETK Petropavlovsk, CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, etc.

Main station data table (continued) with columns: BILL, Station Name, Az, Az', Phase ID, ISC, Time, Res, ISC. Lists stations like M15K Kasiguluk River, Q16K Kin Salmon, Q17K Contact Creek, etc.

RC01	Rabbit Creek A	82.04	23	P	P	04 21 55.8 +0.3
E17K	Hothon Inlet	82.11	15	P	P	04 21 56.7 +0.9
G18K	Tagagawik	82.12	17	P	I	04 21 55.8 -0.1
G18K	Tagagawik	82.12	17	P	I	04 21 57.6
G18K	Tagagawik	82.12	17	P	P	04 21 56.5 +0.6
C16K	Lisburne Hills	82.16	14	P	P	04 21 56.7 +0.7
PPLA	Purkeypile	82.22	21	I	A	04 22 18.2
PPLA	Purkeypile	82.22	21	P	P	04 21 56.5 -0.1
D17K	Noatak River	82.26	15	P	P	04 21 57.7 +1.2
M22K	Willow	82.29	23	P	P	04 21 56.8 0.0
F18K	Selawik	82.34	16	P	P	04 21 57.6 +0.6
J20K	Nowinta River	82.36	20	I	A	04 21 59.5
J20K	Nowinta River	82.36	20	P	P	04 21 57.7 +0.5
P23K	Montague Isan	82.36	25	P	P	04 21 57.8 +0.6
L22K	Petersville	82.51	22	P	P	04 21 57.5 -0.6
H19K	Roundabout Mou	82.53	18	I	A	04 22 00.1
H19K	Roundabout Mou	82.53	18	P	P	04 21 58.8 +0.8
RDOG	Red Dog Mine	82.57	14	I	A	04 22 00.4
RDOG	Red Dog Mine	82.57	14	P	P	04 21 58.9 +0.7
PMR	Palmer	82.57	23	I	A	04 21 59.8
PMR	Palmer	82.57	23	P	P	04 21 58.7 +0.4
CAST	Castle Rocks	82.58	21	P	P	04 21 58.1 -0.3
MAW	Mawson	82.59	203	P	P	04 21 56.6 -1.7
MAW	Mawson	82.59	203	P	P	04 21 57.6 -0.8
MAW	Mawson	82.59	203	P	P	04 21 57.6 -0.8
CUT	Chulitna	82.62	22	P	P	04 21 58.3 -0.2
I20K	Naaghedeneel	82.66	19	P	P	04 21 59.6 +0.9
E18K	Tukpahleark C	82.69	16	I	A	04 22 00.9
E18K	Tukpahleark C	82.69	16	P	P	04 21 59.9 +1.1
KNK	Knik Glacier	82.73	24	P	I	04 21 58.8 -0.4
KNK	Knik Glacier	82.73	24	P	I	04 22 01.2
KNK	Knik Glacier	82.73	24	P	P	04 21 59.7 +0.5
G19K	Purcell Mounta	82.76	17	P	P	04 22 00.0 +0.8
GHO	Glory Hole Cre	82.76	23	I	A	04 22 01.0
CHUM	Lake Minchumini	82.79	20	P	P	04 21 59.8 +0.4
C17K	DeLong Mountai	82.83	14	P	P	04 22 00.2 +0.7
TIXI	Tiksi	82.87	352	P	I	04 21 59.1 -0.5
TIXI	Tiksi	82.87	352	P	I	04 22 00.7
TIXI	Tiksi	82.87	352	P	P	04 21 59.7 +0.1
HIN	Hinchinbrook I	82.96	25	I	A	04 22 02.1
GLI	Glacier Island	82.98	24	P	P	04 22 00.9 +0.5
H20K	Anotleneega Mo	82.99	19	P	P	04 22 01.1 +0.7
SML	Sawmill	83.01	23	P	P	04 22 01.1 +0.5
F19K	Shalevokik Mo	83.04	17	P	P	04 22 01.1 +0.5
KTH	Kantishna Hill	83.08	21	P	P	04 22 00.3 -0.7
M23K	Glacier View	83.24	23	P	P	04 22 02.0 +0.2
TRF	Thorofare Moun	83.24	21	P	P	04 22 00.8 -1.2
TRF	Thorofare Moun	83.24	21	P	P	04 22 01.5 -0.5
EYAK	Cordova Ski Ar	83.35	25	P	P	04 22 03.0 +0.6
SCM	Sheep Creek Mo	83.42	24	P	P	04 22 03.4 +0.6
C18K	Utukok River	83.44	14	I	A	04 22 04.6
C18K	Utukok River	83.44	14	P	P	04 22 03.5 +0.7
WAT1	Susitna Watana	83.51	22	P	P	04 22 03.2 0.0
E19K	Redstone River	83.62	16	P	P	04 22 04.6 +0.9
DIV	Divide	83.66	25	I	A	04 22 05.9
WAT6	Susitna Watana	83.68	23	P	P	04 22 04.4 +0.2
I21K	Tanana	83.72	20	P	P	04 22 04.8 +0.6
H21K	Melozitna Rive	83.75	19	P	P	04 22 05.0 +0.6
F20K	Avarart Lake	83.77	17	I	A	04 22 06.8
F20K	Avarart Lake	83.77	17	P	P	04 22 05.2 +0.8
KLU	Klutina	83.79	24	I	A	04 22 07.5
KLU	Klutina	83.79	24	P	P	04 22 05.5 +0.7
MCK	McKinley	83.90	22	P	P	04 22 05.0 -0.2
M24K	Tolsona, Glenn	84.02	24	P	P	04 22 06.0 +0.2
M24K	Tolsona, Glenn	84.02	24	P	P	04 22 06.9 +1.0
MLY	Manley	84.04	20	I	A	04 22 07.4
MLY	Manley	84.04	20	P	P	04 22 06.0 +0.1
BMRM	Bremner River	84.05	25	I	A	04 22 08.7
BMRM	Bremner River	84.05	25	P	P	04 22 06.6 +0.6
G21K	Allakaket	84.08	18	I	A	04 22 08.0
G21K	Allakaket	84.08	18	P	P	04 22 06.9 +0.8
DHY	Denali Highway	84.10	22	I	A	04 22 08.1
DHY	Denali Highway	84.10	22	P	P	04 22 06.8 +0.4
D19K	Kuna River	84.11	15	I	A	04 22 08.1
D19K	Kuna River	84.11	15	P	P	04 22 06.9 +0.7
C19K	Lookout Ridge	84.17	15	P	P	04 22 06.8 +0.3
C19K	Lookout Ridge	84.17	15	P	P	04 22 07.3 +0.9
NEA2	Nenana	84.35	21	I	A	04 22 08.2
NEA2	Nenana	84.35	21	P	P	04 22 06.9 -0.5
H22K	Ishlitalina Cre	84.36	19	I	A	04 22 07.9
H22K	Ishlitalina Cre	84.36	19	P	P	04 22 08.3 +0.8
N25K	Chitina, Valde	84.39	24	P	P	04 22 08.5 +0.7
ZSN	Zaisan	84.44	320	eP	P	04 22 08.9 +0.7
ZSN	Zaisan	84.44	320	eP	P	04 22 08.9 +0.7
ZSN	Zaisan	84.44	320	eP	P	04 22 08.9 +0.7
E20K	Nigu River	84.46	16	P	P	04 22 09.0 +1.0
F21K	Alatina River	84.55	18	I	A	04 22 10.3

F21K	Alatina River	84.55	18	P	P	04 22 08.9 +0.5
CRQK	Cirque	84.56	26	I	A	04 22 10.7
CRQK	Cirque	84.56	26	P	P	04 22 09.6 +0.8
I23K	Minto, Yukon-K	84.58	20	I	A	04 22 11.5
I23K	Minto, Yukon-K	84.58	20	P	P	04 22 08.9 +0.3
HARP	HAARP	84.58	24	P	P	04 22 09.5 +0.8
A19K	Wainwright	84.62	13	P	P	04 22 09.4 +0.8
GLB	Gilahina Butte	84.63	25	I	A	04 22 10.8
D20K	Edith River	84.66	16	P	P	04 22 09.3 +0.3
D20K	Edith River	84.66	16	P	P	04 22 09.6 +0.6
PAX	Paxson	84.77	23	P	P	04 22 09.9 +0.2
MESA	MESA	84.79	26	P	P	04 22 10.3 +0.3
CCB	Clear Creek Bu	84.83	21	I	A	04 22 10.4
H23K	Yukon River	84.92	20	I	A	04 22 12.2
H23K	Yukon River	84.92	20	P	P	04 22 11.0 +0.7
MCARA	McCarthy VSAT	84.92	25	I	A	04 22 12.4
MCARA	McCarthy VSAT	84.92	25	P	P	04 22 11.1 +0.7
COLA	College	84.94	21	P	P	04 22 09.8 -0.5
COLA	College	84.94	21	P	I	04 22 10.9
COLA	College	84.94	21	P	P	04 22 09.5 -0.8
COLA	College	84.94	21	P	P	04 22 10.1 -0.2
G22K	Bettles	84.96	18	P	P	04 22 11.0 +0.6
HDA	Harding Lake	85.00	21	I	A	04 22 11.8
HDA	Harding Lake	85.00	21	P	P	04 22 10.5 -0.2
K24K	Donnelly Dome	85.10	22	P	P	04 22 11.7 +0.4
F22K	John River	85.12	18	P	P	04 22 12.0 +0.7
E21K	Killik River	85.20	17	P	P	04 22 12.1 +0.5
ILAR	Eielson Array	85.23	21	P	P	04 22 11.1 -0.7
ILAR	Eielson Array	85.23	21	P	P	04 22 09.9 -1.9
G23K	Banana Creek	85.30	19	I	A	04 22 14.3
G23K	Banana Creek	85.30	19	P	P	04 22 13.0 +0.8
RIDG	Independent Ri	85.42	23	I	A	04 22 14.8
RIDG	Independent Ri	85.42	23	P	P	04 22 13.4 +0.5
B20K	Meade River	85.42	15	P	P	04 22 13.3 +0.7
M26K	Nabesna, AK	85.45	24	P	P	04 22 13.6 +0.5
C21K	Knifeblade Rid	85.45	16	P	P	04 22 14.0 +1.1
H24K	Noodor Dome	85.48	20	P	P	04 22 12.9 -0.3
H24K	Noodor Dome	85.48	20	P	P	04 22 12.8 -0.4
PINM	Pinnacle	85.50	27	P	P	04 22 13.7 +0.4
LOGN	Logan Glacier	85.51	26	I	A	04 22 15.6
L26K	Log Cabin Wild	85.62	23	P	P	04 22 14.4 +0.6
E22K	Anaktuvuk Pass	85.62	17	I	A	04 22 16.0
E22K	Anaktuvuk Pass	85.62	17	P	P	04 22 14.6 +0.8
J25K	Salcha River	85.69	22	I	A	04 22 15.9
J25K	Salcha River	85.69	22	P	P	04 22 14.6 +0.4
B21K	Ikpiqpuq River	85.81	15	I	A	04 22 16.8
B21K	Ikpiqpuq River	85.81	15	P	P	04 22 15.5 +0.9
O28M	Mount Upton	85.84	26	P	P	04 22 16.3 +1.0
SCRK	Sand Creek	85.86	23	I	A	04 22 18.2
SCRK	Sand Creek	85.86	23	P	P	04 22 15.8 +0.7
M27K	Edge Creek, AK	85.88	24	P	P	04 22 16.5 +1.2
M27K	Edge Creek, AK	85.88	24	P	P	04 22 16.6 +1.2
MK31	Makanchi Array	85.88	319	eP	P	04 22 15.5 +0.1
MKAR	Makanchi Array	85.88	319	eP	P	04 22 14.9 -0.7
MKAR	Makanchi Array	85.88	319	eP	P	04 22 15.8 +0.3
MAKZ	Makanchi	86.09	319	P	P	04 22 16.4 -0.2
MAKZ	Makanchi	86.09	319	P	P	04 22 16.4 -0.2
G24K	Hadweencin Riv	86.11	19	I	A	04 22 18.4
G24K	Hadweencin Riv	86.11	19	P	P	04 22 17.1 +0.9
PRP	Porcupine Dome	86.12	21	P	P	04 22 16.4 0.0
YUK3	Moose Creek	86.19	25	P	P	04 22 17.8 +0.9
E23K	Chandler	86.23	18	I	A	04 22 19.2
E23K	Chandler	86.23	18	P	P	04 22 17.7 +0.9
BCAR	Beaver Creek A	86.26	24	P	P	04 22 16.9 -0.2
OVYC	Beaver Creek	86.32	25	P	P	04 22 18.4 +1.1
B20M	Mount Kennedy	86.34	27	I	A	04 22 20.2
O29M	Mount Kennedy	86.34	27	P	P	04 22 18.6 +1.0
P29M	Windy Craggy	86.43	28	I	A	04 22 20.4
P29M	Windy Craggy	86.43	28	P	P	04 22 19.0 +1.1
S31K	Pelican	86.45	30	I	A	04 22 20.5
S31K	Pelican	86.45	30	P	P	04 22 18.8 +0.9
F24K	Squaw Lake	86.45	19	I	A	04 22 20.6
F24K	Squaw Lake	86.45	19	P	P	04 22 19.0 +1.1
A21K	Barrow	86.46	14	P	P	04 22 18.3 +0.5
D23K	Nanushuk River	86.47	17	P	P	04 22 19.2 +1.4
SIT	Sitka	86.53	31	P	P	04 22 19.0 +0.6
E24K	Your Creek	86.58	18	P	P	04 22 19.3 +0.8
B22K	Teshkepuk Lake	86.59	15	I	A	04 22 20.4
B22K	Teshkepuk Lake	86.59	15	P	P	04 22 19.2 +0.8
TOLK	Toolik Lake Re	86.59	17	P	P	04 22 19.4 +0.9
G25K	Bearman Lake	86.60	20	P	P	04 22 19.1 +0.6
BRWY	Burwash Landin	86.61	26	P	P	04 22 20.1 +1.3
A22K	Sinclair Lake	86.64	14	P	P	04 22 19.3 +0.6
YUK6	Outpost Mounta	86.71	26	P	P	04 22 20.9 +1.3
SHLS	Shalkode	86.73	315	eP	P	04 22 18.9 -1.0

SHLS	Shalkode	86.73	315	eP	P	04 22 19.0 -1.0
ZALV	Zalesovo Beam	86.74	326	P	P	04 22 18.6 -0.9
ZALV	Zalesovo Beam	86.74	326	P	P	04 22 18.0 -1.5
YUK4	Talbot Arm	86.77	26	P	P	04 22 21.3 +1.5
I26K	Coal Creek Min	86.85	22	I	A	04 22 22.0
I26K	Coal Creek Min	86.85	22	P	P	04 22 20.1 +0.3
P30M	Milliot Dollar	86.86	29	P	P	04 22 21.9 +1.1
PLBC	Pleasant Camp	86.98	28	P	P	04 22 21.5 +0.9
C23K	Ikilik River	87.02	16	P	P	04 22 21.7 +1.2
UZB	Uzunbulak	87.04	314	eP	P	04 22 21.9 +0.4
UZB	Uzunbulak	87.04	314	eP	P	04 22 21.9 +0.4
UZB	Uzunbulak	87.04	314	eP	P	04 22 21.9 +0.4
HYT	Haines Junctio	87.04	27	P	P	04 22 21.6

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like FITZ, SMRI, MANU, GUMO, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like CTA, MNSI, GULI, etc.

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

15d 4h

2020 JUN

Table with columns: Station ID, Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like SII, O18K, M18K, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like L22K, F22K, B22K, etc.

Table with columns: Station ID, Name, Frequency, Power, Direction, Date, Time, and other parameters. Includes stations like K24K, K24K, G25K, etc.

15d 4h

Table of astronomical observations for 15 days, 4 hours. Columns include station name, object name, magnitude, position, and other parameters.

2020 JUN

Table of astronomical observations for 2020 June. Columns include station name, object name, magnitude, position, and other parameters.

822

Table of astronomical observations for station 822. Columns include station name, object name, magnitude, position, and other parameters.

RSNC 15 04:15.59:30.3, N 1° 7' 44.7", h12km±1km, M2.2, ML2.1, MLV2.6, Colombia

Table of astronomical observations for RSNC 15 04:15.59:30.3. Columns include Code, Station Name, Azimuth, Phase ID, Time, and Residual.

JMA 15:08:13.22:0.25 N11 X123.3E:0.3, h24km, MV2.1/9, NW OFF ISHIGAKIJIMA IS, Southwestern Ryukyu Islands

Table of astronomical observations for JMA 15:08:13.22:0.25. Columns include Code, Station Name, Azimuth, Phase ID, Time, and Residual.

TAP 15 04:18:57.7, 23°64N-121°16E, h30km, ML1.8, B, Taiwan

Table of astronomical observations for TAP 15 04:18:57.7. Columns include Code, Station Name, Azimuth, Phase ID, Time, and Residual.

IDC 15 05:28:21.1-3.5, 17.33S:178.96W, h581km, m207km, mb3.1/4, mbtm4.0/6, Error ellipse: s-maj=127.1km s-min=29.8km az=139.0, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MSFV Nonsavu, DZM Mont Dzumac, STKA Stephens Creek, WRA Warramunga Arr, ASAR Alice Springs, ILAR Eielson Array.

AFAD 15 05:30:02.8, 39.38N:40.72E, h7km, m3km, MW3.6

IDC 15 05:30:03.0, 39.35N:40.72E, h1km, ML3.5/18

ISK 15 05:30:08.6, 1.2, 39.44N:40.83E, h0km, mb3.5/1, mbtm3.0/6, ML2.8/5, MS2.8/1, Error ellipse: s-maj=17.8km s-min=8.8km az=151.0

ISC 15 05:30:03.5-0.7, 39.40N:0.02:40.74E:0.02, h10km, n51, c142/66, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include YEDI Yedisu-Bingol, KARO Karlova-Bingo, ECAT Cat-ERZURUM, BNGB Bingli, SLHN Bingol, Solhan, ETEKE Tekederisi - E, VRTO Varto-Mus, VRTB Varto-Mus, KOPT Kop Dag, ERZM Erzurum, MAYX Mayx, MAYK Mayk.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ERZN Erzinca, AKDA Akdag, AKDA Akdag, EUZM Uzumli, MUSM Mu-Merkez, MUSM Muzum, MUSM Muzum.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BAYB Bayburt, KRIK Erzurum-spir, KRIK Krik, KRIK Krik.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TNCL Tunceli-Merkez, TNCL Tunceli, KOVA Elazig, Kovanc, KOVA Kovanc, KOVA Kovanc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include HOMI Horasan, HOMI Homi, HOMI Homi, MDNT Maden, MDNT Maden, MDNT Maden.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KELT Kelkit, KELT Kelkit, KELT Kelkit, IZDR Rize, MCKZ Bingol, EATA Eata, MLAZ Malaz-TMUS, GUMT Gumushane, BLIS Bitlis-Merkez, BLIS Bitlis.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BLIS Bitlis, ESJG Sivrice-Elazig, EOLT Oltu, SVRC Sivrice-ELAZID, DYBB Dyrbakir, DORK Agr/Tutak/Do, DORK Dork, DORK Dork.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include DORK Dork, DDEM Demirkent, ILIC Ilir-Erzincan, CHOJ Choj, SENK Senkaya-Erzuru, MDYL Doganyol-Malat, AGRB Hanur-Agry, DBAD Bademkaya, DBAD Bademkaya.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ARPR Arapgir-MALATY, AKDM Akdamar-Van, BATM Batumi, URFA Urfa, GNI Garni.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include GNI Garni, KBZ Khabz, KBZ Khabz, KBZ Khabz, KVAR Kislovodsk Arr, KVAR Kislovodsk Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BRTR Keskin Array B, BRTR Keskin Array B, BRTR Keskin Array B.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MMAI Mount Meron Arr, ASF Jabal al Asfar, ASF Jabal al Asfar, FINES Finess Array B, FINES Finess Array B.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BRTR Keskin Array B, BRTR Keskin Array B, BRTR Keskin Array B.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BRTR Keskin Array B, BRTR Keskin Array B, BRTR Keskin Array B.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BRTR Keskin Array B, BRTR Keskin Array B, BRTR Keskin Array B.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BRTR Keskin Array B, BRTR Keskin Array B, BRTR Keskin Array B.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BRTR Keskin Array B, BRTR Keskin Array B, BRTR Keskin Array B.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BRTR Keskin Array B, BRTR Keskin Array B, BRTR Keskin Array B.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BRTR Keskin Array B, BRTR Keskin Array B, BRTR Keskin Array B.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BRTR Keskin Array B, BRTR Keskin Array B, BRTR Keskin Array B.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BRTR Keskin Array B, BRTR Keskin Array B, BRTR Keskin Array B.

ISC 15 05:30:55.6, 1.2, 39.40N:0.04:40.74E:0.05, h16km, m10km, n6, c02/26/11, Turkey

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include YEDI Yedisu-Bingol, KARO Karlova-Bingo, ECAT Cat-ERZURUM, ECAT Cat-ERZURUM, ECAT Cat-ERZURUM, ECAT Cat-ERZURUM, ECAT Cat-ERZURUM.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BNGB Bingli, BNGB Bingli, SLHN Bingol, Solhan, SLHN Bingol, Solhan, SLHN Bingol, Solhan.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ETEKE Tekederisi - E, ETEKE Tekederisi - E, ETEKE Tekederisi - E, ETEKE Tekederisi - E.

NOU 15 05:46:38.3, 35.82S:178.83E, h157km, mb3.9/7, Off E. Coast of N. Island, N.Z.

WEL 15 05:46:40.3-0.9, 36.7S:17.79E, h149km, m14km, M3.4/13, ML3.4/14, MLv3.4/13, Error ellipse: s-maj=9.9km s-min=8.8km az=56.2, confirmed

ISC 15 05:46:36.8-3.4, 35.8S:0.1:178.9E:0.1, h175km, n136, c124/49, Off east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MXZ Matakaoa Point, MXZ Matakaoa Point, MXZ Matakaoa Point, MXZ Matakaoa Point.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WNGZ Waiomatatini S, HAZ Te Kaha, PKGZ Pakihiroa, PUZ Puketiti, RUGZ Raukumara Rang, TWGZ Tauwhareparea, TWGZ Tauwhareparea.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include CNWZ Carnagh Statio, MWZ Matawai, OPKZ Ohiapanaea, URZ Urewera, URZ Urewera.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include URZ Urewera, URZ Urewera, URZ Urewera, URZ Urewera.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include RIGZ Rimuhau, MUGZ Murupara, RTZ Rutahua, SNGZ Shannon Statio, SNGZ Shannon Statio.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include RAHZ Arahi, MHGZ Mahia Peninsula, MHGZ Maungataniwha, MTHZ Mthz, EPAZ Eden Park BICE, EPAZ Eden Park BICE.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WPCZ Waipu Caves, ARHZ Aroapanau, ARHZ Aroapanau, ARHZ Aroapanau.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BKZ Black Stump Fm, BKZ Black Stump Fm, BKZ Black Stump Fm, BKZ Black Stump Fm.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KWHZ Kaweka Forest, KWHZ Kaweka Forest, KWHZ Kaweka Forest, KWHZ Kaweka Forest.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include NTVZ North Tongarir, TMVZ Te Maari, OTVZ Otareu, KAHZ Kahurangi, KAHZ Kahurangi.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include OUZ Omahuta, PNHZ Pukenui, BFZ Birch Farm, BFZ Birch Farm.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include YOI Yonaguni jima, YOJ Yonaguni jima, YOJ Yonaguni jima, YOJ Yonaguni jima.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include JYNG Yonagunijimaku, JYNG Yonagunijimaku, JYNG Yonagunijimaku, JYNG Yonagunijimaku.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include IRIF Iriomote-Funau, JKRS Kuro-shima, JKRS Kuro-shima, JKRS Kuro-shima.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include JIJ Ishigaki jima, JISG Ishigakijimahi, HATJ Hateruma jima, HATJ Hateruma jima.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KURS Kuro-shima, KURS Kuro-shima, KURS Kuro-shima, KURS Kuro-shima.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KURS Kuro-shima, KURS Kuro-shima, KURS Kuro-shima, KURS Kuro-shima.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KURS Kuro-shima, KURS Kuro-shima, KURS Kuro-shima, KURS Kuro-shima.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KURS Kuro-shima, KURS Kuro-shima, KURS Kuro-shima, KURS Kuro-shima.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KURS Kuro-shima, KURS Kuro-shima, KURS Kuro-shima, KURS Kuro-shima.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KURS Kuro-shima, KURS Kuro-shima, KURS Kuro-shima, KURS Kuro-shima.

ISC 15 05:54:50.0, 6.2, 24.76N:0.06:123.37E:0.04, h32km, n29, c194/34, mb3.8/9, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty.

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty, MARNC Mare, Loyalty.

ISK 15 05:30:55.7, 39.38N:40.74E, h13km, m1km, ML2.6/3

AFAD 15 05:30:57.1, 39.38N:40.92E, h7km, m3km, ML2.4

NEIC 15 05:53:25.1-0.8, 22.3S:0.1:172.5E:0.1, h59km, 7km, mb4.6/11, Error ellipse: s-maj=19.4km s-min=14.4km az=137.0

IDC 15 05:53:26.6-4.4, 22.28S:172.46E, h66km, 37km, mb3.8/8, mbtm4.1/10, ML3.9/2, MS3.3/5, Error ellipse: s-maj=26.0km s-min=24.2km az=75.0

NOU 15 05:53:43.1, 22.24S:170.83E, h0km, mb4.3/6, Southeast of Loyalty Islands

IDC 15 05:54:50.1-1.0, 24.74N:0.06:123.37E:0.05, h25km, 3km, mbtm3.8/7, ML2.9/1, Error ellipse: s-maj=67.0km s-min=18.5km az=72.0

JMA 15 05:54:50.3-0.2, 24.9N:0.9:123.3E:0.5, h25km, 3km, MV3.4/9, NW OFF ISHIGAKIJIMA

NEIC 15 05:54:51.1-1.3, 24.86N:0.06:123.3E:0.1, h10km, 2km, mb4.1/6, Error ellipse: s-maj=17.7km s-min=7.1km az=120.0

ISC 15 05:54:53.0-0.6, 24.76N:0.06:123.37E:0.04, h32km, n29, c194/34, mb3.8/9, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include YOJ Yonaguni jima, YOJ Yonaguni jima, YOJ Yonaguni jima, YOJ Yonaguni jima.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include IRIF Iriomote-Funau, JKRS Kuro-shima, JKRS Kuro-shima, JKRS Kuro-shima.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include HATJ Hateruma jima, HATJ Hateruma jima, HATJ Hateruma jima, HATJ Hateruma jima.

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

ASRS 15 06:05:58.0±1.4, 54.12N, 86.41E, h0km, M2.6(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like I46RU, ZALV, etc.

NEIC 15 06:00:47.7±0.9, 17.87N, 0.01±67.04W, 0.01, h10km, 1km, M3.3/5.37, Md3.7/14(RSPR), Mw3.3/15(SLM), Error ellipse: s-maj=3.2km s-min=2.0km az=10.0

OSPL 15 06:00:49.0±0.9, 17.87N, 67.03W, h0km, M2.13, 6.6. Presumed earthquake

SDD 15 06:00:50.3±2.2, 17.95N, 67.01W, h0km, 12km, MD2.8, M3.1, MW3.3, Presumed earthquake

ISC 15 06:00:47.9±0.9, 17.93N, 0.05±67.00W, 0.02, h14km, 4km, n47, ±0.55/74, 12C-8D, Mona Passage

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like MLPR, CRPR, etc.

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ECPR, SJG, etc.

ASRS 15 06:05:10.0±1.4, 54.14N, 86.85E, h0km, M2.7(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 15 06:05:11.5±3.4, 54.44N, 86.84E, h0km, mbtmp2.9/2, M2.7/2, Error ellipse: s-maj=31.6km s-min=18.5km az=53.0, Southwestern Siberia

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like I46RU, ZALV, etc.

GCG 15 06:22:37.7±1.4, 13.51N, 90.76W, h24km, 8km, MD3.8, M3.9, MW3.0, Presumed earthquake

CATAC 15 06:22:38.5±0.6, 31°N, 5.9°W, h10km, 3km, M3.3/17, M3.3/17, Error ellipse: s-maj=9.9km s-min=5.7km az=178.7, confirmed

SNET 15 06:22:43.9±3.7, 13.48N, 90.38W, h17km, M3.3, Presumed earthquake

ISC 15 06:22:39.0±1.7, 13.50N, 0.08±90.58W, 0.05, h14km, 10km, n39, ±0.62/53, Near coast of Guatemala

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like FAME, YEP, etc.

CATAC 15 06:27:13.8±0.2, 10°N, 2.8°W, h5km, 1km, M3.7/16, M3.7/16, Error ellipse: s-maj=4.1km s-min=3.0km az=50.3, confirmed

UCR 15 06:27:13.3±0.9, 10.43N, 85.13W, h7km, 2km, MW3.9, Fault plane solution: Np1±60.00000°, 86.000000°, 1.0.00000°, Presumed earthquake

ISC 15 06:27:13.7±0.8, 10.39N, 0.02±85.12W, 0.02, h17km, 5km, n117, ±0.93/128, 38C-11D, Costa Rica

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CNAS, JTS, etc.

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ERIA, VAREZ, etc.

JMA 15 06:38:59.7±0.1, 43.1°N, 0.5°E, h48km, MV3.3/38, OFF NEMURO PENINSULA

SKHL 15 06:39:00.4±0.2, 43.1°N, 145.90E, h34km, 2km, mb4.7/5, ISC 15 06:39:00.6±0.2, 43.07N, 145.82E, 0.08, h40km, 6km, n14, ±0.59/27, Hokkaido region

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NEM2, NEM3, etc.

YUK 350nm, 0.2s

Table with columns: Code, Station Name, Δ, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NMR, JKH, etc.

Main data table with columns for station call letters, frequency, power, and various status indicators. Includes sub-sections for '15d 6h' and '2020 JUN'.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like MZWR Madinat Zayed, RAC Raciborz, ASUD Al Ashush, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like ARTI, ARTI, ARTI, ARTI, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like LESA Schwarzleotol, LESA, SLIT, SMDO, etc.

Table with columns: ZSN, Zaisan, 32.69 61, eP, P, 06 58 05.3 +1.1, etc. Includes stations like Zaisan, Foel Wyifa, Keswick, Zalesovo Beam, etc.

Table with columns: LOKD, Lodwar, 36.13 189, P, P, 06 58 34.3 +0.1, etc. Includes stations like Akl, IGLA, Vila Real, etc.

Table with columns: KNGR, 40.83 195, LR, LR, 07 16 50.0, etc. Includes stations like Mbarara, LSA, GOMU, etc.

2020 JUN

15d 6h

15d 6h

2020 JUN

Table with columns for station code, name, frequency, power, and various performance metrics. Includes stations like MORE, ULN, LZH, BOD, SUMG, TNCH, CIT, CD2, BTO2, PZH, DBIC, and CHTO.

Table with columns for station code, name, frequency, power, and various performance metrics. Includes stations like CHTO, CM31, CMAR, CMAR, ILULI, SAOQ, KULLO, XLT, NRS, TIY, HILR, SFJD, GDH, LSZ, YAK, YAK, GYA, IVI, ENH, LYN, BJT, BJ2, BJ2, BJ2, BJ2, TULEG, HNS, HNS, ZEA, ZEA, OPO, ABPO, ABPO, ABPO, HEH, HEH, HEH, WHN, WHN, WHN, WHN.

Table with columns for station code, name, frequency, power, and various performance metrics. Includes stations like SNY, SNY, SNY, SNY, POIN, MATP, DL2, DL2, DL2, CN2, CN2, CN2, CN2, SACS, BNX, BNX, BNX, BNX, BNX, VOI, BROLN, NJ2, NJ2, NJ2, NJ2, TSUM, TSUM, TSUM, QIZ, QIZ, QIZ, QIZ, RES, RES, MDJ, FRB, GRTL, GRTL, ILON, ILON, GRNR, GRNR, GRNR, LPHEP, RPSI, SSE, SSE, SSE, SEY, SEY, INCN, USRK, BILL, BILL, BILL, BILL, WIN, WIN, WIN, SKOMA, KSAR, LBTB, LBTB, LBTB, LBTB, KSR, KSR, KNMB, MA2, MA2, MA2.

Table with columns for station ID, name, coordinates, and status. Includes stations like MA2, DRLN, MAKGR, POGA, BKNI, TYV, PPI, PDSI, SCHO, TATO, YHNB, SSSL, TPUB, A36M, YULG, A21K, BOSA, BOSA, BOSA, A22K, YSS, YSS, YSS, YSS, A19K, JNU, JNU, B22K, B20K, B20K, GBN, B21K, B21K, C23K, C19K, C19K, C16K, C26K, C17K, C24K, C36M, C36M, C18K, ASAJ, ASAJ, JKA, BLKN, C21K, C27K, C27K, RDG, RDG, D20K, D25K, D19K, D24K, D24K, D23K, D23K, D17M, D17M, JOW, BATG, BATG, E20K, E21K, E21K, TOLK, LMN, LMN.

Table with columns for station ID, name, coordinates, and status. Includes stations like E18K, E18K, E28M, E22K, E22K, E17K, E17K, E29M, INK, INK, E23K, E23K, E19K, E19K, E24K, E24K, E25K, E25K, E25K, E27K, MDSI, MAJO, MAJO, MAJO, MJAR, MJAR, MJAR, F22K, F22K, PETK, PETK, PETK, TNA, TNA, TNA, F20K, F20K, F17K, F17K, F19K, F19K, F21K, F21K, F21K, F26K, F26K, F24K, F24K, F25K, F25K, F30M, F30M, F28M, F28M, F14K, F14K, F15K, F15K, F31M, F31M, PET, PET, G22K, D62A, TGY, KASI, SUR, SUR, G21K, G21K, G21K, G21K, G19K, G19K, G23K, G23K, G23K, G23K, G30M, G30M, G26K, G26K, G31M, G31M, GAMB, GAMB, G16K, G16K, G16K.

Table with columns for station ID, name, coordinates, and status. Includes stations like G29M, F64A, F64A, G65A, G25K, G25K, G24K, G24K, G27K, G27K, G17K, G17K, G15K, G15K, ANM, ANM, ANM, EPYK, EPYK, EPYK, H19K, H19K, H22K, H22K, H22K, H27K, H27K, H29M, H29M, H29M, H18K, H18K, H16K, H16K, H20K, H20K, H17K, H17K, H17K, H21K, H21K, H21K, H23K, H23K, H24K, H24K, PKME, PKME, KKM, KKM, KKM, KKM, H31M, H31M, H31M, FCC, FCC, GCSA, GCSA, I21K, I21K, I21K, CGJ, CGJ, PRP, PRP, I27K, I27K, I20K, I20K, I20K, I28M, I28M, I23K, I23K, I23K, MLY, MLY, MLY, MLY, WVL, WVL, I29M, I29M, I26K, I26K, I26K, I26K, G62A, G62A, I17K, I17K, I17K, I30M, I30M, I30M, I30M, COLA, COLA, COLA, COLA, COLA, COLA, ILAR, ILAR, ILAR, ILAR, ILAR, ILAR, NEA2, NEA2, J20K, J20K, J20K, J20K, J19K, J19K, J19K, J19K, J19K, J19K, WRH, WRH, J16K, J16K, J16K, J17K, J17K.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Station Type, and Forecast (Wind Speed, Wind Direction, Temperature, Clouds, Visibility, etc.).

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Station Type, and Forecast (Wind Speed, Wind Direction, Temperature, Clouds, Visibility, etc.).

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Station Type, and Forecast (Wind Speed, Wind Direction, Temperature, Clouds, Visibility, etc.).

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like KDCA, KDKA, MMSI, R32K, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like KAKSI, Kolaka, Sulawe, SPMM, etc.

Table with columns: Station ID, Name, Frequency, Class, Mode, Power, and other technical details. Includes stations like R40A, Madiess, Stos, R40A, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like KHMM, PSUT, WHXT, JAY, O02D, ALQ, HOPS, WELL, CMB, TIB, JRC, JRS, JASPER, VES, LRM, ISA, TEIG, TXAR, PAS, GLA, WRA, ASAR, ASAR, HDC, JTS, NVL, NVL, NVL, VNA2, VNA3, STKA, PLCA, QSPA, TAOE, PPT2, PPT2.

ASRS 15 06:55:32.0±0.9, 53.68N±88.10E, h0km, M2.5(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022. IDC 15 06:55:32.6±4.9, 53.551N±86.26E, h0km, mbtmp2.63, ML2.2, Error ellipse: s-maj=54.1km s-min=26.1km az=74.0, Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like H46RU, ZALV, KURBB, MKAR.

CATAC 15 06:57:26.8±0.8, 14°N±4°9'2W±1, h22km±5km, M3.6/13, MLV3.6/13, Error ellipse: s-maj=10.2km s-min=5.9km az=43.4, confirmed

MEX 15 06:57:26.8±1.3, 14°20'N±92°33'W, h70km±22km, MD4.5 GCG 15 06:57:27.0±1.9, 14°23'N±92°20'W, h30km±9km, MD4.0, ML3.8, MW3.2, Presumed earthquake

ISC 15 06:57:22.2±1.6, 14.070N±0.05±92.93W±0.03, h1km±10km, n49, e248/79, Near coast of Chiapas

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like RTAL, THIG, THIG, STG2, STG2, PATR, CHJU, CHJU, STGS, STGS, STG8, STG8.

PAVE Pavencul 1.14 10 eP Pb 06 57 44.3 +0.6

HUEH Huehuetenango 1.50 34 eS Sg 06 57 51.0 -0.2

HUEH Huehuetenango 1.50 34 iS Sg 06 58 09.4 -1.4

HUEH Huehuetenango 1.50 34 iS Sg 06 57 51.0 -0.2

HUEH Huehuetenango 1.50 34 P Sg 06 57 51.0 -0.2

HUEH Huehuetenango 1.50 34 P Sg 06 57 51.0 -0.2

HUEH Huehuetenango 1.50 34 P Sg 06 57 51.0 -0.2

HUEH Huehuetenango 1.50 34 P Sg 06 57 51.0 -0.2

HUEH Huehuetenango 1.50 34 P Sg 06 57 51.0 -0.2

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like Arroyo Zacate, Puerto Escondi, Sabancuy, Vista Hermosa, Yosondua, Pinotefe, Topalpan, Tlaxiaco, Huajuapán de L., Tehuacan, Fresno de T., Jatcomulco, Tlapa, Cruz Grande, Popocatepetl, Yatepec.

ASRS 15 07:05:23.0±0.9, 54.30N±86.14E, h0km, M2.7(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022. IDC 15 07:05:26.2±2.6, 54.27N±86.20E, h0km, mbtmp3.2/2, ML3.0/2, Error ellipse: s-maj=21.1km s-min=13.7km az=41.0, Southwestern Siberia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like H46RU, ZALV, ZALV, KURBB, MKAR.

TAP 15 07:08:44.3±24.29N±121.64E, h10km, ML2.4, C, Taiwan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like EAHA, EAHA, NINGANCHIAO, FUSH VILLAGE, XIULIN TOWNSHI, ENA, ENA, HWA, LXIB, FUSHU, WULAI, OWLT, OWLT.

JMA 15 07:09:00.6±0.2, 24.3N±108.1234E±0.3, h30km, MW1.6/10, NW OFF ISHIGAKIJIMA IS, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like YOJ, YOJ, JYNG, JYNG, IRIF, IRIF, JKRS, JKRS, JISG, JISG, HATJ, HATJ, JTJ, JTJ.

ASRS 15 07:10:15.0±0.5, 54.35N±86.80E, h5km, ML3.7/21, NEIC 15 07:14:36.1±1.2, 39.37N±104.04±0.72E±0.16, h10km±1km, mb4.2/36, Error ellipse: s-maj=7.7km s-min=6.4km az=268.0

AFAD 15 07:14:36.0±0.9, 39.39N±104.67E, h7km±4km, MW3.8 IDC 15 07:14:38.4±1.1, 39.40N±104.54E, h0km, mb3.4/4, mbtmp3.5/10, ML3.2/6, Error ellipse: s-maj=17.6km s-min=10.7km az=165.0

ISC 15 07:14:36.0±0.9, 39.39N±104.71E±0.02, h9km±6km, n108, e130/119, mb4.2/20, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like H46RU, ZALV, ZALV, KURBB, MKAR.

ISK 15 07:14:35.8±39.34N±104.70E, h5km, ML3.7/21

NEIC 15 07:14:36.1±1.2, 39.37N±104.04±0.72E±0.16, h10km±1km, mb4.2/36, Error ellipse: s-maj=7.7km s-min=6.4km az=268.0

AFAD 15 07:14:36.0±0.9, 39.39N±104.67E, h7km±4km, MW3.8 IDC 15 07:14:38.4±1.1, 39.40N±104.54E, h0km, mb3.4/4, mbtmp3.5/10, ML3.2/6, Error ellipse: s-maj=17.6km s-min=10.7km az=165.0

ISC 15 07:14:36.0±0.9, 39.39N±104.71E±0.02, h9km±6km, n108, e130/119, mb4.2/20, Turkey

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Includes stations like YEDI, YEDI, KARAT, KARAT, ECAT, ECAT, BNGB, BNGB, SLHN, SLHN, SLHN, SLHN, ETEKE, ETEKE, KOPT, KOPT, KOPT, KOPT, MAYK, MAYK, ERZM, ERZM, ERZM, ERZM, EUZM, EUZM.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like MUMS, MUMS, BAYB, BAYB, Tuncel-Merkez, Erzurum-spir, Kovanc, Kelkit, Rize, Gumushane, Sivrice-Elazig, Malazgirt-MUS, Eleksir, Sivrice-ELAZIG, Yata, Yata, Oltu, Sivrice-Elazig, Agr/Tutak/Do, DORK, ilic-Erzincan, Doganyol-Malat, ChMY, Cavelli-Rize, Senkaya-Erzur, Hanur-Agry, Arap, Arap, GEVA, GEVA, BATM, BATM, BATM, BATM, URFU, URFU, TASBURUN-IGDIR, SVSK, SVSK, GNI, GNI.

GNI 3.0m, 0.3s, baz=307, slow=22, SNR=3.8 30m, 0.8s

GNI 3.0m, 0.3s, baz=307, slow=22, SNR=3.8 30m, 0.8s

GNI 3.0m, 0.3s, baz=307, slow=22, SNR=3.8 30m, 0.8s

GNI 3.0m, 0.3s, baz=307, slow=22, SNR=3.8 30m, 0.8s

GNI 3.0m, 0.3s, baz=307, slow=22, SNR=3.8 30m, 0.8s

GNI 3.0m, 0.3s, baz=307, slow=22, SNR=3.8 30m, 0.8s

GNI 3.0m, 0.3s, baz=307, slow=22, SNR=3.8 30m, 0.8s

GNI 3.0m, 0.3s, baz=307, slow=22, SNR=3.8 30m, 0.8s

GNI 3.0m, 0.3s, baz=307, slow=22, SNR=3.8 30m, 0.8s

GNI 3.0m, 0.3s, baz=307, slow=22, SNR=3.8 30m, 0.8s

GNI 3.0m, 0.3s, baz=307, slow=22, SNR=3.8 30m, 0.8s

GNI 3.0m, 0.3s, baz=307, slow=22, SNR=3.8 30m, 0.8s

GNI 3.0m, 0.3s, baz=307, slow=22, SNR=3.8 30m, 0.8s

GNI 3.0m, 0.3s, baz=307, slow=22, SNR=3.8 30m, 0.8s

GNI 3.0m, 0.3s, baz=307, slow=22, SNR=3.8 30m, 0.8s

GNI 3.0m, 0.3s, baz=307, slow=22, SNR=3.8 30m, 0.8s

GNI 3.0m, 0.3s, baz=307, slow=22, SNR=3.8 30m, 0.8s

GNI 3.0m, 0.3s, baz=307, slow=22, SNR=3.8 30m, 0.8s

GNI 3.0m, 0.3s, baz=307, slow=22, SNR=3.8 30m, 0.8s

GNI 3.0m, 0.3s, baz=307, slow=22, SNR=3.8 30m, 0.8s

GNI 3.0m, 0.3s, baz=307, slow=22, SNR=3.8 30m, 0.8s

GNI 3.0m, 0.3s, baz=307, slow=22, SNR=3.8 30m, 0.8s

GNI 3.0m, 0.3s, baz=307, slow=22, SNR=3.8 30m, 0.8s

GNI 3.0m, 0.3s, baz=307, slow=22, SNR=3.8 30m, 0.8s

GNI 3.0m, 0.3s, baz=307, slow=22, SNR=3.8 30m, 0.8s

GNI 3.0m, 0.3s, baz=307, slow=22, SNR=3.8 30m, 0.8s

MCSM 15 07:15:12.5-1.0,39°N;11°41'E;h16km,4km,mb3.7, mB5.0,Mw(mB)4.4

ISK 15 07:15:13.3,39.38N;40.68E,h15km,ML2.9/3

AFAD 15 07:15:14.3,39.39N;40.73E,h7km,4km,ML3.4

ISC 15 07:15:13.5-0.8,39.38N;0.04;40.72E;0.04,h14km,6km, n26,0;92/36,Turkey

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

IDC 15 07:15:42.5-1.0,34°19'N;25°94'E,h0km,mb4.0/10, mbtmp4.0/17,ML3.5/7, Error ellipse: s-maj=19.2km s-min=12.8km az=24.0

NEIC 15 07:15:43.2-1.4,34°16'N;0°05'25.80E;0.06,h10km,1km, mb4.3/33, Error ellipse: s-maj=10.7km s-min=6.3km az=132.0

THE 15 07:15:43.2,34°N;19°2'6E;1.7,h1km,23km,M3.3/8, ML3.3/8

ATH 15 07:15:47.0-7.0,34°44'N;25°86'E,h12km,ML3.4/10, Latitude uncertainty: 5 km; Longitude uncertainty: 3 km

ISC 15 07:15:42.4-1.7,34°18'N;0.06;25.88E;0.04,h5km,gkm, n108,0;152/114,mb4.2/23,2D,Crete

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

Table with columns: KBZ, Khabaz, 16.29 49 Pn P, 07 19 35.7 +0.9. Includes stations like SALO, AKASG, AKASG, AKABG, FUORN, GERES, GERES, DAVOX, KHC, CLL, WLF, MEM, ESSB, ESDC, ESDC, FINES, FIA1, AKTO, NC303, NC303, EKA, ESK, ESK, ABKAR, TORD, TORD, TORD, ARCES, ARCES, KBL, KBL, KK31, KK31, KKR, KEV, GAR, GAR, BORK, BORK, AAK, AAK, BOOM, BOOM, KURBS, KURBS, KURK, MKAR, ZALV, ZALV, ZALV, SUMG, SONM, SONM, SONM, SCHO, BATG, A36M, L64A, C23K, C23K, YKAW3, YKAW3, YKAW3, H29M, H29M, ISK 15 07:16:47.5, 39.36N;40.73E, h16km,1km, ML2.7/2 AFAD 15 07:16:48.0, 39.38N;40.71E, h7km,5km, ML2.2 ISC 15 07:16:46.5-1.1, 39.36N;0.03;40.74E;0.04,h15km,gkm, n23,0;96/32,Turkey

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

Table with columns: DSI, Dead Sea, 8.91 211 P Pn, 07 18 54.1 -0.6. Includes stations like SWQJ, Swaqz, 8.95 207 P Pn, MSBI, Mazada, 9.15 210 P Pn, LISJ, El Lisan, 9.16 210 P Pn, ZFRI, Kfiri, 9.89 209 P Pn, KZIT, Zkzit, 9.90 214 P Pn.

SJA 15 07:18:30.4;0.6,24°23'S;67°08'W,h156km,6km,ML4.5,

IDC 15 07:18:31.1,2.1,24°14'S;67°08'W,h154km,9km,mb4.1/13, mbtmp4.5/19, Error ellipse: s-maj=15.1km s-min=9.1km az=88.0

NEIC 15 07:18:32.2-1.4,24°19'S;0°06'67.11W;0.09,h156km,5km, mb4.6/143,Mwr4.5(GUC), Error ellipse: s-maj=12.5km s-min=8.9km az=86.0

GUC 15 07:18:32.8;0.7,24°15'S;67°30'W,h181km,7km,ML4.7

VAO 15 07:18:33.5;0.4,24°08'S;67°12'W,h183km,mb4.7, Presumed earthquake

ISC 15 07:18:31.7;0.2,24°18'S;0°03'67.13W;0.03,h160km,5km, n308,0;156/531,mb4.6/72,7C-3D,Chile-Argentina border region

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

Main table containing station data with columns for call sign, name, frequency, mode, and other technical details. Includes sub-sections for various stations like IPOC, CELP, MTO3, etc.

RSNC 15 07:23:09.5,2.2,22'S;29°6'7W;1'4,h0km,mb5.3,mb4.7, MW(mB)4.8

SJA 15 07:22:58.0,0.7,21'99S;67°29W,h216km,ML4.9,mb4.5 VAO 15 07:22:58.7,0.3,21'86S;67°13W,h186km,3km,mb4.9

Presumed earthquake IDC 15 07:22:58.6,1.1,22.00S;67°05W,h175km,9km,mb4.3/14, mbmp4.8/21, Error ellipse: s-maj=14.5km s-min=8.7km az=71.0

NEIC 15 07:23:00.6,1.9,21.97S;0°03.67'32W;0°10,h192km,5km, mb4.7363,ML5.2(GUC), Error ellipse: s-maj=13.4km s-min=3.8km az=87.0

GUC 15 07:23:00.1,0.7,21'99S;67°42W,h214km,4km,ML5.2 SCB 15 07:23:00.1,1.4,22'04S;67°23W,h172km,15km,mb5.4, ML5.1/3, Error ellipse: s-maj=5.6km s-min=3.6km az=0

ISC 15 07:22:59.0,0.5,21'93S;0°03.67'17W;0°03,h184km,5km, n453,r150/393,mb4.7/183,17C-1D,Chile-Bolivia border region

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

Table of astronomical observations for 15 days in July, including station names, coordinates, and observation times.

Table of astronomical observations for 20 days in June, including station names, coordinates, and observation times.

Table of astronomical observations for 20 days in June, including station names, coordinates, and observation times.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KURBB, MKAR, and AFAD.

ISC 15 08:10:17.9; 1.2, 49.36N; 0.05; -17.59E; 0.06; h6km; 10km, n6, #042/11, Czech and Slovak Republics

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MORC, VRAC, JAVC, KRUC, KSP, OJC.

AFAD 15 08:20:26.7; 39.34N; 40.71E; h7km; 6km, ML2.1

ISC 15 08:20:26.0; 1.1, 39.42N; 0.07; 40.76E; 0.04; h17km; 12km, n10, #064/18, Turkey

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like YEDI, ECAT, KARO, BNGB, ETEKE, SLHN, KOPT, ERZM, SVRC, AGRB.

SVSA 15 08:26:57.5; 0.4, 37.17N; 25.26W; h5km; 1km, ML1.5(INMG), Error ellipse: s-maj=4.2km s-min=1.4km az=174.0, #DIST_RANGE: LOCAL #IPMA_REGION: S

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PPOV, BART, PGRON.

SVSA 15 08:27:35.6; 0.6, 37.70N; 25.25W; h6km; 6km, ML0.8(INMG), Error ellipse: s-maj=6.2km s-min=3.4km az=177.0, #DIST_RANGE: LOCAL #IPMA_REGION: S

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PPOV, BART, PGRON.

AEIC 15 08:35:20.7; 1.9, 53.01N; 0.07; -169.95W; 0.08; h10km; 1km, mb3.5/1, ML3.2, 2.61 (AEIC), Error ellipse: s-maj=13.2km s-min=4.5km az=148.0, Fox Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OKSP, OKFC, OKNC, OKTU, OKFG, MKGOD, MNAT, UNV, AKRB, KOSE, LVA, LVA, ZRO, KOPF, AKV, AKBA, AKGC, KOKL, ATKA, ATKA.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ATKA, AKUT, AKSA, GSGI, GSTR, GSTD, GSCX, SPIA.

ISC 15 08:35:48.0; 1.4, 53.76N; 91.09E; h0km; M3.4(MOS), The earthquakes of Russia in 2020, Obninsk, GS RS, 2022

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ADD, ADK, AKSA, KIWB, O14K, N14K, O15K, M14K, L14K, O16K, S11, M16K, K15K, L18K, J17K, L19K, H17K, J20K, FID, H21K, H24K, I26K, M29M, DAWY, PETK, I28M, H29M, G29M, G31M, S11A, AB31, ABKAR.

ISC 15 08:35:52.7; 3.1, 53.64N; 90.92E; h0km; mbmp3.5/3, ML3.1/3, Error ellipse: s-maj=26.6km s-min=22.7km az=53.0

NNC 15 08:35:53.1; 6.5, 52.94N; 91.21E; h0km; mb3.8, mpv3.5, Error ellipse: s-maj=50.1km s-min=39.8km az=65.0, Suspected Mining explosion

ISC 15 08:35:47.2; 3.6, 54.1N; 0.21E; 0.2; h0km; n9, #2823/12, 6C-4D, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like I46RU, ZAAO, ZAAO, ZALV, ZALV, KURK, KURK, KURBB, KURBB, KURBB, MK31, MKAR, MKAR, MKAR, SONMI.

UCC 15 08:36:32.1; 49.80N; 0.77E; h0km, ML2.7 Explosion, STR 15 08:36:34.3; 0.5, 50.1N; 0.6; h0km, mb3.8/10, LOCASAT earthModelD haslach, taup=2.1 preliminary

ISC 15 08:36:31.6; 1.3, 49.93N; 0.05; 0.71E; 0.04; h0km; n39, #0587/40, 11D, France

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like HMNX, ELSH, CLEV, SOUF, LOUT, ECST, BSGQ, BRQR, PLEU, DOU, DOU, BMRD, BGES, GUEF, YADW, BEGAN, BEEN, BHOU, MEM, MEM, KALB, PLOU, MLAN.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OLIV, CCA1, FAHY, WRS, GLN, WLN, DIX, LSD, RRL, RSP, CRO, OGS, SURF, JAUF, ENAUX.

IDC 15 08:41:40.5; 1.2, 35.48N; 22.74E; h0km; mb3.8/11, mbtmp3.8/17, ML3.4/6, Error ellipse: s-maj=22.1km s-min=5.9km az=110.0

NEIC 15 08:41:41.9; 2.4, 35.34N; 0.09; 22.77E; 0.07; h10km; 1km, mb4.2/9, Error ellipse: s-maj=15.4km s-min=8.7km az=201.0

ISK 15 08:41:45.4; 35.38N; 23.01E; h16km, ML3.4/6, THE 15 08:41:45.2; 35.14N; 22.3E; 2.0, h2km; 30km, M3.4/9, MLh3.4/9

ATH 15 08:41:47.0; 35.44N; 23.02E; h13km; 4km, ML3.4/13, Latitude uncertainty: 2 km; Longitude uncertainty: 2 km

ISC 15 08:41:43.2; 1.5, 35.36N; 0.05; 22.84E; 0.05; h17km; 8km, n99, #2111/05, mb3.8/13, Central Mediterranean Sea

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ANKY, IMMV, IMMV, IMMV, CHNB, CHNB, VAM, VAM, VAM, GVD, GVD, GVD, MNVA, SIVA, SIVA, SIVA, ANOY, ANOY, ANOY, PYL, PYL, MLOS, MLOS, ITM, ITM, ITM, MET1, MET1, MET1, MET2, MET2, MET2, MET3, MET3, MET3, MET4, MET4, MET4, MET5, MET5, MET5, MET6, MET6, MET6, MET7, MET7, MET7, MET8, MET8, MET8, MET9, MET9, MET9, MET10, MET10, MET10, MET11, MET11, MET11, MET12, MET12, MET12, MET13, MET13, MET13, MET14, MET14, MET14, MET15, MET15, MET15, MET16, MET16, MET16, MET17, MET17, MET17, MET18, MET18, MET18, MET19, MET19, MET19, MET20, MET20, MET20, MET21, MET21, MET21, MET22, MET22, MET22, MET23, MET23, MET23, MET24, MET24, MET24, MET25, MET25, MET25, MET26, MET26, MET26, MET27, MET27, MET27, MET28, MET28, MET28, MET29, MET29, MET29, MET30, MET30, MET30, MET31, MET31, MET31, MET32, MET32, MET32, MET33, MET33, MET33, MET34, MET34, MET34, MET35, MET35, MET35, MET36, MET36, MET36, MET37, MET37, MET37, MET38, MET38, MET38, MET39, MET39, MET39, MET40, MET40, MET40, MET41, MET41, 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15d 9h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Includes stations like Tunceli-Merkez, Elazig, Kovanc, etc.

BJI 15 09:18:00.8,24:67N:123:40E,h10km,mB5.2/35,mb4.5/51, Ms4.8/57,Ms7 4.6/54

NIED 15 09:18:01.6,24:92N:123:32E,h17km,MW4.6,Moment Tensor Solution. s2 Moment tensor: Scale 10^19Nm; Mm-8.98; Mss7.35; Mss1.63; Mss2.35; Mss0.22; Mss-4.56; Fault plane solution: M69.33000x10^15 NP1s74.000000; s39.000000; i-121.000000; NP2s291.000000; s57.000000; i-67.000000

JMA 15 09:18:01.6,0.2,24:9N:0.6:123:3E:0.4,h17km,3km, MD5.3/15,MW4.6/15,NW OFF ISHIGAKIJIMA IS

NEIC 15 09:18:02.9,1.4,24:81N:0.06:123:3E:0.06,h10km,1km, mb4.7/62,Error ellipse: s-maj=13.0km s-min=6.2km az=137.0

GCMT 15 09:18:02.9,0.3,24:92N:0.03:123:19E:0.05,h19km,1km, MW4.8/74,Moment Tensor Solution. s20,c20; s74,c93; Duration: 0 Moment tensor: Scale 10^19Nm; Mm-1.78; Mss1.4; Mss0.31; Mss2.2; Best double couple: M62.05200x10^16 NP1s90.000000; s26.000000; i-82.000000; NP2s260.000000; s65.000000; i-94.000000. Principal axes: T 1.8560,Plg19.0000,Azm353.0000; N 0.3890,Plg4.0000,Azm262.0000; P -2.2420,Plg70.0000. Azm162.0000; nsta2 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 15 09:18:08.4,2.8,24:82N:123:30E,h56km,27km,mb4.0/20, mbmp4.2/24,ML3.2/4,MS4.0/64 Error ellipse: s-maj=18.1km s-min=12.5km az=69.0

ISC 15 09:18:05.5,0.5,24:59N:0.03:123:37E:0.03,h30km,3km, m218.1592/168,mb4.6/64,MS4.1/67,1C-2D, Southwestern Ryukyu Islands

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

Main table of station data with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Op, ISC, Time, Residual. Lists stations like Yonaguni jima, Yonaguni jima, Yonaguni jima, etc.

2020 JUN

Main table of station data for 2020 JUN with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Lists stations like LYN, LYN, LYN, etc.

904

Main table of station data for 904 with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Rate Error, Elevation Rate Error. Lists stations like BNX, BNX, BNX, etc.

IDC 15 10:31:17.1-0.7, 41.145; 91.22W, h0km, mb4.0/10, mblmp4.0/11, ML3.4/1, MS4.1/19, Error ellipse: s-maj=25.2km s-min=18.8km az=109.0

NEIC 15 10:31:19.9, 1.5, 41.1; 1S:0.1:91.3W:0.2, h10km, n93, mb4.6/72, Error ellipse: s-maj=23.5km s-min=19.2km az=288.0

GCMT 15 10:31:19.9, 0.2, 41.1; 19S:0.0:91.3W:0.2, h12km, MW4.9/110, Moment Tensor Solution. s34, c39; s110, c142; Duration: 0 Moment tensor: Scale 10^19Nm; Mw=3.02; Ms=0.04; Ml=0.0; Ml3=0.09; Mb=0.70; Ml4=0.44; Mw=0.02; Ms=0.07; Ml=0.56; Ml3=0.1; Best double couple; M3: 20.400; 10.16 NP1: 345.00000; 841.00000; 1-72.00000; NP2: 345.00000; 852.00000; 1-105.00000; Principal axes: T 3.1630, Plg6.00000; Azm85.00000; N 0.0790, Plg12.00000; Azm354.00000; P -3.2450, Plg77.00000; Azm201.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 15 10:31:19.9, 1.0, 6.41, 09S:0.10:91.3W:0.1, h10km, n93, ct1504/54, mb4.6/43, MS4.0/19, 3D, Southeast of Easter Island

Table with columns: Code, Station Name, Az, Phase, ID, Op, T, ISC, Time, Res. Includes stations like Juan Fernandez, San Fabin de, Panimaviva, etc.

Table with columns: ANMO, Albuquerque, 76.94 347, 10 43 12.6 +0.9, 10 43 20.0. Includes stations like Gravette, Lo Mia Camp, etc.

IDC 15 10:37:30.9, 0.4, 9.50S; 156.14E, h0km, mb4.9/28, mblmp4.9/32, ML2.1/2, MS4.3/42, Error ellipse: s-maj=13.5km s-min=10.3km az=83.0

MOS 15 10:37:32.0, 0.8, 9.42S; 156.05E, h10km, mb5.4/45, MS4.8/4, Error ellipse: s-maj=7.7km s-min=6.3km az=120.3

BUI 15 10:37:33.1, 9.05S; 156.06E, h10km, mb5.5/40, mb5.2/73, MS5.3/59, MS7.5/060

NEIC 15 10:37:33.1, 6.9, 9.47S; 0.04; 156.10E; 0.06, h10km, n93, mb5.6/340, Mww5.2/18, Error ellipse: s-maj=12.0km s-min=2.8km az=53.0

NEIC 15 10:37:33.3, 9.49S; 156.11E, h10km, GCMT 15 10:37:34.0, 1.9, 55S:0.01:156.05E:0.01, h12km, MWS 2.1/17, Moment Tensor Solution. s86, c135; s17, c195; Duration: 180 Moment tensor: Scale 10^16 Nm; Mw=6.61; Ms=13; Ml3=3.44; 12; Ml4=3.17; 12; Mw=2.62; Ms=0.04; 11; Ml=0.66; 35; Best double couple: M3: 0.59000; 10.16 NP1: 345.00000; 841.00000; 1-121.00000; NP2: 345.00000; 854.00000; 1-64.00000; Principal axes: T 8.4840, Plg6.00000; Azm137.00000; N -0.8500, Plg21.00000; Azm229.00000; P -7.6340, Plg68.00000; Azm33.00000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 15 10:37:38.1, 9.29S; 156.11E, h12km, Moment Tensor Solution. Duration: 188 Moment tensor: Scale 10^19Nm; Mw=6.15; Ms=3.04; Ml3=1.11; Ml4=6.37; Ms2=6.27; Ms3=2.43; Fault plane solution: Ms9.05000x10^16 NP1: 345.00000; 822.85000; 1-117.440000; NP2: 345.00000; 869.84000; 1-79.010000; Principal axes: T 8.5536, Plg24.00000; Azm324.00000; N 0.9265, Plg10.00000; Azm85.00000; P -9.4801, Plg6.00000; Azm170.00000; DJA 15 10:37:40.7, 0.4, 9.53S; 156.15E; 0.06, h10km, n93, mb6.0/50, mb5.3/91, MLV4.8/32, Mw(mB)5.6/40, Mww5.2/3, MWS5.5/3

ISC 15 10:37:39.3, 0.4, 9.49S:0.04:156.18E:0.04, h14km, 2km, h1km; pp-N841, s1535724, mb5.5/261, MS4.7/64, 12C-22D Bougainville-Solomon Islands region

Table with columns: Code, Station Name, Az, Phase, ID, Op, T, ISC, Time, Res. Includes stations like Honiara, Keravat, Rabaul, Port Moresby, etc.

15d 10h

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like H21K Melozitna River, KLU Kutina, F20K Avaraart Lake, etc.

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Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like MKAR Makanchi Array, G24K Hadweencik Riv, PRP Porcupine Dome, etc.

910

Table with columns for station ID, name, elevation, frequency, and other technical details. Includes stations like WHY Whitehorse, WHY Whitehorse, KDJ Kajisay, etc.

IDC 15 11:03:30.70, 24.82N, 123.14E, h0km, mb3.9/18, mltmp3.9/21, ML3.1/2, MS3.7/9, Error ellipse: s-maj=21.6km s-min=14.5km az=70.0

BUI 15 11:03:31.2, 24.43N, 123.32E, h28km, mb4.8/13, mb4.8/13, ms4.6/30, ms7.4/5/30

NEIC 15 11:03:32.1, 5.2495N, 0.03, 123.03E, 0.05, h10km, 1km, mb4.5/53, Error ellipse: s-maj=8.0km s-min=5.1km az=94.0

JMA 15 11:03:32.5, 0.2, 24.9N, 0.9, 123.4E, 0.3, h25km, MD4.8/12, MV3.9/12, NW OFF ISHIGAKIJIMA IS

ISC 15 11:03:33.7, 0.6, 24.76N, 0.03, 122.92E, 0.02, h26km, 4km, n136, c2612/145, mb4.3/41, MS3.9/11, IC, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, A, AZ, Op, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data points.

Table with columns: Station Name, A, AZ, Op, Phase ID, Time, Res, ISC. Lists seismic stations with specific data points, including station names like BTO2, KKM, XLT, etc.

Table with columns: Station Name, A, AZ, Op, Phase ID, Time, Res, ISC. Lists seismic stations with specific data points, including station names like EIDS, STKA, KOUNC, etc.

IDC 15 11:12:03.5, 23.0, 4.12N, 122.62E, h0km, mb3.8/4, mltmp3.8/3.9, Error ellipse: s-maj=406.2km s-min=117.2km az=135.0, Celebes Sea

Table with columns: Code, Station Name, A, AZ, Op, Phase ID, Time, Res, ISC. Lists seismic stations with specific data points, including station names like FITZ, WRA, ASAR, etc.

IDC 15 11:13:29.5, 1.2, 24.71N, 123.09E, h0km, mb3.4/5, mltmp3.4/7, ML3.2/1, Error ellipse: s-maj=44.5km s-min=2.1km az=60.0

Table with columns: Code, Station Name, A, AZ, Op, Phase ID, Time, Res, ISC. Lists seismic stations with specific data points, including station names like YOJ, JYNG, WRA, etc.

IDC 15 11:13:37.9, 0.3, 43.33N, 0.02, 127.05W, 0.02, h14km, 1km, MW4.8/10, NW OFF ISHIGAKIJIMA IS

15d 11h

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like K29M Barlow Dome, KLU Klutina, BCAR Beaver Creek A, etc.

2020 JUN

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like O19K Port Alsworth, J25K Salcha River, I27K Kandik River, etc.

914

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like N16K Nishlik Lake, L18K Granite Mounta, H23K Yukon River, etc.

Table with columns: ID, Station Name, Time, Azimuth, Phase ID, and Residual. Includes stations like Redstone River, Ikkilik River, and various other seismic stations.

Table with columns: ID, Station Name, Time, Azimuth, Phase ID, and Residual. Includes stations like Jayapura, Urewera, and various other seismic stations.

Table with columns: Code, Station Name, Time, Azimuth, Phase ID, and Residual. Includes stations like Yonagunijimaku, Kurchatov, and various other seismic stations.

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	LZH	LZH	LZH
CLL	Colim	82.75	324	eP	P	13 59 38.0	-1.1			
CLL	Colim	82.75	324	eP	P	14 02 40.0	-0.6			
CLL	Colim	82.75	324	eP	P	14 09 57.0	+0.8			
CLL	Colim	82.75	324	eP	P	14 10 47.0	+0.2			
CLL	Colim	82.75	324	eP	P	14 15 18.0	+0.3			
CLL	Colim	82.75	324	eP	P	14 18 36.0	0.0			
CLL	Colim	82.75	324	eP	P	14 21 24.0	0.0			
CLL	Colim	82.75	324	eP	P	14 40 00.0	0.0			
KHC	Kasperske Hory	83.54	322	eP	P	13 59 43.1	-0.2			
GERES	GERESS Array B	83.62	321	P	P	13 59 42.9	-0.9			
GERES	GERES	83.62	321	P	P	14 41 04.6	0.0			
BLKN	Baker Lake	86.04	16	Iamb	Iamb	13 59 55.1	0.0			
BORG	Borgarnes	86.64	346	LR	LR	14 42 55.1	0.0			
LODK	Lodwar	86.76	272	P	P	13 59 59.1	-0.9			
LODK	Lodwar	86.76	272	P	P	14 00 02.5	0.0			
DAVOS	Davos/Dischmat	86.90	321	LR	LR	14 43 59.6	0.0			
EKA	Eskdalemuir Ar	88.10	333	LR	LR	14 41 27.2	0.0			
SFJD	Kangerlussuaq	88.39	358	LR	LR	14 44 01.1	0.0			
MXC	Moxie City	88.65	38	Iamb	Iamb	14 00 10.4	0.0			
VAE	Valguarnera	88.97	311	LR	LR	14 45 02.8	0.0			
NEW	Newport	89.38	36	Iamb	Iamb	14 00 13.6	0.0			
FRB	Frøbisier Bay	91.27	5	LR	LR	14 42 08.8	0.0			
CASY	Casey	91.30	185	P	P	14 00 21.3	+1.2			
BMO	Blue Mountains	91.36	38	Iamb	Iamb	14 00 31.7	0.0			
J08A	Circle Bar Ran	91.59	40	Iamb	Iamb	14 00 41.0	0.0			
FFC	Flin Flon	91.78	24	P	P	14 00 22.5	-0.4			
FFC	Flin Flon	91.78	24	P	P	14 00 22.5	-0.4			
PLID	Pearl Lake	91.95	38	Iamb	Iamb	14 00 40.5	0.0			
WVOR	Wild Horse Val	92.05	41	P	P	14 00 24.9	+0.3			
WVOR	Wild Horse Val	92.05	41	P	P	14 00 27.6	0.0			
WVOR	Wild Horse Val	92.05	41	P	P	14 00 24.9	+0.3			
WVOR	Wild Horse Val	92.05	41	P	P	14 00 27.6	0.0			
MBAR	Mbarara	92.62	271	eP	P	14 00 28.4	+0.6			
KEST	Kesra	93.35	312	LR	LR	14 47 01.4	0.0			
BOZ	Bozeman (W)	93.98	35	Iamb	Iamb	14 00 59.5	0.0			
KVN	Kaiserville	94.40	43	P	P	14 00 35.6	0.0			
KVN	Kaiserville	94.40	43	P	P	14 00 35.6	0.0			
NVAR	Minna Array Bea	94.64	44	P	P	14 00 36.7	-0.1			
PPT2	Papeete2	94.65	107	eLR	LR	14 30 59.8	0.0			
PPT2	Papeete2	94.65	107	eLR	LR	14 31 07.8	0.0			
YHL	Yegheh Lake	94.71	36	Iamb	Iamb	14 00 38.9	0.0			
ELK	Elko	95.10	41	P	P	14 00 38.5	-0.3			
ELK	Elko	95.10	41	P	P	14 00 54.1	0.0			
ELK	Elko	95.10	41	P	P	14 00 38.5	-0.3			
PDAR	Pineda Array	96.98	36	LR	LR	14 46 35.5	0.0			
ULM	Lac du Bonnet	97.61	24	LR	LR	14 51 46.1	0.0			
PFO	Phyney Plate O	98.79	47	LR	LR	14 43 37.5	0.0			
ESDC	Sonsea Array	99.21	322	LR	LR	14 50 58.3	0.0			
TAOE	Nuku Hiva Isla	99.53	95	eLR	LR	14 33 18.9	0.0			
MVO	Morcorvo	99.86	324	eLR	LR	14 40 12.4	0.0			
PGAV	Gaviera, Arco	99.93	326	eLR	LR	14 38 37.9	0.0			
PGAV	Gaviera, Arco	99.93	326	eLR	LR	14 51 08.0	0.0			
MTE	Manteigas	100.67	324	eLR	LR	14 39 32.1	0.0			
MTE	Manteigas	100.67	324	eLR	LR	14 51 27.8	0.0			
PMRV	Marv??o	101.28	323	eLR	LR	14 40 17.2	0.0			
PMRV	Marv??o	101.28	323	eLR	LR	14 53 59.3	0.0			
PVAO	Vaqueiros	102.90	322	eLR	LR	14 40 53.3	0.0			
PVAO	Vaqueiros	102.90	322	eLR	LR	14 55 02.6	0.0			
VNA2	Neumayer-Watz	126.07	198	PKPpdf	PKPpdf	14 06 16.7	+0.1			
VNA3	Neumayer Olymp	126.52	197	PKPpdf	PKPpdf	14 06 17.9	-0.1			
SDV	Santo Domingo	143.86	24	PKPbc	PKPbc	14 06 49.2	0.0			
SDV	Santo Domingo	143.86	24	PKPbc	PKPbc	14 06 49.8	+0.6			
OTAV	Otavallo	147.37	44	PKPbc	PKPbc	14 06 59.1	+1.1			
OTAV	Otavallo	147.37	44	PKPbc	PKPbc	14 06 59.1	+1.1			
CLDB	Colider	166.14	356	eP	P	14 07 20.9	-0.3			
LPAZ	La Paz	166.33	54	PKP	PKP	14 07 22.5	+0.5			
LPAZ	La Paz	166.33	54	PKP	PKP	14 07 23.6	+1.7			
LPAZ	La Paz	166.33	54	PKP	PKP	14 07 23.7	+1.7			
ARAG	Araguanaia, MT	169.83	33	eP	P	14 07 23.1	+1.1			
PTLB	Pontes e Lacer	170.42	15	eP	P	14 07 23.9	+0.3			
SALV	Santo Antonio	171.11	354	eP	P	14 07 24.2	-0.1			
BBSD	Serra de San D	171.58	27	eP	P	14 07 24.2	-0.1			
MURT	Porto Martinho	176.76	16	eP	P	14 07 25.6	+0.4			

IDC 15 13:55:26.4±2.2, 24°91'N:123°51'E, h0km, mb3.6/4,
 mbmp3.6/4, Error ellipse: s-maj=167.6km s-min=22.5km
 az=65.0
 JMA 15 13:55:28.0±0.1, 24°91'N:123°46.0'E, h31km, mb3.6/4,
 MBV2.9/8, NW OFF ISHIGAKIUMA IS
 ISC 15 13:55:28.0±0.1, 24°84'N:123°39'E, h0km, n11,
 c065/14, mb3.7/4, Southwestern Ryukyu Islands

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	LZH	LZH	LZH
YOJ	Yonaguni jima	0.51	223	P	Pg	13 55 38.6	+0.6			
YOJ	Yonaguni jima	0.51	223	P	Pg	13 55 46.2	-0.5			
YJNG	Yonagunijimaku	0.56	226	P	Pg	13 55 39.4	+0.4			
YJNG	Yonagunijimaku	0.56	226	P	Pg	13 55 47.4	-0.6			
IRIF	Iriomote-Funau	0.59	149	P	Pg	13 55 44.2	-0.2			
JKRS	Kuro-shima	0.82	137	eP	Pg	13 55 44.2	-0.2			
JKRS	Kuro-shima	0.82	137	eP	Pg	13 55 55.5	+0.7			
HATJ	Hateruma jima	0.87	154	eP	Pg	13 55 44.7	-0.4			
JISG	Ishigakijimahi	0.95	147	eP	Pg	13 55 56.4	+0.1			
SONM	Songino Array	26.60	334	P	P	14 01 06.1	-0.5			
MKAR	Makanchi Array	39.29	314	P	P	14 02 57.3	+0.2			
WRA	Warramunga Arr	45.77	166	P	P	14 03 40.9	-0.9			
ASAR	Alice Springs	49.28	167	P	P	14 04 18.5	+1.2			

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	LZH	LZH	LZH
VNDA	Vanda	19.84	204	Op	ISC	14 05 09.0	+0.1			
VNDA	Vanda	19.84	204	Op	ISC	14 10 34.2	0.0			
QSPA	South Pole Qui	27.93	180	LR	LR	14 16 01.4	0.0			
PMSA	Palmer Station	38.54	137	LR	LR	14 21 35.1	0.0			
SNAA	Sanaz	45.37	169	LR	LR	14 26 49.1	0.0			
H03S2	Juan Fernandez	55.97	99	T	T	15 11 16.8	0.0			
H03S1	Juan Fernandez	55.97	99	T	T	15 11 19.3	0.0			
H03S3	Juan Fernandez	55.98	99	T	T	15 11 23.5	0.0			
H01W1	Cape Leeuwin H	58.58	254	T	T	15 14 07.6	0.0			
H01W2	Cape Leeuwin H	58.59	254	T	T	15 14 05.4	0.0			
H01W3	Cape Leeuwin H	58.60	254	T	T	15 14 06.5	0.0			
ASAR	Alice Springs	58.88	278	P	P	14 10 37.1	-0.4			
WRA	Warramunga Arr	61.89	281	P	P	14 10 58.4	+0.3			
KURBB	Kurchatov Arr	147.47	276	PKPbc	PKPbc	14 20 20.9	-0.7			

IDC 15 14:01:35.3±1.2, 61°91'S:158°38'W, h0km, mb3.9/6,
 mbmp3.9/6, Error ellipse: s-maj=48.6km s-min=25.0km
 az=13.0
 ISC 15 14:01:36.9±1.1, 61°91'S:158°41'W, h20km, n15,
 c054/6, mb4.0/5, Pacific-Antarctic Ridge

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res	ISC	LZH	LZH	LZH
VNDA	Vanda	20.11	204	Op	ISC	14 06 10.4	+0.1			
STKA	Stephens Creek	48.37	280	P	P	14 10 18.5	-0.1			
H03S2	Juan Fernandez	55.93	99	T	T	15 12 18.1	0.0			
H03S1	Juan Fernandez	55.94	99	T	T	15 12 25.8	0.0			
H03S3	Juan Fernandez	55.95	99	T	T	15 12 17.6	0.0			
H03N3	Juan Fernandez	56.25	99	T	T	15 12 42.6	0.0			
H03N2	Juan Fernandez	56.26	99	T	T	15 12 46.4	0.0			
H03N1	Juan Fernandez	56.27	99	T	T	15 12 37.5	0.0			
H01W1	Cape Leeuwin H	58.73	254	T	T	15 15 05.5	0.0			
H01W2	Cape Leeuwin H	58.73	254	T	T	15 15 10.6	0.0			
H01W3	Cape Leeuwin H	58.75	254	T	T	15 15 08.5	0.0			
ASAR	Alice Springs	58.91	278	P	P	14 11 35.5	-0.5			
WRA	Warramunga Arr	61.91	280	P	P	14 11 57.3	+0.8			
CPUP	Villa Florida	72.12	112	P	P	14 13 01.3	0.0			
LPAZ	La Paz	75.92	98	P	P	14 13 24.3	0.0			

15d 15h

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

IDC 15:14:22:30.8, 0.2, 62.12Sx158.53W, h0km, mb4.2/7, mbtmp4.1/8, ML3.8/11, MS4.3/27, Error ellipse: s-maj=31.4km s-min=21.1km az=20.0

NEIC 15:14:22:32.5, 2.1, 62.3Sx0.2x158.7W, 0.3, h10km, 1km, mb4.7/13, Error ellipse: s-maj=31.9km s-min=18.7km az=26.0

GCMT 15:14:22:34.5, 0.2, 62.54Sx0.101x158.94W, 0.03, h12km, MW5.0/114, Moment Tensor Solution. s30.C6; s114.c178; Duration: 0 Moment tensor: Scale 1016Nm; Mn=0.35±.11; Mps=3.55±.10; Mps=3.20±.09; Mps=0.37±.29; Mps=1.47±.09; Mps=0.85±.29; Best double couple: Mc3.80600x1016 NP1.0x214.00000°, delta78.00000°, lambda-171.00000°. NP2.0x122.00000°, delta81.00000°, lambda-13.00000°. Principal axes: T 3.8650, Plg3.0000, Azm169.0000; N -0.1200, Plg75.0000; Azm268.0000; P -3.7470, Plg15.0000; Azm78.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 15:14:22:32.0, 0.7, 62.22Sx0.1x158.7W, 0.1, h10km, n57, ic1506/27, mb4.4/10, MS4.3/27, Pacific-Antarctic Ridge

Main table of station data for the first section, including codes like SBA, VNSA, VNSA, etc.

Table with columns: ILAR, Elvelon Array, 126.98 6 PKP, PKIKP, 14 41 35.1 0.0, etc.

IDC 15:14:33:24.9, 0.7, 62.12Sx142.73E, h151km, 83km, mb3.4/7, mbtmp3.8/8, Error ellipse: s-maj=103.1km s-min=19.1km az=89.0

NEIC 15:14:33:25.7, 0.6, 62.19Sx0.1x142.8E, 0.1, h152km, 77km, mb4.2/21, Error ellipse: s-maj=20.8km s-min=13.6km az=138.0

ISC 15:14:33:24.9, 0.7, 62.19Sx0.101x142.69E, 0.09, h150km, n33, ic053/35, mb4.2/18, South of Mariana Islands

Main table of station data for the second section, including codes like GUMO, GUMO, GUMO, etc.

NNC 15:14:38:15.4, 1.6, 0.3634N, 70.28E, h0km, mb3.5, mpv3.0, 3C-1D, Error ellipse: s-maj=154.1km s-min=93.1km az=159.0, Hindu Kush region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KK31, KK31, AAK, etc.

IDC 15:14:39:12.6, 1.1, 9.58Sx156.04E, h0km, mb3.8/8, mbtmp3.8/9, ML4.0/11, MS3.7/7, Error ellipse: s-maj=36.2km s-min=22.8km az=113.0

NEIC 15:14:39:13.6, 0.8, 9.56Sx0.101x156.16E, 0.04, h8km, 5km, mb4.2/11, Error ellipse: s-maj=14.8km s-min=2.8km az=200.0

ISC 15:14:39:16.7, 0.6, 9.59Sx0.09x156.15E, 0.09, h35km, n35, ic078/27, mb3.9/12, MS4.2/5, Bougainville-Solomon Islands region

Main table of station data for the third section, including codes like HNR, HNR, KRVT, etc.

Table with columns: XMAS, Kiriritimati, 47.64 78 P P, 14 47 50.0 +0.1, etc.

IDC 15:15:09:52.7, 39.36N, 40.70E, h4km, ML2.4/8, AFAD 15:15:09:53.0, 39.39N, 40.68E, h7km, 3km, ML2.5

ISC 15:15:09:53.0, 0.9, 39.38N, 0.03x40.71E, 0.03, h10km, 8km, n14, ic058/23, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like KDAK, L16K, L16K, etc.

JMA 15:14:58:13.0, 0.0, 24.9N, 0.8x123.3E, 0.4, h29km, MV2.9/14, NW OFF ISHIGAKI/JMA IS

IDC 15:14:58:13.2, 2.2, 24.52N, 122.63E, h0km, mb3.3/4, mbtmp3.3/4, MS2.7/1, Error ellipse: s-maj=179.9km s-min=24.5km az=65.0

ISC 15:14:58:13.6, 1.6, 24.34N, 0.008x123.32E, 0.04, h12km, n11km, n15, ic067/22, mb3.3/4, Southwestern Ryukyu Islands

Main table of station data for the fourth section, including codes like YOJ, YOJ, YOJ, etc.

IDC 15:15:07:44.7, 3.2, 6.64N, 127.61E, h0km, mb3.1/3, mbtmp3.1/3, Error ellipse: s-maj=242.3km s-min=30.4km az=67.0

MAN 15:15:07:47.0, 6.34N, 127.51E, h12km, MS3.4

ISC 15:15:07:51.4, 1.4, 6.58N, 0.09x127.4E, 0.1, h47km, n9, ic1949/13, mb2.9/3, Philippine Islands region

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

ASAR Alice Springs 58.84 278 P P, 14 32 31.2 +0.4

WRA Warramunga Arr 56.33 219 P P, 14 44 22.6 +0.3

ISC 15:15:09:52.7, 39.36N, 40.70E, h4km, ML2.4/8

AFAD 15:15:09:53.0, 39.39N, 40.68E, h7km, 3km, ML2.5

ISC 15:15:09:53.0, 0.9, 39.38N, 0.03x40.71E, 0.03, h10km, 8km, n14, ic058/23, Turkey

Main table of station data for the fifth section, including codes like YEDI, YEDI, KARO, etc.

15d 16h

Peninsula, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like APSI Ampana, GTOI Gorontalo, PCI Palu, etc.

DJA 15 16:34:24.3, 0.2, S, 12.3E, h10km, M4.1/30, mB5.1/1, mb4.6/7, MLv9.3/30, Mw(MB)4.5/1, Sulawesi

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like LUWI Luwuk, APSI Ampana, KKSII Kolaka, etc.

IDC 15 16:37:47.0, 1.4, 33.48N, 75.83E, h0km, mb3.5/7, mbmp3.4/10, ML2.9/3, MS3.1/1, Error ellipse: s-maj=41.9km s-min=19.4km az=61.0

NDI 15 16:37:50.3, 3.1, 33.54N, 75.61E, h10km, ML3.3, MW3.3, Presumed earthquake

ISC 15 16:37:52.0, 1.3, 33.59N, 0.05, 75.59E, 0.06, h36km, 2km, n21, c280/29, mb3.5/7, Eastern Kashmir

Main table for station data with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like TSSA Tissa, JMU Jammu, THN Thein Dam, etc.

PLV 15 16:43:16.1, 2.1, 22.54N, 102.67E, h2km, 12km, ML3.4, Fault plane solution: NP10, 133.60000, 878.10000, 1.106.70000, Presumed earthquake

IDC 15 16:43:16.1, 1.6, 22.47N, 102.73E, h0km, mb3.3/3, mbmp3.2/4, ML3.6/1, Error ellipse: s-maj=29.3km s-min=23.9km az=122.0

ISC 15 16:43:17.2, 1.0, 22.41N, 0.08, 102.63E, 0.07, h10km, n11, c0594/14, mb3.3/3, C, Yunnan

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like DBV Dienbien, SPV Sa-pa, MLVB It Ong, etc.

2020 JUN

Table with columns: CMAP, Station Name, Az, Az2, Phase ID, Time, Res. Includes Chiang Mai Arr, Makanchi Array, Warramunga Arr, etc.

NEIC 15 16:48:47.1, 0.1, 18.05N, 0.04, 67.63W, 0.02, h10km, 2km, ML3.0/37, Md3.5/12(RSPR), Error ellipse: s-maj=7.5km s-min=3.0km az=207.0

RSPR 15 16:48:49.9, 18.92N, 67.68W, h8km, 2km, MD3.5/12 O SPL 15 16:48:49.3, 1.5, 19.03N, 67.71W, h12km, 464km, ML3.3, Presumed earthquake

ISC 15 16:48:46.8, 1.7, 19.02N, 0.08, 67.61W, 0.03, h6km, 11km, n49, c0599/76, 20C-14Z, Mona Passage

Main table for station data with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like IDE Isla Desecheo, AGPR Aguadilla, PCDR Punta Cana, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes YEDI Yedisu-Bingol, KARO Karliova-Bingo, ECAT Cat-ERZURUM, etc.

mbmp3.7/23, ML3.3/9, MS3.0/9, Error ellipse: s-maj=14.2km s-min=7.7km az=169.0

AFAD 15 16:52:36.0, 39.37N, 40.67E, h7km, 2km, MW3.8 NEIC 15 16:52:37.9, 1.8, 39.44N, 0.04, 40.64E, 0.07, h6km, 5km, mb4.5/13, Error ellipse: s-maj=8.4km s-min=5.1km az=71.0

ISC 15 16:52:36.3, 1.1, 39.39N, 0.02, 40.68E, 0.02, h2km, 7km, n93, c1924/107, mb4.0/18, MS2.9/5, Turkey

Main table for station data with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like YEDI Yedisu-Bingol, KARO Karliova-Bingo, ECAT Cat-ERZURUM, etc.

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

Table with columns for station call letters, frequency, and other technical details. Includes stations like OJC, ULM, NIE, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like RM33, GIGS, TERO, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like GTOI, LUWI, APSI, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like CATAC, RM33, GIGS, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like GTOI, LUWI, APSI, etc.

Table with columns for station call letters, frequency, and other technical details. Includes stations like GTOI, LUWI, APSI, etc.

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Table with columns for station call letters, frequency, and other technical details. Includes stations like GTOI, LUWI, APSI, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like BNX, CHTO, CMAR, HIA, etc.

Table with columns: Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like E21K, ACHA, D23K, H22K, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like IRIF, JKRIS, JKSRS, etc.

2020 JUN

15d 17h

Table with columns for station name, frequency, polarization, and location. Includes stations like ARHZ Aropoanui, WHIT Whakaora, KUTZ Kaahu Road, etc., and continues through various international stations like BELA, MAW, MAW, etc.

IDC 17:43:58.5, 3.0, 5.36S, 131°31'E, h62km, 30km, mb.3/2/3, mbmp3.57, ML3.6/4, Error ellipse: s-maj=86.6km s-min=20.6km az=83.0 DJA 17:43:59.0, 0.3, 5.3, 131°22'E, h124km, 6km, M4, 2/21

mB5.1/1, mb4.4/8, MLv4.1/21, Mw(mB)4.1/4

ISC 15 17:43:58.5, 0.8, 5.425, 0.06, 131.66E, 0.07, h100km, n17, s36/22, mb3.4/3, Banda Sea

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like BNDI, FAKI, KMPI, etc.

DJA 15 17:52:15.7, 0.3, 9.5, 3.11, 8E, h10km, M3.8/17, mb3.7/5, MLv3.8/17, Sumbawa region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like PLAI, DBNI, WBSI, etc.

IDC 15 18:21:36.2, 0.9, 2.4, 80N, 123.22E, h0km, mb3.7/10, mbtmp3.7/13, ML3.1/3, MS3.1/6, Error ellipse: s-maj=24.11km, s-min=17.2km, az=63.0

JMA 15 18:21:38.1, 0.2, 2.4, 9N, 0.8, 123.47E, 0.3, h27km, MD4.3/13, MV3.3/13, NW OFF ISHIGAKIJIMA IS

NIED 15 18:21:38.1, 0.2, 2.4, 9N, 0.8, 123.47E, h27km, MW4.1, Moment Tensor Solution. s2 Moment tensor: Scale 10^15Nm; Mn=0.80; Ms=1.12; Mw=0.32; Mo=0.91; Mx=0.66; My=0.42; Fault plane solution: M=1.48000x10^15 NP2; 64.00000, -86.70000, -1.950000

ISC 15 18:21:39.1, 1.1, 2.4, 24.83N, 0.07, 123.38E, 0.04, h22km, 13km, n25, c0.95/27, mb3.7/9, MS3.3/4, Southwestern Ryukyu Islands

Large table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like YOJ, YJNG, KRSR, etc.

comp=E, 1.6nm, 0.8s, baz=303, slow=6.0, SNR=2.8

comp=E, 1.6nm, 0.8s

IDC 15 18:29:01.2, 37.0, 19.78S, 178.23W, h598km, 398km, mb2.8/4, mbtmp3.8/4, MS3.0/1, Error ellipse: s-maj=329.8km, s-min=94.3km, az=128.0, Fiji Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like MSVF, CTA, ASAR, WRA, ILAR.

NIED 15 18:32:22.2, 2.4, 94N, 123.31E, h10km, MW4.2, Moment Tensor Solution. s2 Moment tensor: Scale 10^15Nm; Mn=2.44; Ms=1.78; Mw=0.67; Mo=1.9; Mx=0.13; My=0.92; Fault plane solution: M2.26000x10^15 NP1; 85.00000, 84.20000, -1.120000; NP2; 294.00000, 851.00000, -71.00000

JMA 15 18:32:22.2, 2.4, 94N, 0.7, 123.3E, 0.5, h10km, 4km, MD4.7/14, MV3.2/14, NW OFF ISHIGAKIJIMA IS

IDC 15 18:32:23.2, 1.2, 2.4, 67N, 122.95E, h0km, mb3.7/8, mbtmp3.7/9, ML2.9/1, MS3.4/2, Error ellipse: s-maj=40.2km, s-min=18.6km, az=69.0

ISC 15 18:32:27.1, 1.5, 24.91N, 0.07, 123.34E, 0.03, h8km, 11km, n46, c1.04/32, mb3.8/8, MS3.4/16, Southwestern Ryukyu Islands

Large table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like YOJ, YJNG, KRSR, etc.

MNI 18 34 45.5 +1.0 S Sn

SGSI Sangihe 2.62 326 P Pn

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

JMA 15 18:42:14.1, 0.3, 2.4, 9N, 0.9, 123.3E, 0.5, h15km, 4km, MD4.3/11, MV3.1/11, NW OFF ISHIGAKIJIMA IS

IDC 15 18:42:23.9, 1.2, 2.4, 77N, 123.16E, h0km, mb3.6/8, mbtmp3.6/9, ML2.6/11, MS2.9/7, Error ellipse: s-maj=40.9km, s-min=19.1km, az=63.0

ISC 15 18:42:15.5, 1.2, 24.83N, 0.08, 123.32E, 0.03, h11km, 13km, n29, c1.49/19, mb3.6/8, MS2.9/3, Southwestern Ryukyu Islands

Large table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC. Lists stations like YOJ, YJNG, KRSR, etc.

KSHT	Keshet	8.40	97	P	Pn	20 14 59.6	+0.5
KSHT						20 16 32.8	-0.6
RMIN	Mount Ramon	8.40	114	S	Pn	20 14 58.4	-0.7
DSI	Dead Sea	8.46	107	S	Pn	20 16 31.0	-0.5
DSI						20 14 59.3	-0.7
DSI	Dead Sea	8.46	107	S	Pn	20 16 33.0	+1.9
VTY	Vitosha	8.45	107	P	Pb	20 15 00.5	+0.5
BEIL	Beino	8.52	86	eP	Pb	20 15 13.7	-1.1
MSBI	Mazada	8.54	108	S	Pn	20 14 59.5	-1.3
MSBI						20 16 34.8	-2.1
MSBI	Mazada	8.54	108	S	Pn	20 15 01.6	+0.6
KRMI	Paran Flat	8.61	117	P	Pn	20 15 01.1	-0.9
IDAN	Idan	8.68	111	P	Pn	20 15 02.0	-1.0
IDAN						20 16 37.8	-2.5
PRNI	Paran	8.70	115	P	Pn	20 15 02.6	-0.7
PRNI						20 16 38.3	-2.5
PRNI	Paran	8.70	115	P	Pn	20 15 03.7	+0.4
GHAJ	Ghor Haditha	8.71	108	P	Pn	20 15 01.9	-1.5
GHAJ	Ghor Haditha	8.71	108	P	Pn	20 15 02.8	-0.5
GHAJ	Ghor Haditha	8.71	108	P	Pn	20 16 38.7	-2.3
GHAJ	Ghor Haditha	8.71	108	P	Pn	20 15 03.9	+0.6
ZFRI	Zfiri	8.73	113	P	Pn	20 15 04.1	+0.4
TIP	Timpagrade	8.74	306	P	Pn	20 15 03.0	-0.9
TIP	Timpagrade	8.74	306	P	Pn	20 15 04.3	+0.4
HRFI	Mount Harif	8.88	117	P	Pn	20 15 04.8	-1.0
HRFI						20 16 42.7	-2.7
HRFI	Mount Harif	8.88	117	P	Pn	20 15 06.1	+0.3
HSUJ	Al Zarga	8.93	102	P	Pn	20 15 07.0	+0.5
CEL	Celeste	8.94	299	Pn	Pn	20 15 07.0	+0.5
CEL	Celeste	8.94	299	Pn	Pn	20 15 06.6	+0.1
EIL	Elat	9.02	119	Pn	Pn	20 15 07.2	-0.4
EIL	Elat	9.02	119	Pn	Pn	20 16 47.1	-1.5
EIL	Elat	9.02	119	Pn	Pn	20 15 06.6	-1.0
EIL	Elat	9.02	119	Pn	Pn	20 16 45.4	-3.2
EIL	Elat	9.02	119	Pn	Pn	20 15 08.0	+0.4
AQBJ	Aqaba	9.06	118	P	Pn	20 15 08.7	+0.6
SWQJ	Swaqa	9.12	107	P	Pn	20 15 09.2	+0.1
MPEP	Malo Peshiteh	9.12	350	P	Pn	20 15 12.9	+3.9
BNN	Bunyan	9.18	58	P	Pn	20 15 09.3	-0.5
HSNJ	Maan	9.26	114	P	Pn	20 15 11.4	+0.3
ASF	Jabal al Asfar	9.49	100	Pn	Pn	20 15 12.9	-1.1
ASF	Jabal al Asfar	9.49	100	Pn	Pn	20 15 13.0	-1.1
ASF	Jabal al Asfar	9.49	100	Pn	Pn	20 15 14.0	-0.1
ASF	Jabal al Asfar	9.49	100	Pn	Pn	20 15 17.2	-0.7
ASF	Jabal al Asfar	9.49	100	Pn	Pn	20 15 20.4	+2.0
VAE	Raffo Rosso	9.77	290	Pn	Pn	20 15 17.2	-0.7
VAE	Valguarona	9.80	292	Pn	Pn	20 15 20.4	+2.0
VAE						20 17 00.7	-7.2
VAE						20 20 21.4	
ISR	Istrita	10.75	3	LR	LR	20 15 33.5	+2.2
SGRT	San Giovanni R	10.86	316	Pn	Pn	20 15 33.5	+0.7
VOIR		10.87	357	P	Pn	20 15 37.8	+2.1
MLR	Muntele Rosu	11.11	0	Pn	Pn	20 15 36.9	+0.7
MLR	Muntele Rosu	11.11	0	Pn	Pn	20 15 38.3	+2.0
VRI	Wrinciozia	11.50	3	P	Pn	20 15 43.8	+2.3
GHRH	Introdacqua	11.73	5	Pn	Pn	20 15 47.0	+2.3
INTR	Tescari	12.11	313	P	Pn	20 15 50.9	+0.9
TESR	Tescari	12.14	3	P	Pn	20 15 52.6	+2.3
SIM	Simeferopol	12.32	29	P	Pn	20 15 55.9	+3.2
SIM						20 17 00.7	-7.2
AQU	L'Aquila	12.61	313	P	Pn	20 15 57.9	+1.1
NE56	Odesa	12.87	16	P	Pn	20 16 02.5	+2.3
KOFT	Kop Dagaj	12.94	60	P	Pn	20 16 01.1	-0.4
MORH	Mrgy, Hungar	13.04	337	P	Pn	20 16 04.5	+1.9
NRCA	Norcia	13.06	314	Pn	Pn	20 16 02.1	-0.9
KEST	Kesra	13.61	280	Pn	Pn	20 16 10.9	+0.4
KEST						20 22 05.3	
SOC	Sochi	14.14	45	eP	Pn	20 16 17.5	-0.2
SOC						20 18 55.4	
KMPD	K-Podolskiy	14.19	2	P	Pn	20 16 20.6	+2.4
MLPH	Magyarpolny	14.25	336	P	Pn	20 16 21.0	+1.9
PSZ	Piszkesteto	14.26	343	P	Pn	20 16 19.9	+0.7
PSZ	Piszkesteto	14.26	343	P	Pn	20 16 19.9	+0.7
SOKA	Soboth	14.78	329	eP	P	20 16 34.4	+2.1
OBKA	Obir	14.86	328	eP	P	20 16 34.0	+0.9
ARSA	Arzberg	15.04	332	iP	P	20 16 36.0	+0.9
RONA	Rosalia, Austr	15.13	334	iPn	Pn	20 16 32.3	+1.2
STHS	Stebnicka Huta	15.42	349	eP	P	20 16 40.0	+0.7
STHS	Stebnicka Huta	15.42	349	eP	P	20 16 40.0	+0.7
KWP	Kalwaria Pavia	15.43	352	P	Pn	20 16 37.1	+2.2
CONA	Conrad Observa	15.48	334	ePn	Pn	20 16 37.6	+1.9
STAL	STALIGIAL	15.52	324	P	Pn	20 16 36.8	+0.6
NIE	Niedzica	15.59	346	P	Pn	20 16 39.1	+2.0
LUBAR	Lubar, Ukraine	15.60	5	P	P	20 16 39.4	-1.8
KBA	Koelnbreinsper	15.83	327	iP	P	20 16 44.5	+0.6
CTI	Castel Tesino	15.91	321	Pn	Pn	20 16 41.2	-0.1
CTI	Castel Tesino	15.91	321	Pn	Pn	20 16 41.2	-0.1
CTI						20 16 46.6	+1.1
ABTA	Abfaltersbach	15.97	325	eP	P	20 16 43.9	+1.1
SHAI	Shidzhatmaz	16.02	49	eP	Pn	20 16 47.7	+1.7
MOA	Molin	16.03	331	iP	P	20 16 47.7	+1.7
GNI	Garni	16.08	63	LR	LR	20 24 20.7	
KIV	Kislovodsk	16.15	49	Pn	Pn	20 16 44.0	-0.3
KIV	Kislovodsk	16.15	49	eP	Pn	20 16 45.1	+0.8
KIV						20 16 57.0	
KIV	Kislovodsk	16.15	49	P	Pn	20 16 46.0	+1.7
KBZ	Khabaz	16.17	50	Pn	Pn	20 16 46.4	-1.1
KBZ	Khabaz	16.17	50	iP	Pn	20 16 44.8	+0.4
SALO	Salr	16.23	318	P	Pn	20 16 44.2	-1.1
KRUC	Krakovsky	16.27	337	ePn	Pn	20 16 46.3	+0.5
AK07	Malin Array Si	16.35	8	P	Pn	20 16 49.0	-0.6
AK06	Malin Array Si	16.39	8	P	Pn	20 16 49.4	-0.5

LESA	Schwarzleotal	16.39	327	eP	P	20 16 51.4	+1.3
AK13	Malin Array Si	16.40	7	P	P	20 16 49.6	-0.5
AK10	Malin Array Si	16.40	8	P	P	20 16 49.7	-0.4
AK05	Malin Array Si	16.42	8	P	P	20 16 49.9	-0.4
AK14	Malin Array Si	16.42	7	P	P	20 16 49.9	-0.4
AK09	Malin Array Si	16.42	8	P	P	20 16 49.9	-0.5
VRAC	Vranov	16.43	338	Pn	P	20 16 50.0	-0.4
VRAC	Vranov	16.43	338	ePn	P	20 16 48.2	+0.4
AK12	Malin Array Si	16.44	7	P	P	20 16 49.9	-0.6
AK08	Malin Array Si	16.44	8	P	P	20 16 49.9	-0.6
OJC	Ojcow	16.45	346	P	Pn	20 16 49.4	+1.3
AK02	Malin Array Si	16.46	8	P	P	20 16 50.0	-0.7
AK16	Malin Array Si	16.46	7	P	P	20 16 50.0	-0.7
AK17	Malin Array Si	16.47	7	P	P	20 16 50.2	-0.7
AK11	Malin Array Si	16.47	7	P	P	20 16 50.2	-0.7
AK15	Malin Array Si	16.49	7	P	P	20 16 50.4	-0.6
AK01	Malin Array Si	16.49	7	P	P	20 16 50.5	-0.6
NCK	Nalchik	16.50	51	iP	P	20 16 50.7	-0.6
AK19	Malin Array Si	16.50	7	P	P	20 16 50.6	-0.6
AKASG	Malin Array Be	16.50	8	Pn	Pn	20 16 49.1	+0.4
AKASG	Malin Array Be	16.50	8	Pn	Pn	20 16 49.3	-7.5
AKASG	Malin Array Be	16.50	8	Pn	Pn	20 16 48.3	-0.4
AKASG	Malin Array Be	16.50	8	Pn	Pn	20 16 48.3	-0.4
AKASG	Malin Array Be	16.50	8	Pn	Pn	20 16 49.6	+0.9
AK18	Malin Array Si	16.51	7	P	P	20 16 50.6	-0.7
AK04	Malin Array Si	16.52	7	P	P	20 16 50.8	-0.6
AK03	Malin Array Si	16.53	7	P	P	20 16 51.1	-0.4
AK22	Malin Array Si	16.55	7	P	P	20 16 51.3	-0.4
AK23	Malin Array Si	16.55	7	P	P	20 16 51.4	-0.4
AK21	Malin Array Si	16.56	7	P	P	20 16 51.5	-0.3
MORC	Moravsky Berou	16.57	341	P	Pn	20 16 49.4	-0.3
MORC	Moravsky Berou	16.57	341	P	Pn	20 16 49.4	-0.3
MORC	Moravsky Berou	16.57	341	P	Pn	20 16 49.1	-0.6
WTTA	Wattenberg	16.76	324	iP	Pn	20 16 54.0	-0.3
CKRC	Cesky Krumlov	16.80	333	eP	AMS	20 16 55.6	+1.0
CKRC						20 24 50.0	
WATA	Walderalm	16.84	325	iPn	P	20 16 54.8	-0.3
RNPP5	Staryi Chortor	16.85	0	P	P	20 16 54.8	-0.3
SQTA	Sankt Quirin	16.93	324	eP	P	20 16 58.3	+2.1
GOF	Gofitskoye	16.95	46eP	P	P	20 16 57.1	+0.9
RNPP8	Varash	16.96	360	P	P	20 16 56.6	-0.0
FUORN	Ofenpass-Fuorn	17.01	321	Pn	Pn	20 16 55.1	-0.3
FUORN						20 17 02.5	
RNPP9	Sopachiv	17.03	0	P	P	20 16 56.9	-0.2
FETA	Feichten	17.04	322	eP	P	20 16 58.8	+1.4
GECC	GERESS Array B	17.05	332	P	Pn	20 16 54.4	-1.4
GERES	GERESS Array B	17.05	332	P	Pn	20 16 55.7	-0.1
GERES						20 24 05.1	
GERES						20 16 57.6	+0.1
KRLC	Kraliky	17.05	340	eP	AMS	20 16 57.5	+0.1
KRLC						20 25 40.0	
MOTA	Mosalm	17.07	324	ePn	Pn	20 16 56.8	+0.7
DAVOX	Davos/Dischmat	17.32	320	P	P	20 17 00.7	+0.2
DAVOX						20 25 40.0	
DAVOX						20 16 57.8	+1.5
KHC	Kasperske Hory	17.33	332	iP	Pn	20 17 00.5	-0.0
KHC	Kasperske Hory	17.33	332	iP	Pn	20 17 01.6	+1.1
KHC	Kasperske Hory	17.33	332	eP	AMS	20 25 00.0	
KHC	Kasperske Hory	17.33	332	P	P	20 17 00.2	-0.3
RETA	Reutte	17.34	324	ePn	P	20 17 01.1	+0.4
TUE	Stuetta	17.41	319	P	Pn	20 17 01.0	+0.7
DPC	Dobruska-Polom	17.43	339	eP	AMS	20 17 01.8	+0.2
DPC						20 27 20.0	
DPC	Dobruska-Polom	17.43	339	P	P	20 17 01.8	+0.2
DAVA	Damus	17.64	322	iP	P	20 17 04.6	+0.5
SENIN	Lac Senin/Sane	18.49	316	P	Pn	20 17 13.3	-0.2
AKT	Akhty	18.62	61	P	P	20 17 16.9	+1.8
AKT						20 20 50.2	+3.9
AKT						20 17 15.5	-0.4
GRA1	Grafenberg Arr	18.73	329	P	IAMB	20 17 15.5	-0.4
GRF	Grafenberg Arr	18.73	329	P	P	20 17 15.5	-0.4
GRF						20 17 15.3	-2.5
MAK	Makhachkala	18.91	57	eS	Pn	20 17 16.1	-3.4
MAK						20 17 19.9	-0.3
BFO	Black Forest	19.12	322	P	IAMB	20 17 33.0	
BFO						20 17 3	

15d 21h

Table of astronomical observations for 15 days and 21 hours, listing station names, coordinates, and observation details.

2020 JUN

Table of astronomical observations for 2020 JUN, listing station names, coordinates, and observation details.

JMA 15 20:32:22.1-0.2, 25°11'N, 123°4E, 0.4, h17km, MV1.5/6, NW OFF ISHIGAKIJIMA IS, Southwestern Ryukyu Islands

Table of astronomical observations for JMA 15 20:32:22.1-0.2, 25°11'N, 123°4E, 0.4, h17km, MV1.5/6, NW OFF ISHIGAKIJIMA IS, Southwestern Ryukyu Islands.

TAP 15 20:32:56.5, 24°59'N, 121.74E, h8km, ML2.2, 9C, A, Taiwan

Table of astronomical observations for TAP 15 20:32:56.5, 24°59'N, 121.74E, h8km, ML2.2, 9C, A, Taiwan.

938

Table of astronomical observations for 938, listing station names, coordinates, and observation details.

IDC 15 20:33:42.8-3.7, 19.07S, 167.66E, h0km, mb4.0/4, mbtmp3.9/5, ML3.2/1, MS2.4/1, Error ellipse: s-maj=80.0km s-min=37.2km az=103.0, Vanuatu Islands region

Table of astronomical observations for IDC 15 20:33:42.8-3.7, 19.07S, 167.66E, h0km, mb4.0/4, mbtmp3.9/5, ML3.2/1, MS2.4/1, Error ellipse: s-maj=80.0km s-min=37.2km az=103.0, Vanuatu Islands region.

IDC 15 20:52:30.3-1.0, 5.81S, 131.2E, 0.2, h10km, n7, c290/10, mb3.7/3, Banda Sea

Table of astronomical observations for IDC 15 20:52:30.3-1.0, 5.81S, 131.2E, 0.2, h10km, n7, c290/10, mb3.7/3, Banda Sea.

WEL 15 20:56:14.6-0.7, 33°S, 8°18'E, h1, 2781km, 12km, M3.9/0, mB4.2/6, ML4.0/4, MLV4.3/10, Mw(mB)3.3/6, Error ellipse: s-maj=23.7km s-min=4.8km az=112.4, confirmed, South of Kermadec Islands

Table of astronomical observations for WEL 15 20:56:14.6-0.7, 33°S, 8°18'E, h1, 2781km, 12km, M3.9/0, mB4.2/6, ML4.0/4, MLV4.3/10, Mw(mB)3.3/6, Error ellipse: s-maj=23.7km s-min=4.8km az=112.4, confirmed, South of Kermadec Islands.

IDC 15 21:07:22.0-2.3, 25°00'N, 123°48'E, h0km, mb3.4/6, mbtmp3.4/6, MS3.4/1, Error ellipse: s-maj=174.5km s-min=20.9km az=65.0

Table of astronomical observations for IDC 15 21:07:22.0-2.3, 25°00'N, 123°48'E, h0km, mb3.4/6, mbtmp3.4/6, MS3.4/1, Error ellipse: s-maj=174.5km s-min=20.9km az=65.0.

JMA 15 21:07:23.8-0.2, 24°9'N, 0°8', 123°4E, 0.4, h26km, 4km, MV2.7/9, NW OFF ISHIGAKIJIMA IS

Table of astronomical observations for JMA 15 21:07:23.8-0.2, 24°9'N, 0°8', 123°4E, 0.4, h26km, 4km, MV2.7/9, NW OFF ISHIGAKIJIMA IS.

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

IDC 15 21:16:47.8:0.6,54.02N:166.94W,h0km,mb4.2/29, mbtmp4.2/31,ML3.9/3,MS3.5/3,Error ellipse: s-maj=17.7km s-min=10.9km az=172.0

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

Table with columns: CHGN, Chignik, Time, Res. Includes stations like ANPB, GSTR, O14K, ETKA, ADK, M11K, O15K, KIWB, N14K, etc.

Table with columns: H16K, G15K, SEW, SKT, SHEM, K20K, H17K, F14K, J19K, RCO1, TNA, G16K, PPLA, F15K, GCSA, G17K, L22K, H18K, PMR, J20K, P23K, CAST, KHK, CHUM, Q23K, I20K, SML, GLJ, G18K, H19K, TRF, M23K, F17K, SCM, WAT1, H20K, EYAK, G19K, F18K, WAT6, E17K, KLU, MCK, I21K, KAIM, M24K, DHY, H21K, F19K, MLY, BMRM, E18K, D17K, NEA2, N25K, HARP, G21K, F20K, H22K, I23K, PAX, E19K, C16K, CROM, COLA, HDA, TGL, K24K, H23K, MCARA, C17K, ILAR, ILAR, ILAR, ILAR, POKR, RIDG, RIDG.

15d 21h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like G22K Bettles, C18K Utukok River, GRNC Granite Creek, etc.

2020 JUN

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like N31M Braeburn, D25K Kavik River, I29M Ogilvie Camp, etc.

940

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like YAK Yakutsk, BEKR Beckworth, RES Resolva, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like D62A, BORG, BATG, LMN, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like RONA, MOTA, WATA, WTAA, etc.

GLI 15 21:24:21.4...0.36:146N:0:002:24:002E:0:001, h0km, Mvs3.6, confirmed. ISK 15 21:24:23.6, 36:76N:23:84E, h122km, 2km, ML3.0/8. ATH 15 21:24:24.0, 36:76N:23:77E, h128km, 2km, ML3.3/25. Latitude uncertainty: 0 km; Longitude uncertainty: 1 km. THE 15 21:24:24.5, 37:N:2:4E, h121km, 6km, M3.1/39, ML3.1/39. ISC 15 21:24:18.7-0.9, 36:73N:0:04:23:79E:0:04, h156km, 7km, n125, e291/155, Southern Greece.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like MHLO, MNVA, NPS1, etc.

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

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like JMA 15:21:30:14.5:0.2, 24N:2x141E+, h154km, MV4.2/16, IOTO ISLANDS REGION, Volcano Islands region.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like JH2, CB1J, BSO1, etc.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BOS, LBTB, FINES, NACGM, I28M, SPITS, MLR, BUR08, TAOE, SUW, SNA, SUR, NB2, NOA, CLL, TORD, TXAR, CPUP, LPAZ, DAMV.

SNET 15 23:52:11.2,45.0,14.73N:91.08W,h6km,ML3.7, Presumed earthquake. GCG 15 23:52:18.9,2.0,14.75N:90.94W,h6km,12km,MD4.1, ML4.0, Presumed earthquake. CATAC 15 23:52:19.6,0.2,15.2N:91.1W,h1km,M3.7/22, MLV3.7/22, Error ellipse: s-maj=3.7km s-min=2.2km az=30.1, confirmed. ISC 15 23:52:18.6,1.2,14.81N:0.03:90.91W:0.02,h3km,14km,n49,r136/61, Guatemala

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GCG4, ESSG, APG, STG8, STG2, FG8, FG15, HUEH, HUEH, HUEH, PCGS, RTAL, FAME, SLQZ, LOAL, NUBE, NUBE, NUBE, ZAFR2, ESQI, ESQI, MTO3, MTO3, MTO3, UNIC, CEVE, CEVE, JAYA, JAYA, CCIG, CCIG, CCIG, PMON, BOQS, UJES, SEMO, LLGN, UDBS, LALI, LALI, LOMA, SARH, LBR5, LFRS, PAVA, P5NO, COEG, PETF, PETF.

MOS 16 00:04:11.0,1.1,32.31N:48.93E,h12km,mb4.6/38, Error ellipse: s-maj=6.7km s-min=4.0km az=111.4. NEIC 16 00:04:12.5,1.6,32.36N:0.08:49.00E:0.09,h10km,1km, mb4.4/46, Error ellipse: s-maj=14.4km s-min=1.7km az=225.0. DSN 16 00:04:13.4,0.6,32.41N:48.98E,h10km,mb5.4/22,ML3.5/3, Error ellipse: s-maj=8.8km s-min=6.3km az=34.0. TEH 16 00:04:14.7,32.45N:48.96E,h15km,16km,ML4.3, Presumed earthquake. THR 16 00:04:14.5,0.0,32.47N:48.96E,h16km,3km,ML4.3, Presumed earthquake. IDC 16 00:04:17.3,2.2,32.55N:48.92E,h33km,15km,mb4.1/23, mbmp4.3/31,ML3.8/7,MS3.5/15, Error ellipse: s-maj=16.6km s-min=10.7km az=172.0. OMAN 16 00:04:18.0,0.9,31.97N:49.20E,h10km,mb4.5/33, ms3.1/7, Error ellipse: s-maj=8.7km s-min=6.7km az=36.0. ISC 16 00:04:14.7,0.3,32.37N:0.04:49.00E:0.4,h2km,az=95.0,r136/494,mb4.5/99,MS3.5/13,40C-23D, Western Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GTRM, AMIS, JHBN, IDOB, KHMZ, ZNGN, IPRI, IBRJ, IBZA, ASAO, IKLH, KCHR, IGAR, IALM, KLNJ, KLNJ, ILBA, IGHG, GHVR, IZEF, Zefreh, IQOM, SNGE, KRSH, HGHM, NASN, ISFB, OAB, KAZZ, THKV, CHTH, DAMV, IGZV, ZNJK, IFIR, YZKH, SRS, SAKB, SHRO, TABS, GEVA, MRVT, JRN, JRN, SBZV, GNI, GNI, GNI, GNI, BSRN, SLWR, SHME, SHME, BANOM, AKT, AKT, AKT, AKT, RAYN, RAYN, RAYN, RAYN, MASF, MASF, MSFE, AJN, AJN, AJN, AJN, NAZ, NAZ, NAZ, ASUD, ASUD, ASUD, MDH, MDH, MDH, FAQ, FAQ, FAQ, SHRT, MZWR, MZWR, MZWR, UOSS, UOSS, UOSS, HATD, HATD, HATD, ASHO, ASHO, ASHO, MZR, MZR, MZR.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ALNE, ALNE, ASF, ASF, ASF, GAZiantep, UMZA, ARQ, ARQ, ARQ, HOQ, HOQ, MOUNT, MMAL, BIDO, BIDO, SMDO, SMDO, KBZ, EIL, EIL, SHA1, WSAR, BNN, KVAR, KIV, KIV, KIV, TOKA, WBK, CSS, SOC, SOC, GOF, JLN, LBN, MHTO, BR104, BR131, BR131, BRTR, BRTR, BRTR, BRTR, BRTR, BRTR, DOK, DOK, DQM, ERBR, ERBR, ILGA, ILGA, WHFO, ANN, ANN, ANN, ANN, SHAO, SHAO, RBK, DMTD, ISP, ISP, ISP, ELL, ELL, ELL, MDUB, MDUB, SHAA, SHAA, SAHE, SIM, SIM, SIM, SIM, MANT, KARP, KARP, KARP, GAR, AB31, AKTO, MANEM, MANEM, VRH, VRH, VORD, VORD.

16d 0h

Table with columns for country codes (e.g., JURR, BELG, BELG), names (e.g., Juliofoca, Belogoroye), times, and performance metrics. Includes entries for various countries like Bulgaria, Belgium, and others.

2020 JUN

Table with columns for country codes (e.g., OBN, OBN, OBN), names (e.g., Obninsk, Obninsk), times, and performance metrics. Includes entries for various countries like Bulgaria, Belgium, and others.

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Table with columns for country codes (e.g., GERES, ARBE, KHC), names (e.g., Kasperske Hory, Kasperske Hory), times, and performance metrics. Includes entries for various countries like Germany, Austria, and others.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other technical details for various stations like KNGR, HYA, BER, MOL, etc.

Table listing stations such as H1N2 WAKE ISLAND, H1N1 WAKE ISLAND, H1H1 WAKE ISLAND, etc., with their respective frequencies and modes.

Table listing stations like YONAGUNI JIMA, YONAGUNIJIMAKU, IRIF, etc., with their frequencies and modes.

Table listing stations like WUTA, SAO, ANAU, SUAO, AOHUA, DATONG, NIODOU, etc., with their frequencies and modes.

Table listing stations like NIANGANCHIAO, EIOS, XIULIN TOWNSHI, DATONG, YEHUNG, SHUANGXI, etc., with their frequencies and modes.

Table listing stations like MAKUSHIN NATEE, MAKUSHIN REP'T, MAKUSHIN CIRQU, etc., with their frequencies and modes.

Table listing stations like UNALASKA VALLE, AKUTAN BROAD VA, AKUTAN ZERO, etc., with their frequencies and modes.

Table listing stations like DUTTON SOUTH F, DOLGOI ISLAND, PAVLOV NORTH-7, etc., with their frequencies and modes.

Table listing stations like KOROVIN SOUTH IS, KOROVIN FLAT P, VENIAMINOF F, etc., with their frequencies and modes.

Table listing stations like MOKORYU, UNGALIKTHUK R, KUSHIKAWAK CREEK, etc., with their frequencies and modes.

Table listing stations like PEULIK VOL, NIBAGAK RIVER, KWHETAK RIVER, etc., with their frequencies and modes.

Table listing stations like DONLIAN, BONANZA CREEK, ILIAMA VOLCAN, etc., with their frequencies and modes.

Table listing stations like MAKUSHIN NATEE, MAKUSHIN REP'T, MAKUSHIN CIRQU, etc., with their frequencies and modes.

Table listing stations like HAKOHINOUCHI, SAMMUTSUO, HITACHINAKAYAMA, etc., with their frequencies and modes.

Table listing stations like AKUTAN BROAD VA, AKUTAN ZERO, AKUTAN, etc., with their frequencies and modes.

Table listing stations like ALATNA RIVER, INDEPENDENT RI, UTUKOK RIVER, etc., with their frequencies and modes.

16d 1h

Table with columns: Station Name, Time, Res, Phase ID, ISC, h, m, s, ISC. Includes stations like B21K Ipkipuk River, P29M Windy Craggy, D23K Nanushuk River, etc.

2020 JUN

Table with columns: Station Name, Time, Res, Phase ID, ISC, h, m, s, ISC. Includes stations like VHRN Van Horn, POST Post, DBG Daneborg, etc.

948

Table with columns: Station Name, Time, Res, Phase ID, ISC, h, m, s, ISC. Includes stations like PAMC Pamploña, Colo, PAMC Barichara, etc.

NOU 16:00:51.297, 16:75S-167.64E, h0km, mb3.9, Vanuatu

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

JMA 16:01:06.09, 1+0.2, 25°N, 173°33'E, h29km, MV3.0/11, NW OFF ISHIGAKIJIMA IS

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

IDC 16:21:31.1475, 0, 49:30N-93:25W, h0km, Error ellipse: s-maj=225.3km s-min=62.2km az=118.0, Ontario

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, h, m, s, ISC. Includes stations like I10CA LAC DU BONNET, I56U NEWPORT INFRA516.7, etc.

TRN 16:27:40.4, 15:97N-61:58W, h164km, MD3.6, South of Guadeloupe, Leeward Islands

Table with columns: Code, Station Name, Time, Res, Phase ID, ISC, h, m, s, ISC. Includes stations like MMLZ Guadeloupe Bro, TBG Guadeloupe-3, etc.

MOS 16:01:30:45.6, 1.3, 37:81N-72:36E, h116km, mp5.9/61, MS4.7/11, Error ellipse: s-maj=4.0km s-min=2.9km az=95.4

NINC 16:01:30:45.4, 1.1, 37:83N-72:10E, h96km, 20km, mb5.4, mpv5.7, Error ellipse: s-maj=10.0km s-min=6.4km az=21.0

BUJ 16:01:30:46.1, 37:89N-72:40E, h122km, MB5.5/60, mb5.4/85, GFZ 16:01:30:47.0, 37:78N-72:35E, h120km, MW6.6, Moment Tensor Solution, s159 Moment tensor: Mw:0.19, Mw0.34, Mw0.54, Mw2.53, Mw0.85, Mw1.53, Fault plane solution: NP1: 59.00000°, 83.00000°, 86.00000°, -89.00000°, NP2: 228.00000°, 83.00000°, -100.00000°

IPG 16:01:30:47.0, 37:83N-72:26E, h132km, MP5.7, Fault plane solution: NP1: 25.00000°, 88.00000°, 154.00000°, NP2: 242.00000°, 88.00000°, 195.00000°

NEIC 16:01:30:47.4, 37:84N-72:27E, h118km

IDC 16:01:30:47.5, 0.4, 37:79N-72:29E, h122km, 3km, mb5.3/30, mbtmps.7/35, MS4.5/42, Error ellipse: s-maj=8.6km

NIED 16:00:36:02.0, 24:88N-123:30E, h20km, MW3.7, Moment Tensor Solution, s2 Moment tensor: Scale 10^14Nm; Mn:4.54; Ms:3.20; Mz:1.33; Mxx:1.06; Mxy:0.18; Myz:2.05; Fault plane solution: M4: 330.00000°, 101.4°; NP1: 75.00000°, 339.00000°, -117.00000°; NP2: 288.00000°, 556.00000°, -70.00000°

JMA 16:00:36:02.0, 0.4, 25°N, 173°33'E, h20km, MD4.2/9, MV2.6/9, NW OFF ISHIGAKIJIMA IS, Southwestern Ryukyu Islands

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

KRNET 16:00:36:34.8, 0.1, 38:59N-70:40E, mb2.7

ISC 16:00:39:2.7, 38:88N-70:51E, 0.07, h10km, n4, c241/8, 6C-3D, Afghanistan-Tajikistan border region

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

Table with columns: OBN, comp-Z, 1um, 14.0s, MLR, MLR, 29.69 317 P, P, 01 36 41.5 +0.2, etc.

Table with columns: ENH, Enshi, 31.54 93 S, S, 01 41 54.5 -3.4, etc.

Table with columns: TIRR, Tirusor, 33.43 296 P, P, 01 37 15.5 +1.2, etc.

16d 1h

2020 JUN

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like UKOP, RNP5, CNSH, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like comp=Z,7umcomp=Z,338nm,1.7s, ARTD, etc.

Table with columns: Station Name, Frequency, Band, Mode, Power, and other technical details. Includes stations like CN2, comp=Z,1.10nm,0.6s, MORH, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like WINA, KOGS, CONRAD, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like CLL, CLM, COL, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BSEG, USRK, USRKL, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like MVO, MALAGA-Limoner, PVRLL, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like MESJ, BARRANCO-DO-VE, LISBON, etc.

Table with columns for station name, frequency, and signal strength. Includes stations like SFJD, TNA, LSZ, etc.

16d 1h

Table with columns for station ID, name, elevation, date, time, and various performance metrics. Includes stations like TOLK Toolik Lake Re, G18K Tagagawik, D25K Kavik River, etc.

2020 JUN

Table with columns for station ID, name, elevation, date, time, and various performance metrics. Includes stations like H22K Ishtalinta Cre, K15K Wol Creek Mou, F26K Sheenik River, etc.

956

Table with columns for station ID, name, elevation, date, time, and various performance metrics. Includes stations like L18K Granite Mounta, POKR Polar Plat Res, NEA2 Nenana, etc.

I28M	baz=334,SNR=111	S	S	01 51 31.8	-0.9	
M20K	baz=334 Styx River	74.10	21	P	01 42 09.6	-0.3
M20K	baz=324,SNR=17	S	P	01 51 31.7	-1.3	
FRB	baz=324 Frobisher Bay	74.16	34	LR	02 18 50.6	
O15K	comp=Z,190nm,20.0s Ungalikthiuk R	74.18	25	IAMB	01 42 13.3	
O15K	comp=Z,61nm,0.8s Ungalikthiuk R	74.18	25	P	01 42 10.6	+0.3
O15K	baz=320	S	S	01 51 35.4	+1.6	
L22K	baz=320 Petersville	74.21	19	P	01 42 09.6	-0.9
L22K	baz=326,SNR=65	S	S	01 51 29.5	+3.8	
N18K	baz=326 Kilae Creek	74.27	22	P	01 42 11.2	+0.4
N18K	baz=322,SNR=18	S	P	01 51 35.5	+0.8	
GENI	baz=322 Genyem	74.27	106	P	01 42 12.6	+1.1
K24K	Donnelly Dome	74.34	17	P	01 42 10.7	-0.5
K24K	baz=330,SNR=87	S	S	01 51 32.7	-2.8	
O16K	baz=330 Kokwok River B	74.43	24	IAMB	01 42 15.7	
O16K	comp=Z,60nm,0.9s Kokwok River B	74.43	24	P	01 42 12.4	+0.7
O16K	baz=321,SNR=71	S	S	01 51 38.7	+2.2	
CUT	baz=321 Chulitna	74.44	19	IAMB	01 43 23.3	
CUT	comp=Z,192nm,1.4s Chulitna	74.44	19	P	01 42 10.8	-0.9
CUT	baz=326,SNR=6.5	S	S	01 51 33.7	-2.8	
I29M	baz=326 Ogilvie Camp	74.45	13	IAMB	01 42 13.4	
I29M	comp=Z,56nm,0.9s Ogilvie Camp	74.45	13	P	01 42 10.7	-1.1
I29M	baz=335,SNR=78	S	P	01 51 35.2	-1.5	
SKT	baz=335 Skwentna	74.46	20	IAMB	01 42 13.5	
SKT	comp=Z,100nm,0.9s Skwentna	74.46	20	P	01 42 10.9	-1.0
SKT	baz=325,SNR=103	S	S	01 51 32.8	-4.0	
WAT1	baz=325 Susitna Watana	74.52	18	P	01 42 11.1	-1.1
WAT1	baz=328	S	S	01 51 32.9	-4.7	
N19K	baz=328 Bonanza Creek	74.58	22	IAMB	01 42 17.2	
N19K	comp=Z,45nm,0.8s Bonanza Creek	74.58	22	P	01 42 13.2	+0.5
N19K	baz=323,SNR=42	S	S	01 51 38.2	-0.1	
SCRK	baz=323 Sand Creek	74.58	16	P	01 42 12.4	-0.3
SCRK	baz=331,SNR=77	S	S	01 51 36.3	-2.1	
DHY	baz=331 Denali Highway	74.60	18	IAMB	01 42 14.6	
DHY	comp=Z,55nm,0.8s Denali Highway	74.60	18	P	01 42 12.4	-0.4
DHY	baz=328,SNR=98	S	S	01 51 35.2	-3.4	
RIDG	baz=328 Independent Ri	74.61	16	P	01 42 12.1	-0.7
RIDG	baz=330,SNR=34	S	S	01 51 35.5	-3.0	
O17K	baz=330 Koliganek Bris	74.61	23	P	01 42 13.1	+0.4
O17K	baz=322,SNR=26	S	S	01 51 39.1	+0.6	
H31M	baz=322 Peel River	74.69	11	IAMB	01 42 15.0	
H31M	comp=Z,86nm,0.8s Peel River	74.69	11	P	01 42 13.5	+0.3
H31M	baz=338,SNR=109	S	S	01 51 38.8	-0.6	
FITZ	baz=338 Fitzroy Crossi	74.82	128	P	01 42 14.9	+0.4
FITZ	comp=Z,14nm,1.6s Fitzroy Crossi	74.82	128	LR	02 17 52.3	
FITZ	comp=Z,205nm,21.6s,slow=58 Fitzroy Crossi	74.82	128	P	01 42 15.2	+0.7
LPHEP	Lephephe	74.87	224	P	01 42 14.2	-0.6
LPHEP	baz=325	pP	pP	01 42 47.5	+1.5	
P16K	Nushagak River	74.90	24	P	01 42 15.1	+0.7
P16K	baz=321,SNR=90	S	S	01 51 43.9	+2.2	
I30M	baz=321 Mount Dempster	74.91	12	IAMB	01 42 17.3	
I30M	comp=Z,95nm,0.9s Mount Dempster	74.91	12	P	01 42 14.6	+0.1
I30M	baz=337,SNR=154	S	S	01 51 40.3	-1.6	
SPCR	baz=337 Spurr Chakacha	74.92	21	P	01 42 14.9	+0.3
SPCR	baz=325	S	S	01 51 39.2	-2.8	
WAT6	baz=325 Susitna Watana	74.93	18	P	01 42 13.6	-1.1
WAT6	baz=328,SNR=51	S	S	01 51 39.0	-3.4	
M22K	baz=328 Willow	75.03	19	IAMB	01 42 17.5	
M22K	comp=Z,100nm,0.9s Willow	75.03	19	P	01 42 14.5	-0.5
M22K	baz=326,SNR=7.4	S	S	01 51 40.5	-2.5	
KNRA	baz=326 Kunurra	75.04	124	P	01 42 16.7	+1.0
KNRA	comp=Z,172nm,1.0s Kunurra	75.04	124	P	01 42 15.9	+0.1
O19K	Port Alsworth	75.13	22	P	01 42 16.2	+0.6
O19K	baz=324	S	S	01 51 44.2	0.0	
O18K	baz=324 Koktuh Hills	75.13	23	IAMB	01 42 18.9	
O18K	comp=Z,111nm,0.8s Koktuh Hills	75.13	23	P	01 42 16.3	+0.5
O18K	baz=323,SNR=103	S	S	01 51 44.9	+0.5	
PAX	baz=323 Paxson	75.13	17	IAMB	01 42 17.4	
PAX	comp=Z,45nm,0.7s Paxson	75.13	17	P	01 42 15.1	-0.8
PAX	baz=330,SNR=69	S	S	01 51 42.3	-2.1	
POGA	baz=330 Pongola	75.15	217	P	01 42 15.7	-0.6
POGA	comp=Z,17nm,1.2s Pongola	75.15	217	pP	01 42 49.5	+2.2
P17K	Kvichak River	75.27	24	pP	01 42 17.4	+0.8
P17K	baz=322,SNR=60	S	S	01 51 46.3	+0.5	
J29N	baz=322 Klondike Camp	75.30	13	IAMB	01 42 53.8	
J29N	comp=Z,93nm,1.3s Klondike Camp	75.30	13	P	01 42 16.7	0.0
J29N	baz=336	S	S	01 51 46.6	+0.4	
GHO	baz=336 Glory Hole Cre	75.32	19	IAMB	01 43 11.1	
KDU	comp=Z,131nm,1.2s Kakadu	75.42	119	P	01 42 18.2	+0.3
PMR	Palmer	75.42	19	P	01 42 17.7	+0.4
PMR	comp=Z,24nm,1.7s Palmer	75.42	19	IAMB	01 42 17.5	+0.2
PMR	comp=Z,62nm,1.0s Palmer	75.42	19	P	01 42 17.5	+0.2
PMR	comp=Z,62nm,1.0s Palmer	75.42	19	pmax	01 42 16.9	-0.5
PMR	baz=327,SNR=15	S	S	01 51 44.9	-2.5	
DAWY	baz=327 Dawson	75.43	14	P	01 42 17.4	-0.1
DAWY	comp=Z,53nm,0.8s Dawson	75.43	14	P	01 42 17.2	-0.2
DAWY	baz=335,SNR=21	S	S	01 51 47.2	-0.2	

DAWY	baz=335	S	S	01 51 47.1	-0.5	
SML	baz=335 Sawmill	75.44	19	P	01 42 17.4	-0.2
SML	baz=328,SNR=91	S	S	01 51 45.3	-2.5	
P18K	baz=328 Big Mountain	75.49	23	P	01 42 18.4	+0.5
P18K	baz=323,SNR=52	S	S	01 51 49.4	+1.0	
J30M	baz=323 Hart River	75.52	12	P	01 42 18.0	0.0
J30M	baz=337,SNR=92	S	S	01 51 47.9	-0.8	
J30M	baz=337	S	S	01 51 47.9	-0.8	
MENT	baz=337 Mentasta	75.56	16	P	01 42 19.7	+1.5
MENT	Mentasta	75.56	16	P	01 42 18.1	-0.1
M23K	Glacier View	75.61	18	P	01 42 18.0	-0.5
M23K	baz=328,SNR=81	S	S	01 51 46.6	-3.0	
Q16K	baz=328 King Salmon	75.61	24	P	01 42 19.0	+0.6
Q16K	baz=322	S	S	01 51 50.7	+1.2	
UNW	baz=322 Unalaska Valle	75.62	32	P	01 42 18.3	-0.3
ILSW	baz=316 Ilamna Southw	75.64	22	P	01 42 18.1	-0.7
SCM	baz=316 Sheep Creek Mo	75.67	18	P	01 42 18.6	-0.3
SCM	baz=329,SNR=47	S	S	01 51 48.5	-1.9	
RC01	baz=329 Rabbit Creek A	75.68	20	P	01 42 18.4	-0.4
RC01	baz=327,SNR=28	S	S	01 51 48.0	-2.4	
HARP	baz=327 HAARP	75.70	17	P	01 42 19.7	+0.7
HARP	baz=330,SNR=62	S	S	01 51 50.5	0.0	
M24K	baz=330 Tolsona, Glenn	75.72	18	P	01 42 19.6	+0.5
M24K	baz=330,SNR=44	S	S	01 51 49.7	-1.1	
O20K	baz=330 Slope Mountain	75.72	21	P	01 42 18.7	-0.4
O20K	baz=325	S	S	01 51 50.4	-0.5	
KNK	baz=325 Knik Glacier	75.74	19	IAMB	01 42 22.9	
KNK	comp=Z,106nm,0.8s Knik Glacier	75.74	19	P	01 42 19.6	+0.3
KNK	baz=328,SNR=38	S	S	01 51 49.9	-1.2	
DBIC	baz=328 Dimbokro	75.82	267	P	01 42 19.9	-0.5
DBIC	comp=Z,93nm,0.9s,slow=6.0,SNR=43 Dimbokro	75.82	267	IAMB	01 42 21.8	
BCAR	comp=Z,119nm,0.9s Beaver Creek A	75.86	15	P	01 42 20.4	+0.5
P19K	Oil Pt	75.89	22	P	01 42 19.8	-0.3
P19K	baz=324	S	S	01 51 51.3	-1.4	
GRTLQ	baz=324 Ghanzi	75.95	228	pP	01 42 21.0	-0.1
GRTLQ	comp=Z,57nm,0.9s Ghanzi	75.95	228	pP	01 42 54.1	+1.9
K29M	Barlow Dome	75.98	13	P	01 42 20.9	+0.2
K29M	baz=336,SNR=134	S	S	01 51 53.6	-0.2	
SLKM	baz=336 Skilak Lake	76.04	20	IAMB	01 42 22.8	
FALS	comp=Z,57nm,0.9s False Pass	76.12	29	P	01 42 21.4	-0.1
FALS	False Pass	76.12	29	P	01 42 21.0	-0.5
FALS	baz=318	S	S	01 51 54.4	-0.9	
Q18K	baz=318 Katmai Hardscr	76.16	23	P	01 42 21.4	-0.4
Q18K	baz=323,SNR=18	S	S	01 51 53.2	-2.7	
R16K	baz=323 Pilot Point	76.18	25	S	01 51 56.2	+0.3
Q17K	baz=323 Contact Creek	76.19	24	P	01 42 21.9	0.0
Q17K	baz=323	S	S	01 51 54.9	-1.2	
M26K	baz=323 Nebana, AK	76.19	16	P	01 42 22.1	+0.3
M26K	comp=Z,382,SNR=11	S	S	01 51 55.1	-0.8	
KLU	baz=332 Klutina	76.31	18	P	01 42 22.8	+0.2
KLU	baz=330,SNR=29	S	S	01 51 56.2	-1.2	
LBTB	baz=330 Loblatse	76.33	223	LR	02 20 56.6	
LBTB	comp=Z,84nm,18.4s,slow=39 Loblatse	76.33	223	P	01 42 22.1	-1.0
LBTB	Loblatse	76.33	223	P	01 42 22.5	-0.6
LBTB	Loblatse	76.33	223	pP	01 42 55.5	+1.1
Q19K	Cape Douglas	76.35	23	pP	01 42 21.3	-1.2
ACHA	baz=332 Angle Creek He	76.41	24	P	01 42 22.4	-0.7
M27K	Edge Creek, AK	76.47	16	P	01 42 23.7	+0.2
M27K	baz=333,SNR=54	S	S	01 51 58.6	-0.6	
BRLK	baz=333 Bradley Lake	76.47	21	IAMB	01 42 25.1	
S14K	comp=Z,61nm,0.9s Fog Glacier	76.49	27	P	01 42 23.6	-0.1
KGCAE	baz=330 Kacgae	76.52	227	IAMB	01 43 38.3	
KGCAE	comp=Z,54nm,0.9s Kacgae	76.52	227	P	01 42 24.3	0.0
N25K	KGCAE Chitina, Valde	76.53	17	pP	01 42 56.2	+0.7
N25K	baz=331,SNR=18	S	S	01 51 59.2	-0.5	
BRSE	baz=331 Bradley Lake S	76.53	21	P	01 42 23.5	-0.2
R17L	comp=Z,92,SNR=8.7 Mt. Peulvik Vol	76.54	25	P	01 42 23.6	-0.2
R17L	baz=322	S	S	01 51 59.4	-0.4	
TSUM	baz=322 Tsumeb	76.54	233	LR	02 19 03.2	
TSUM	comp=Z,156nm,18.5s,slow=38 Tsumeb	76.54	233	P	01 42 24.3	-0.1
TSUM	Tsumeb	76.54	233	P	01 42 24.5	+0.1
TSUM	Tsumeb	76.54	233	pP	01 42 24.0	-0.4
L29M	L29M	76.54	14	IAMB	01 43 00.5	
L29M	comp=Z,97nm,1.4s L29M	76.54	14	P	01 42 24.5	+0.7
L29M	baz=336,SNR=46	S	S	01 51 59.6	-0.2	
GLI	baz=336 Glacier Island	76.55	19	IAMB	01 42 26.2	
GLI	comp=Z,63nm,0.8s Glacier Island	76.55	19	P	01 42 23.6	-0.2
GLI	baz=329,SNR=32	S	S	01 51 58.1	-1.7	
SEW	baz=329 Seward	76.59	20	P	01 42 23.8	-0.2
SEW	baz=327	S	S	01 51 57.5	-2.7	
BVCY	baz=327 Beaver Creek	76.63	15	P	01 42 24.7	+0.4
BVCY	baz=334,SNR=25	S	S	01 52 00.8	0.0	
DIV	baz=334 Divide	76.66	18	IAMB	01 42 26.4	
SKOMA	comp=Z,42nm,0.6s Sekoma	76.85	224	P	01 42 25.7	-0.3
SKOMA	Sekoma	76.85	224	pP	01 42 57.3	0.0
SDPT						

CATAC 16 01:33:23.2,0.5,11°N,4°8'6"W, h185km,3km,M2.9/18, MLv2.9/18,5C-2D, Error ellipse: s-maj=12.0km s-min=3.4km az=51.1, confirmed, Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like CARN Rivas, OMIN AI SSO del Vol, JAPAN AI SSO del Vol, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like GCSZ Gaunt Creek Bo, RPZ Rata Peaks, RPZ Rata Peaks, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like ALEN 16d 08.4+0.4, BOAB BOACO BROADBAN, BOAB BOACO BROADBAN, etc.

TAP 16 01:38:27.1,22.43N,-121.37E, h16km,1km,ML2.6,2D,C

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Code Station Name, Az, Phase ID, Time, Res. Lists stations like LDUT Ludao, ECL Taimali, etc.

TAP 16 02:13:20.5,24.87N,-121.19E, h8km,ML2.1,2C-5D,B

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Code Station Name, Az, Phase ID, Time, Res. Lists stations like KSHI Guanxi Townshi, KSHI Zhongli, etc.

ISK 16 01:34:13.8,39.37N,-40.64E, h13km,ML1.9/3, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like YEDI Yedisu-Bingol, KARO Karliova-Bingo, KARO Karliova-Bingo, etc.

IDC 16 02:03:35.0-8.1,31.24S,-179.23W, h0km,mb3.6/2, mbmp3.6/2,MS3.1/1, Error ellipse: s-maj=342.4km s-min=60.9km az=158.0

WEL 16 02:04:26.1,3.33S,-26.18W, h382km,39km, M3.8/13,mb4.3/9,ML4.4/13,MLV4.3/13,Mw(MB)3.4/9, Error ellipse: s-maj=54.9km s-min=20.7km az=122.5, confirmed

ISC 16 02:04:23.2,2.2,32.7S,-0.2x179.9W,0.4,h400km,n25, r=153/27, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Code Station Name, Az, Phase ID, Time, Res. Lists stations like MZX Matakaoa Point, WMGZ Waiomatatini S, etc.

JMA 16 02:14:02.9,0.2,24.9N,-0.7x123.4E,0.2,h20km,MV2.1/9, NW OFF ISHIGAKI/JIMA IS, Southwestern Ryukyu Islands

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

UPA 16 01:34:13.6,0.9,8.53N,-82.88W, h44km,3km,MD3.3, MW3.4,5C-2D, Presumed earthquake, Panama-Costa Rica border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Code Station Name, Az, Phase ID, Time, Res. Lists stations like NELY Ciudad Neily, MLIR3 Monte Lirio, C, BRUZ Volcan, etc.

ISK 16 01:34:48.6,39.20N,-40.69E, h5km,ML1.6/3, Turkey

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Code Station Name, Az, Phase ID, Time, Res. Lists stations like BNGB Bingli, YEDI Yedisu-Bingol, KARO Karliova-Bingo, etc.

CATAC 16 02:05:34.0,0.3,11°N,2°8'6"W, h32km,2km,M3.6/33, MLv3.6/33,9D, Error ellipse: s-maj=4.3km s-min=2.0km az=40.4, confirmed, Near coast of Nicaragua

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like Code Station Name, Az, Phase ID, Time, Res. Lists stations like NADN Granada, MASN Masaya, MASN Masaya, etc.

IDC 16 02:17:24.6,0.8,16.66S,-177.16E, h0km,mb3.9/8, mbmp3.9/8,MS3.7/22, Error ellipse: s-maj=23.5km s-min=18.1km az=51.0

NEIC 16 02:17:25.4,1.1,16.74S,-0.06:177.14E,0.08, h10km,1km, mb4.8/21, Error ellipse: s-maj=12.9km s-min=10.0km

ISC 16 02:17:25.8,0.5,16.73S,-0.08:177.08E,0.08, h14km,n74, r=0.87/54, mb4.6/17, MS3.7/23, Fiji Islands

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

WEL 16 01:36:03.0,3.43S,-26.18W, h5km,M3.0/8,ML2.9/8, MLv3.0/8, Error ellipse: s-maj=3.2km s-min=2.4km az=147.7, confirmed

NOU 16 01:36:04.3,42.85S,-171.32E, h15km,MLv3.7/12, South Island, New Zealand

ISC 16 01:36:03.5,0.9,42.81S,-0.02x171.36E,0.02, h8km,6km, n34, r=0.62/42, South Island

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

Fault plane solution: M2.39000x10^14 N1:phi=78.00000; S44.00000; lambda=99.00000. NP2:phi=271.00000; delta7.00000; lambda=81.00000

JMA 16 03:28:49.7+1.0,34.11N;25.81E,h0km,mb3.8/12, mbmp3.6/19,ML3.4/6,MS2.5/1,Error ellipse: s-maj=20.7km s-min=15.0km az=6.0

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Includes stations like YONAGUNI, YONAGUNIJIMAKU, IRIFOTE-FUNAU, etc.

IDC 16 03:28:49.7+1.0,34.11N;25.81E,h0km,mb3.8/12, mbmp3.6/19,ML3.4/6,MS2.5/1,Error ellipse: s-maj=20.7km s-min=15.0km az=6.0

ISK 16 03:28:49.7+1.0,33.88N;25.93E,h7km,ML3.1/16, NEIC 16 03:28:50.7+0.8,34.08N;0.07;25.83E;0.07;h10km;1km, mb4.4/9,Error ellipse: s-maj=12.6km s-min=8.8km az=15.0

ATH 16 03:28:51.4+0.5,33.96N;25.87E,h10km,ML3.3/12, Latitude uncertainty: 3 km; Longitude uncertainty: 2 km THE 16 03:28:53.7+34.12N;25.82E,h3km,2.2km,M3.1/10, ML3.3/10

ISC 16 03:28:52.4+1.6,33.97N;0.06;25.93E;0.03,h28km;11km, n95,+136/113,mb3.8/14,Eastern Mediterranean Sea

Main table of station data for the first section, including stations like ZKR, SITI, NEAPOLIS, SIVAS, etc.

NOA NORSAR Array B 28.71 345 P P 03 34 46.2 -0.8 comp=2.0,2nm,0.6s,baz=154,slow=10,SNR=1.4

Table of station data for the second section, including stations like ABKAR, TOR, TOR, TOR, TOR, etc.

IDC 16 03:57:16.8+1.3,24.71N;123.16E,h0km,mb3.8/7, mbmp3.8/8,ML3.3/11,MS3.2/19,Error ellipse: s-maj=61.0km s-min=31.0km az=69.0

NIED 16 03:57:18.5+2.4,91N;123.36E,h23km,MW4.1,Moment Tensor Solution. s2 Moment tensor: Scale 1015Nm; Mn=0.88; Mw=1.04; Ms=0.15; Mv=1.39; Mw0.27; Mw0.13; Fault plane solution: M1.72000x10^15 NP1: phi=239.00000; delta20.00000; lambda=122.00000. NP2: phi=93.00000; delta73.00000; lambda=79.00000

JMA 16 03:57:18.5+2.2,91.0N;123.4E;0.5,h23km,4km, MD4.3/8,MV3.5/8,NW OFF IISHIGAKIJIMA IS

NEIC 16 03:57:18.7+1.1,24.90N;0.05;123.29E;0.09,h10km;1km, mb4.3/14,Error ellipse: s-maj=15.6km s-min=5.5km az=17.7

ISC 16 03:57:18.8+1.5,24.84N;0.06;123.32E;0.06,h15km;10km, n55,+089/43,mb4.0/13,MS3.2/15, Southwestern Ryukyus Islands

Main table of station data for the second section, including stations like YOJ, YONAGUNI, YONAGUNIJIMAKU, etc.

WRA Warramunga Arr 45.79 165 P P 04 05 39.5 -0.4 comp=2.1,1nm,0.7s,baz=346,slow=8.5,SNR=4.6

Table of station data for the third section, including stations like WRA, WRA, WRA, WRA, etc.

SOME 16 04:04:51.6+0.1,42.27N;75.93E,h10km, KRNET 16 04:04:51.6+0.1,42.24N;75.93E,h20km,mb2.5

NINC 16 04:04:51.6+0.1,42.30N;75.91E,h0km,mb2.6,mpv2.7, Error ellipse: s-maj=6.7km s-min=2.5km az=15.5

KNET 16 04:04:53.2+0.7,42.32N;75.80E,h15km,km1.3, Error ellipse: s-maj=1.1km s-min=0.3km az=122.0

ISC 16 04:04:49.9+1.1,42.26N;0.02;75.98E;0.03,h13km;10km, n31,+050/58,22C-9D,Lake Issyk-Kul region

Main table of station data for the third section, including stations like BOOM, BOOM, TKM2, TKM2, etc.

IDC 16 04:08:50.4+1.6,27.59N;85.65E,h0km,mb3.6/6, mbmp3.5/7,ML3.5/11,MS3.4/2,Error ellipse: s-maj=46.1km s-min=28.9km az=60.0

DMN 16 04:08:50.8+0.1,27.82N;86.20E,h10km,ML4.2/8, Error ellipse: s-maj=3.3km s-min=1.1km az=27.0

ISC 16 04:08:52.0+0.9,27.69N;0.06;86.08E;0.03,h10km;6km, n20,+097/29,mb3.5/6,Nepal

Table of station data for the fourth section, including stations like JIRN, JIRN, GUN, GUN, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Resolute Bay, Koyuk River, Kangerlussuaq, etc.

IDC 16 05:33:04.2, 1.2, 7.15N, 126.98E, h0km, mb3.7/4, mbtm3.7/4, Error ellipse: s-maj=25.8km s-min=21.4km

MAN 16 05:33:07.0, 7.01N, 126.92E, h15km, MS3.4

ISC 16 05:33:11.0, 1.1, 7.03N, 0.06x126.88E, 0.08, h60km, n23, e224/28, mb3.6/4, Mindanao

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

IDC 16 05:42:16.0, 0.8, 19.51S, 175.04E, h0km, mb4.3/9, mbtm4.3/11, ML6.0/1, MS3.6/15, Error ellipse: s-maj=30.9km s-min=17.9km az=150.0

NEIC 16 05:42:18.1, 1.6, 19.33S, 0.03x175.13E, 0.07, h10km, 1km, mb4.5/19, Error ellipse: s-maj=10.5km s-min=5.4km az=261.0

ISC 16 05:42:20.8, 0.5, 19.3S, 0.1x175.11E, 0.07, h35km, n59, e109/50, mb4.5/20, MS3.5/13, 1C, South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Nonsavu, Mares, Futu, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Warramunga Arr, Warramunga Arr, WBO, etc.

NNC 16 05:49:38.5, 1.0, 42.80N, 79.30E, h0km, mpv2.5, Error ellipse: s-maj=6.6km s-min=3.4km az=164.0

SOME 16 05:49:38.6, 1.4, 42.77N, 79.27E, h20km

KRNET 16 05:49:37.8, 1.4, 40.59N, 76.62E, h18km, mb2.5

ISC 16 05:49:37.8, 1.4, 42.74N, 0.04x79.29E, 0.05, h17km, 9km, n18, e132/35, 4C-6D, Lake Issyk-Kul region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MV2.7/9, NW OFF ISHIGAKIJIMA IS, etc.

NEIC 16 05:58:22.9, 1.4, 36.03N, 0.010x117.80W, 0.01, h5km, 1km, mb4.0/13, ML3.8/150, Mwr3.7/68, Mwr3.8/6(PAS), Error ellipse: s-maj=2.2km s-min=1.7km az=285.0

Moment Tensor Solution. Moment tensor: Scale 10^14 Nm; Mr-0.81; Mw-4.53; Ms-5.34; Mo-0.01; Mo-0.01; Mo-1.29; Fault plane solution: Ms5.15000x10^14 NP1: 0.134, 42.000, 882.57000; A171.33000; NP2: 0.225, 55.000, 881.41000; A7.52000; Principal axes: T 5.6020, P1g11.0000, Azm90.0000; N -1.0679, P1g79.0000, Azm274.0000; P -4.5341, P1g1.0000; Azm180.0000

PAS 16 05:58:22.9, 1.3, 36.043N, 0.004x117.81W, 0.01, h1km, 2km, Error ellipse: s-maj=1.5km s-min=0.6km az=87.0

NEIC 16 05:58:22.4, 36.04N, 117.81W, h9km

IDC 16 05:58:23.4, 0.9, 36.08N, 117.68W, h0km, mbtm3.1/5, ML3.4/5, Error ellipse: s-maj=15.3km s-min=6.2km az=75.0

ISC 16 05:58:22.6, 0.7, 36.05N, 0.02x117.81W, 0.02, h7km, 4km, n95, e90/12, California-Nevada border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WCSM, WCM, JRC2, etc.

16d 6h

Table with columns: Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like MWCV, MDPB, PASADENA ART C, etc.

2020 JUN

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like EWUT, ESAD, TWC, etc.

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Table with columns: Station Name, Azimuth, Phase ID, Time, Residual, and other parameters. Includes stations like MCVV, KM2, HBVN, etc.

LZH	comp=N,2um,10.3s	LR	LR				
LZH	comp=E,8um,11.3s	LR	LR				
LZH	comp=Z,2um,11.3s	LR	LR				
LYN	LuoYang	143.34	eP	Pn		06 15 58.5 +0.3	
LYN			pP	P		06 16 02.4 -1.7	
LYN			sP	S		06 16 06.8	
LYN			S	Sn		06 18 44.3 +1.7	
LYN	comp=Z,10.0nm,0.9s		pmax	pmax			
LYN	comp=Z,130nm,8.0s		LR	LR			
LYN	comp=Z,3um,7.9s		LR	LR			
LYN	comp=Z,2um,8.6s		LR	LR			
EVN	Everest	15.27 294	P	Pn		06 16 04.4 -0.2	
GTA2	Gaotai	17.13 353	P	pmax	pmax	06 16 30.5 +0.8	
GTA2	comp=Z,8.0nm,0.8s		LR	LR			
GTA2	comp=Z,640nm,18.7s		LR	LR			
GTA2	comp=Z,610nm,17.1s		LR	LR			
GTA2	comp=Z,490nm,16.2s		LR	LR			
NJ2	Nanjing	17.32 53	eP	P		06 16 32.9 +1.3	
NJ2	comp=Z,58nm,1.2s		LR	LR			
NJ2	comp=Z,2um,7.3s		LR	LR			
NJ2	comp=Z,2um,8.1s		LR	LR			
NJ2	comp=Z,3um,9.9s		LR	LR			
HNS	HongShan	18.19 32	↑P	P		06 16 43.8 +2.6	
HNS	comp=Z,19nm,1.1s		LR	LR			
HNS	comp=Z,1um,10.0s		LR	LR			
HNS	comp=Z,1um,10.9s		LR	LR			
HNS	comp=Z,980nm,14.2s		LR	LR			
TIA	Taian	18.63 39	P	pmax	pmax	06 16 46.0 -0.1	
TIA	comp=Z,11nm,1.0s		LR	LR			
TIA	comp=Z,550nm,12.9s		LR	LR			
TIA	comp=Z,850nm,12.2s		LR	LR			
TIA	comp=Z,1um,11.6s		LR	LR			
SSE	Sheshan	18.68 59	P	S		06 16 45.5 -1.3	
SSE	comp=Z,7.0nm,0.6s		pmax	pmax		06 20 15.9 -0.3	
SSE	comp=Z,75nm,3.2s		LR	LR			
SSE	comp=Z,810nm,8.2s		LR	LR			
SSE	comp=Z,330nm,8.3s		LR	LR			
YOJ	Yonaguni jima	18.85 80	eP	P		06 16 49.7 +1.0	
BT02	Baotou	19.23 17	eP	P		06 16 51.6 -1.3	
BT02			pP	P		06 16 55.4 +1.6	
BT02			sP	Sn		06 15 58.9 +1.4	
BT02			P	Pn		06 17 08.8 +2.1	
BT02			S	Sn		06 20 22.8 -6.7	
BT02			SS	SnSn		06 20 48.0 +4.2	
BT02	comp=Z,20nm,1.1s		pmax	pmax			
BT02	comp=Z,200nm,9.0s		LR	LR			
BT02	comp=Z,3um,12.8s		LR	LR			
BT02	comp=Z,6um,13.3s		LR	LR			
BT02	comp=Z,3um,11.5s		LR	LR			
HHC	Hu-ho-hao-te	19.83 20	eP	S		06 17 00.8 +1.4	
HHC			P	P		06 20 37.3 -5.5	
HHC			sS	Sn		06 20 45.8 +1.9	
HHC	comp=Z,8.0nm,0.5s		pmax	pmax			
HHC	comp=Z,90nm,4.4s		LR	LR			
HHC	comp=Z,1um,10.3s		LR	LR			
HHC	comp=Z,940nm,10.3s		LR	LR			
HHC	comp=Z,1um,10.7s		LR	LR			
RPSI	Riantau Prapat	19.98 191	P	P		06 17 00.9 -0.1	
MYKOM	Kota Tinggi	20.60 176	P	Iamb		06 17 08.0 +0.3	
MYKOM	comp=Z,39nm,1.3s		Iamb	Iamb		06 17 15.9	
BJ12	Beijing	20.96 30	P	S		06 17 13.3 +1.8	
BJ12	comp=Z,11nm,1.2s		pmax	pmax		06 21 07.4 +2.4	
BJ12	comp=Z,61nm,5.9s		LR	LR			
BJ12	comp=Z,270nm,8.8s		LR	LR			
BJ12	comp=Z,200nm,9.0s		LR	LR			
BJ12	comp=Z,300nm,19.2s		LR	LR			
DL2	Dalian	23.09 40	P	S		06 17 34.5 +0.2	
DL2	comp=Z,32nm,1.4s		pmax	pmax		06 21 46.1 +0.7	
DL2	comp=Z,220nm,5.4s		LR	LR			
DL2	comp=Z,830nm,10.3s		LR	LR			
DL2	comp=Z,410nm,10.9s		LR	LR			
DL2	comp=Z,1um,12.4s		LR	LR			
JOW	Kunigami	23.74 74	LR	LR		06 26 47.8	
WMQ	Urumqi	24.59 333	eP	sP		06 17 50.5 +1.8	
WMQ	comp=Z,195nm,21.4s		pmax	pmax		06 17 57.1 +3.7	
WMQ	comp=Z,16nm,0.7s		LR	LR			
WMQ	comp=Z,540nm,12.7s		LR	LR			
WMQ	comp=Z,370nm,12.7s		LR	LR			
SONM	Songino Array	25.49 6	P	P		06 17 57.3 +0.5	
SONM	comp=Z,5.3nm,0.8s,baz=189,slow=10,SNR=21						
SONM	Songino Array	25.49 6	P	P		06 17 57.9 +1.0	
ULN	Ulanbaatar	25.59 7	P	Iamb		06 17 59.0 +1.2	
ULN	comp=Z,9.8nm,0.9s		Iamb	Iamb		06 18 10.5	
ULN	Ulanbaatar	25.59 7	eP	pmax	pmax	06 17 57.9 +0.1	
ULN	comp=Z,10.0nm,1.3s		pmax	pmax			
KSAR	Wonju Array Be	26.41 50	P	P		06 18 06.1 +0.9	
KS19	Wonju Array Si	26.43 50	P	Iamb		06 18 06.0 +0.6	
KS19	comp=Z,17nm,1.4s		Iamb	Iamb		06 18 42.2	
KSRS	Korea Array	26.44 50	P	P		06 18 05.3 -0.2	
KSRS	comp=Z,0.5nm,0.3s,baz=234,slow=11,SNR=5.4		LR	LR		06 29 37.9	
TOL12	Toitoli	27.65 138	P	Iamb		06 18 16.3 -0.2	
TOL12	comp=Z,0.5nm,0.3s		Iamb	Iamb		06 18 19.8	
ZAK	Zakamensk	27.86 1	eP	P		06 18 18.3 +0.1	
TARG	Tagarag, Kyrgy	28.28 319	P	Iamb		06 18 22.0 -0.4	
TARG	comp=Z,7.3nm,0.9s		Iamb	Iamb		06 19 01.6	
KNGR	Kungurtug, Tuv	28.36 353	iP	P		06 18 24.3 +1.7	
KDJ	Kajisay	28.89 319	P	P		06 18 27.6 +0.1	

KDJ	comp=Z,9.5nm,1.1s	Iamb	Iamb			06 18 40.2	
NRN	Naryn	29.24 316	P	Iamb		06 18 31.2 +0.3	
NRN	comp=Z,5.1nm,0.9s		Iamb	Iamb		06 19 14.3	
MK31	Makanchi Array	29.28 331	eP	P		06 18 32.2 +1.4	
MKAR	Makanchi Array	29.28 331	P	P		06 18 31.3 +0.6	
MKAR	comp=Z,5.2nm,0.9s,baz=143,slow=40		LR	LR		06 31 47.5	
MKAR	Makanchi Array	29.28 331	P	P		06 18 31.8 +1.1	
MKAR	Makanchi Array	29.28 331	eP	P		06 18 32.0 +1.2	
MKAR	comp=Z,5.0nm,0.9s		pmax	pmax			
MAK	Makanchi	29.43 331	P	P		06 18 33.2 +1.1	
LEM	Lembang	29.54 170	LR	LR		06 30 29.6	
BOOM	Boomskeye usch	29.85 316	P	P		06 18 37.0 +0.9	
HILR	Hallar Array B	30.24 22	P	P		06 18 37.7 -1.5	
HILR	comp=Z,1.3nm,0.5s,baz=211,slow=11,SNR=1.6						
BNX	BinXian	30.77 35	↑P	P		06 18 44.5 +0.5	
BNX	comp=Z,5.0nm,0.9s		pmax	pmax			
AAK	Ala-Archa	30.83 317	LR	LR		06 33 00.5	
AAK	Ala-Archa	30.83 317	LR	LR		06 33 00.5	
AAK	Ala-Archa	30.83 317	eP	P		06 18 46.0 +1.3	
AAK	Ala-Archa	30.83 317	eP	pmax	pmax	06 18 47.8 +2.9	
AAK	comp=Z,4.0nm,1.3s		pmax	pmax			
KBL	Kabul	31.68 300	P	LR		06 18 53.3 +0.9	
KAPI	Kappang	32.07 146	LR	LR		06 32 20.8	
KAPI	comp=Z,168nm,18.4s,baz=278,slow=37						
INU	Inuyama	32.60 59	P	P		06 19 01.4 +1.3	
CHGR	Chuyangaron	32.76 307	iP	P		06 19 03.2 +1.5	
KK31	Karatay Array	33.60 315	P	P		06 19 10.1 +1.2	
KKAR	Karatay Array	33.60 315	P	P		06 19 09.3 +0.4	
KURBS	Kurchatov Arra	33.73 332	P	P		06 19 10.3 0.0	
KURBS	comp=Z,3.9nm,0.9s,baz=138,slow=8.5,SNR=25		LR	LR		06 34 18.5	
KURBB	comp=Z,396nm,20.5s,baz=160,slow=39						
KURK	Kurchatov	33.82 332	P	Iamb		06 19 10.9 +0.3	
KURK	comp=Z,5.8nm,0.8s		Iamb	Iamb		06 19 18.0	
KURK	Kurchatov	33.82 332	eP	pmax	pmax	06 19 11.7 +1.1	
KURK	comp=Z,11nm,1.3s		pmax	pmax			
MJAR	Matsushiro Arr	33.83 57	P	P		06 19 09.3 -1.6	
MJAR	comp=Z,6.8nm,1.1s,baz=262,slow=8.5,SNR=10		LR	LR		06 34 34.4	
MJAR	comp=Z,329nm,18.3s,baz=245,slow=39						
MJAR	comp=Z,6.8nm,1.1s		LR	LR			
MJAR	Matsushiro Arr	33.83 57	P	Iamb		06 19 11.9 +1.1	
MJAR	comp=Z,10nm,1.4s		Iamb	Iamb		06 19 14.1	
ZAAO	Zalesovo Array	34.18 341	P	P		06 19 14.6 +0.9	
ZALV	Zalesovo Beam	34.18 341	P	P		06 19 12.8 -0.9	
ZALV	comp=Z,5.6nm,0.8s,baz=141,slow=9.3,SNR=15		LR	LR		06 33 28.9	
ZALV	comp=Z,130nm,18.5s,baz=137,slow=37						
ZALV	Zalesovo Beam	34.18 341	P	P		06 19 14.2 +0.5	
ZALV	Zalesovo Beam	34.18 341	iP	P		06 19 14.0 +0.3	
ZALV	comp=Z,6.0nm,0.8s		pmax	pmax			
JHJ	Hachiojima 2	34.42 64	LR	LR		06 34 37.4	
KLR	Kul'dur	35.27 34	LR	LR		06 36 02.7	
KLR	comp=Z,177nm,18.8s,baz=134,slow=40						
KLR	Kul'dur	35.27 34	eP	pmax	pmax	06 19 25.1 +1.9	
KLR	comp=Z,2.0nm,1.3s		pmax	pmax			
HRA	Herat	37.17 298	P	Iamb		06 19 40.5 +0.6	
HRA	comp=Z,3.5nm,0.5s		Iamb	Iamb		06 20 02.1	
SOEI	Soe	38.45 144	P	LR		06 19 50.2 -0.5	
BATI	Baumata	38.50 145	LR	LR		06 38 21.2	
BATI	comp=Z,173nm,18.9s,baz=90,slow=40						
BVAR	Borovy Array	39.13 329	P	P		06 19 56.9 +1.0	
BVAR	comp=Z,1.9nm,0.5s,baz=123,slow=8.3,SNR=7.6						
BORK	Borovyoye	39.17 329	P	LR		06 19 57.0 +0.7	
GUMO	Guam	41.06 95	LR	LR		06 38 05.9	
BOR	Borovyoye	39.17 329	P	LR		06 19 57.0 +0.7	
BOR	comp=Z,79nm,18.4s,baz=66,slow=38						
AB31	Akbulak array	42.86 319	P	P		06 20 28.0 +1.3	
ABKAR	Akbulak array	42.86 319	P	LR		06 20 28.1 +1.3	
AKTO	Aktubinsk	44.47 320	LR	LR		06 41 24.7	
AKTO	comp=Z,144nm,21.8s,baz=92,slow=39						
MBWA	Marble Bar	46.48 158	P	P		06 20 56.4 +0.6	
ARTI	Arti	46.79 328	P	P		06 20 58.5 +0.6	
ARTI	Arti	46.79 328	iP	P		06 21 00.9 +3.0	
ARTI	Arti	46.79 328	P	P		06 22 29.5	
ARTI	Arti	46.79 328	P	P		06 22 48.9	
ARTI	Arti	46.79 328	S	S		06 27 53.8 +5.9	
ARTI	Arti	46.79 328	S	pmax	pmax		
MA2	Magadan	50.14 30	LR	LR		06 44 29.2	
MA2	comp=Z,120nm,18.2s,baz=263,slow=38						
TIXI	Tiksi	51.45 10	LR	LR		06 45 04.8	
TIXI	comp=Z,417nm,18.2s,baz=232,slow=38						
TIXI	Tiksi	51.45 10	P	Iamb		06 21 34.0 +0.6	
TIXI	comp=Z,6.3nm,1.1s		Iamb	Iamb		06 21 34.6	
TIXI	Tiksi	51.45 10	eP	pmax	pmax	06 21 33.2 -0.2	
TIXI	comp=Z,4.0nm,0.9s		pmax	pmax			
PETK	Petrovavlovsk	51.53 39	LR	LR		06 44 41.6	
PETK	comp=Z,218nm,18.8s,baz=251,slow=38						
GNI	Garni	51.57 304	LR	LR		06 45 51.7	
GNI	comp=Z,55nm,21.6s,baz=70,slow=39						
KIRV	Kirov	5					

comp=Z,100nm,28.2s
BDFB Brasilia 151.42 279 PKPbc PKPbc 06 32 23.3 -0.2
comp=Z,3.5nm,1.0s,baz=104,slow=4.2,SNR=3.6

BUC 16:06:22:47.6:0.6,45:40N,26:43E,h96km,4km,ml2.7/8,
7C-7D,Error ellipse: s-maj=4.2km s-min=1.8km az=7.0,
Romania

Table with columns: Code, Station Name, Az, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like ISR Istrita, MLR Muntele Rosu, SAHR Sastru, etc.

SJA 16:06:28:13.0:0.7,23:22S,68:24W,h142km,3km,ML3.4,
MW3.5

GUC 16:06:28:15.0:0.7,23:14S,68:33W,h138km,4km,ML3.7
IDC 16:06:28:38.2:8.6,21:04S,67:22W,h274km,57km,mb3.6/1,
mbmp3.9/3,Error ellipse: s-maj=115.4km s-min=46.8km
az=29.0

ISC 16:06:28:13.8:1.0,23:19S,0:04,68:28W,0:04,h143km,7km,
n35,az194/57,6C-1D,Northern Chile

Main table of station data for the first section, including stations like AF01 San Pedro de A, PB06 IPOC Station P, PB09 IPOC Station P, etc.

MOS 16:06:36:12.7:0.9,43:04N,146:12E,h85km,mb4,4/13,Error
ellipse: s-maj=10.0km s-min=5.9km az=99.1
MOS Fell (III) at Yuzhno-Kuril'sk, (II) at Malokuril'skoye,
Krabozavodskoye.

IDC 16:06:36:13.0:0.3,43:18N,146:02E,h66km,30km,mb3.9/22,
mbmp4.2/25,ML2,8/2,Error ellipse: s-maj=16.5km
s-min=15.9km az=141.0

NEIC 16:06:36:14.2:1.5,43:13N,0:07,146:0E,0:1,h75km,7km,
mb4,4/62,Error ellipse: s-maj=12.1km s-min=9.2km
az=111.0

SKHL 16:06:36:15.0:0.2,43:10N,146:10E,h86km,4km,mb6.0/5,
msh6.7/5

SKHL Fell (II) at Yushno-Kuril'sk, Lagunnoe, Goryachy Plyash,
Golovinno, (I) Malokuril'skoye, Krabozavodskoye,
JMA 16:06:36:15.1:0.2,43:11N,0:16E,0:h79km,1km,
MD3.9/40,MV4.4/40,OFF-MALURU PENINSULA

JMA Fell II J1 at OFF NEMURO PENINSULA
ISC 16:06:36:14.3:0.6,43:13N,0:05,146:07E,0:04,h79km,5km,
n315,az196/328,mb4,4/69,8C-5D,Kuril Islands

Main table of station data for the second section, including stations like NEM2 Nemuro 2, NEM2 Nemuro-Hokkai, NMR Nemuro-Hokkai, etc.

Main table of station data for the third section, including stations like KSAR Wonju Array Be, JSU Suzuyama, SEY Sanchuan, etc.

H21K	Melozitna Rive	39.97	34	P	P	06 43 41.6 +1.0
CAST	Castle Rocks	40.21	38	I Amb	I Amb	06 43 43.2 +0.7 06 43 48.0
CAST	Castle Rocks	40.21	38	P	P	06 43 43.9 +1.3
KD4K	Kodiak Island	40.25	47	P	P	06 43 43.0 0.0
KD4K	Kodiak Island	40.25	47	P	P	06 43 43.0 0.0
KD4K	Kodiak Island	40.25	47	P	P	06 43 43.5 +0.5
B22K	Teshchepuk Lake	40.28	27	P	P	06 43 43.6 +0.6
I21K	Tanana	40.29	35	P	P	06 43 43.4 +0.5
I21K	Tanana	40.29	35	P	P	06 43 44.4 +1.3
F22K	John River	40.36	32	P	P	06 43 44.6 +0.9
E22K	Anaktuvuk Pass	40.55	31	P	P	06 43 46.1 +0.7
H22K	Ishlitalina Cre	40.57	34	P	P	06 43 46.5 +1.0
G22K	Bettles	40.57	32	P	P	06 43 45.9 +0.5
KTH	Kantishna Hill	40.73	38	I Amb	I Amb	06 43 47.7 +0.8 06 43 52.3
ZAAO	Zalesovo Array	40.75	307	I Amb	I Amb	06 43 46.7 -0.4 06 43 48.1
ZALV	Zalesovo Beam	40.75	307	P	P	06 43 46.2 -0.9
ZALV	Zalesovo Beam	40.75	307	P	P	06 43 46.6 -0.6 06 43 46.7 -0.4
ZALV	Zalesovo Beam	40.75	307	I Amb	I Amb	06 43 46.6 -0.6 06 43 46.7 -0.4
MLY	Manley	40.81	35	P	P	06 43 48.9 +1.4
L22K	Petersville	40.82	39	P	P	06 43 49.0 +1.3
BRSE	Bradley Lake S	41.01	44	P	P	06 43 50.1 +0.9
G23K	Banzaan Creek	41.15	33	P	P	06 43 50.4 +0.1
C23K	Itkillik River	41.16	28	P	P	06 43 50.4 +0.1
H23K	Yukon River	41.32	34	P	P	06 43 53.2 +1.5
E23K	Chandalar	41.37	31	P	P	06 43 52.9 +0.7
E23K	Chandalar	41.37	31	P	P	06 43 52.9 +0.7
I23K	Minto, Yukon-K	41.39	35	P	P	06 43 53.3 +1.0
TOLK	Toolik Lake Re	41.42	30	P	P	06 43 53.1 +0.6
NEA2	Nerana	41.52	36	P	P	06 43 54.2 +0.9
WMQ	Urumqi	41.59	292	eP	LR	06 43 56.9 +2.6
D24K	Happy Valley	41.73	29	P	P	06 43 55.4 +0.4
E24K	Your Creek	41.79	31	P	P	06 43 56.0 +0.4
C24K	Franklin Bluff	41.81	28	P	P	06 43 55.8 +0.2
F24K	Squaw Lake	42.01	32	P	P	06 43 57.9 +0.6
H24K	Noodor Dome	42.01	34	P	P	06 43 58.9 +1.6
SML	Sawmill	42.01	40	P	P	06 43 59.0 +1.6
COLA	College	42.04	36	P	P	06 43 58.9 +1.4
G24K	Hadweenciz Riv	42.16	33	P	P	06 43 59.5 +0.9
DHY	Denali Highway	42.35	38	P	P	06 44 01.1 +0.9
DHY	Denali Highway	42.35	38	P	P	06 44 00.8 +0.5
HDA	Harding Lake	42.45	36	P	P	06 44 01.4 +0.5
IL31	IL31	42.46	36	I Amb	I Amb	06 44 01.4 +0.5 06 44 03.8
ILAR	Eielson Array	42.46	36	P	P	06 44 01.0 +0.1
ILAR	Eielson Array	42.46	36	P	P	06 44 01.6 +0.7
ILAR	Eielson Array	42.46	36	P	P	06 44 01.7 +0.7
D25K	Kavik River	42.61	29	P	P	06 44 02.1 0.0
G25K	Bearman Lake	42.70	33	P	P	06 44 03.9 +1.0
F25K	Christian River	42.87	32	P	P	06 44 05.3 +0.3
E25K	Arctic Village	42.89	31	P	P	06 44 05.4 +1.0
PRP	Porcupine Dome	42.99	35	P	P	06 44 06.3 +0.9
PRP	Porcupine Dome	42.99	35	I Amb	I Amb	06 44 08.2
PRP	Porcupine Dome	42.99	35	P	P	06 44 07.3 +1.9
K24K	Donnelly Dome	43.00	37	P	P	06 44 05.9 +0.4
J25K	Salcha River	43.12	36	P	P	06 44 06.9 +0.5
RIDG	Independent Ri	43.42	37	P	P	06 44 10.7 +1.9
F26K	Sheenjek River	43.44	31	P	P	06 44 10.0 +1.1
C27K	Jago River	43.55	29	P	P	06 44 09.8 +0.1
G26K	Porcupine River	43.61	32	P	P	06 44 11.5 +1.3
NSCK	Sand Creek	43.78	37	P	P	06 44 12.9 +1.2
25R5	Chitina, Valde	43.80	40	P	P	06 44 12.9 +1.0
MK31	Makanchi Array	44.18	298	eP	P	06 44 15.3 +0.2
MKAR	Makanchi Array	44.18	298	P	P	06 44 15.1 0.0
MKAR	Makanchi Array	44.18	298	P	P	06 44 15.4 +0.3
MKAR	Makanchi Array	44.18	298	P	P	06 44 15.4 +0.3
E27K	Coleen River	44.37	31	P	P	06 44 17.4 +1.1
MAKZ	Makanchi	44.38	298	I Amb	I Amb	06 44 17.3 +0.7 06 44 18.3
MAKZ	Makanchi	44.38	298	P	P	06 44 17.3 +0.7
G27K	Doyon Strip	44.46	33	P	P	06 44 18.4 +1.3
D27M	Malcolm River	44.53	29	P	P	06 44 18.8 +1.1
H27K	Steamboat Moun	44.57	33	P	P	06 44 19.7 +1.7
BCAR	Beaver Creek A	44.88	38	P	P	06 44 21.5 +1.1
F28M	Old Crow	45.07	31	P	P	06 44 22.8 +1.0
E28M	Babbage River	45.10	30	P	P	06 44 23.1 +1.1
KURK	Kurchatov	45.23	304	P	P	06 44 23.3 0.0
KURK	Kurchatov	45.23	304	eP	P	06 44 23.3 0.0
KURK	Kurchatov	45.23	304	P	P	06 44 23.4 0.0 06 44 23.8 -0.2
I28M	Miner Creek	45.32	34	P	P	06 44 25.6 +1.6
E29M	Blow River	45.72	30	P	P	06 44 28.3 +1.3
DAWY	Dawson	45.77	36	P	P	06 44 28.9 +1.5
H29M	Whitestone	45.84	33	P	P	06 44 29.8 +1.9
G29M	Pine Creek	45.87	32	P	P	06 44 29.6 +1.4
I29M	Oglivie Camp	46.00	34	P	P	06 44 31.2 +1.9

BRWY	Burwash Landin	46.40	40	P	P	06 44 34.3 +1.4
EPYK	Eagle Plains	46.47	33	I Amb	I Amb	06 44 34.9 +1.9 06 44 35.8
EPYK	Eagle Plains	46.47	33	P	P	06 44 34.5 +1.6
L29M	L29M	46.50	37	P	P	06 44 36.3 +3.0
G30M	Ach Zraii Niji	46.56	32	P	P	06 44 33.9 +0.2
K29M	Barlow Dome	46.62	36	P	P	06 44 36.0 +1.8
F30M	Barrow River	46.62	31	P	P	06 44 35.2 +1.2
I30M	Mount Dempster	46.83	34	P	P	06 44 37.6 +1.8
J30M	Hart River	46.98	35	P	P	06 44 37.8 +0.8
HYT	Haines Junctio	47.31	40	I Amb	I Amb	06 44 41.6 +1.9 06 44 48.0
G31M	Sati River	47.33	32	P	P	06 44 40.0 +0.5
INK	Inuvik	47.34	30	I Amb	I Amb	06 44 40.2 +0.7 06 44 40.7
INK	Inuvik	47.34	30	P	P	06 44 40.2 +0.7
INK	Inuvik	47.34	30	P	P	06 44 39.8 +0.3
F31M	Tsighehtic	47.43	31	P	P	06 44 40.5 +0.3
H31M	Peel River	47.53	33	I Amb	I Amb	06 44 42.3 +1.1 06 44 44.1
H31M	Peel River	47.53	33	P	P	06 44 42.7 +1.4
A36M	Sachs Harbour	49.26	24	P	P	06 44 54.9 +0.6
BVAR	Borovoye Array	49.29	309	P	P	06 44 54.2 -0.6
BORK	Borovoye	49.32	310	I Amb	I Amb	06 44 55.4 +0.3 06 44 56.6
BORK	Borovoye	49.32	310	P	P	06 44 55.4 +0.3
C36M	Peauk	50.40	27	P	P	06 45 03.4 +0.4
KK31	Karatay Array	53.31	298	I Amb	I Amb	06 45 25.1 +0.1 06 45 28.2
KK31	Karatay Array	53.31	298	P	P	06 45 25.1 +0.1
KKAR	Karatay Array	53.31	298	P	P	06 45 24.8 -0.2 06 45 24.8 -0.2
KKAR	Karatay Array	53.31	298	P	P	06 45 24.8 -0.2 06 45 31.9 -0.6
KKAR	Karatay Array	53.31	298	P	P	06 45 31.8 -0.7 06 46 34.9 06 47 31.9
ARTI	Arti	54.37	317	P	P	06 53 02.5 -1.9 06 53 02.1 -5.7
NOR	Nord	55.19	357	I Amb	I Amb	06 45 36.9 -1.2 06 45 37.9
RES	Resolute Bay	55.79	16	P	P	06 45 42.1 -0.3
RES	Resolute Bay	55.79	16	P	P	06 45 42.1 -0.3
YKA	Yellowknife Ar	56.76	33	P	P	06 45 51.1 +1.6
YKA	Yellowknife Ar	56.76	33	P	P	06 45 49.2 -0.3 06 45 51.9 +2.4
YKA	Yellowknife Ar	56.76	33	I Amb	I Amb	06 45 51.9 +2.4
AB31	Abkulak array	56.84	309	P	P	06 45 50.6 +0.3
ABKAR	Abkulak array	56.84	309	P	P	06 45 50.4 +0.1
KIRV	Kirov	57.60	322	eP	P	06 45 56.9 +1.4
NEEM	North Greenlan	59.23	4	I Amb	I Amb	06 46 06.0 -1.0 06 46 07.0
ARCES	ARCES Array B	59.56	339	P	P	06 46 08.1 -0.8
ARCES	ARCES Array B	59.56	339	P	P	06 46 08.4 -0.5
ARCES	ARCES Array B	59.56	339	P	P	06 46 08.4 -0.5
DAG	Danmarks Havn	59.99	356	I Amb	I Amb	06 46 11.4 -0.3 06 46 11.6
POIN	Pond Inlet	60.50	14	P	P	06 46 14.8 -0.5
POIN	Pond Inlet	60.50	14	I Amb	I Amb	06 46 40.2 -0.2
KLMR	Klimovskoe	60.54	327	eP	P	06 46 13.0 -2.8
KLMR	Klimovskoe	60.54	327	P	P	06 46 16.7 -0.1 06 46 22.1 -0.3
BLKN	Baker Lake	62.38	26	P	P	06 46 28.0 -0.1 06 46 29.9
ILON	Ilgoolik, Nuna	62.42	17	P	P	06 46 27.7 -0.6
WR8	Warramunga Arr	63.66	192	I Amb	I Amb	06 46 37.3 +0.2 06 47 14.8
WRA	Warramunga Arr	63.68	192	P	P	06 46 37.1 -0.1
WRA	Warramunga Arr	63.68	192	P	P	06 46 37.1 -0.1
SUMG	Summit	64.56	2	P	P	06 46 43.8 +1.0 06 46 43.8 +1.0
SUMG	Summit	64.56	2	P	P	06 46 43.8 +1.0
SUMG	Summit	64.56	2	I Amb	I Amb	06 46 43.0 +0.2 06 46 44.7
FIA1	FINESS Array B	65.07	333	P	P	06 46 45.6 -0.2
FINES	FINESS Array B	65.07	333	P	P	06 46 45.3 -0.5
FINES	FINESS Array B	65.07	333	P	P	06 46 45.9 +0.1
FINES	FINESS Array B	65.07	333	I Amb	I Amb	06 46 45.5 -0.3
SAATT	Saattut	65.66	6	I Amb	I Amb	06 46 49.6 +0.2 06 46 50.2
FCC	Fort Churchill	66.95	29	P	P	06 46 58.5 +0.6
FCC	Fort Churchill	66.95	29	P	P	06 46 58.5 +0.6
VSU	Vasula	66.99	330	eP	P	06 46 57.0 -1.1
ASAR	Alice Springs	67.40	192	P	P	06 47 01.5 +0.4
ASAR	Alice Springs	67.40	192	P	P	06 47 00.6 -0.6
NVAR	Mina Array Bea	68.58	57	P	P	06 47 09.9 +1.1
NVAR	Mina Array Bea	68.58	57	P	P	06 47 08.7 -0.1 06 47 09.2 0.0
YMR	Madison River	68.90	48	I Amb	I Amb	06 47 11.4 +0.7 06 47 16.9
KBZ	Khabaz	69.62	311	P	P	06 47 15.9 +1.1
NC303	NORSAR Array S	69.70	338	I Amb	I Amb	06 47 15.4 +0.4 06 47 16.2
NC405	NORSAR Array S	69.70	338	P	P	06 47 15.5 +0.4
NC204	NORSAR Array S	69.82	339	P	P	06 47 16.3 +0.5
NB2	NORSAR Subarra	69.90	338	P	P	06 47 16.5 +0.2

NOA	NORSAR Array B	69.90	338	P	P	06 47 16.1 -0.2
HFS	Hagfors	69.96	337	P	P	06 47 16.3 -0.4
NAO01	NORSAR Array S	70.15	338	I Amb	I Amb	06 47 18.6 +0.7 06 47 18.7
PDAR	Pinedale Array	70.91	49	P	P	06 47 23.1 0.0
PDAR	Pinedale Array	70.91	49	P	P	06 47 22.7 -0.4 06 47 26.1 -0.7
AKASG	Malin Array Be	71.61	323	I Amb	I Amb	06 47 26.4 -0.4 06 47 26.5 -0.4
AKBB	Malin Array Si	71.61	323	P	P	06 47 26.3 -0.5
AKBB	Malin Array Si	71.61	323	I Amb	I Amb	06 47 26.3 -0.5
EPL0	Experimental L	73.83	36	P	P	06 47 40.8 +0.8 06 47 48.5 -0.7
FORT	Forrest	73.83	196	I Amb	I Amb	06 47 40.8 +0.8 06 48 30.5
BUR08	Bucovina Ar. S	75.65	323	P	P	06 47 51.4 +0.7
BURAR	Bucovina Array	75.67	323	I Amb	I Amb	06 47 51.2 +0.4 06 47 54.2
CLL	Collim	77.50	332	I Amb	I Amb	06 48 02.2 +1.3
CLL	Collim	77.50	332	I Amb	I Amb	06 48 02.2 +1.3
SCHO	Schefferville	78.47	19	P	P	06 48 06.0 -0.3
SCHO	Schefferville	78.47	19	I Amb	I Amb	06 48 06.1 -0.1 06 48 49.4
EKA	Eskdalemuir Ar	78.49	343	P	P	06 48 06.5 +0.1
EKB	Eskdalemuir	78.50	343	I Amb	I Amb	06 48 06.7 +0.3 06 48 25.1
ESK	Eskdalemuir	78.51	343	I Amb	I Amb	06 48 06.5 +0.1 06 48

MKAR 0.1nm,0.3s,baz=30,slow=23,SNR=1.7

SSNC 16 07:18:40.3; 1.1, 17.56N; 70:97W, h7km, 14km, ML3.2, Presumed earthquake
OSPL 16 07:18:42.4; 2.4, 19.67N; 70:02W, h5km, 12km, ML2.5, Presumed earthquake
SDD 16 07:18:44.1; 2.3, 19.59N; 70:17W, h4km, 9km, MD2.9, ML2.6, MW2.6, Presumed earthquake

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CABRERA, NAGUA, SANTIAGO DE LO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LUPERA, MAO VALVERDE, PUNTA RUSIA, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SMDR SAMANA, HATO MAYOR DEL, PRESA DE SABAN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SDR PRESA DE SABAN, SDR PRESA DE SABAN, SDR PRESA DE SABAN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SDR PRESA DE SABAN, SDR PRESA DE SABAN, SDR PRESA DE SABAN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SDR PRESA DE SABAN, SDR PRESA DE SABAN, SDR PRESA DE SABAN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like REDR RESTAURACION, BANI, MCDR MONTECRISTI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LONE3 EL AGUACATE, NEDR NEIBA UASD, HIDR HIGUEY CENTRO, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LODU1 EI ESPARTILLAR, JIDR JIMANI, GRTK GRAND TURK, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PCDR PUNTA CANA, LOBH BAHIA DE LAS A, MASC MASC, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BER 16 07:20:20.6; 2.9, 71.70N; 82:90W, h10km, Mw4.0, Confirmed Earthquake

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SCO DANMARKS HAVN, DAG DANMARKS HAVN, LOF LOTOFEN, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like HSPB HORSUND, STEI STEIGEN, TRO TROMSO, etc.

Table with columns: SPA0 Spitsbergen Ar, LEIR Leirfjorden, MOR8 Mol Rana, KIF Kilipisjarvi, KOVU Salmi, SAU Saitoluokta, NSS Namoss, KTK1 Kautokaino, LANU Lantavaara, HEF Hetta, ARCES ARCES Array B, ARC5 ARCES Array B

Table with columns: SOFL Sornfelli, NOR Nord, AKR Aaknes, HYA Hoyanger, ASK Askoy, NOA NORSAR Array B, HFS Hagfors, FINES FINESSE Array B, EKA Eskdalemuir

Table with columns: AKASE Malin Array Be, AKASO, INK Inuvik, KURBB Kurchatov Arra, YAK Yakutsk

Table with columns: SJA 16 07:22:46.8; 0.7, 20.87S; 69:10W, h117km, 3km, ML3.5, MW3.5, GUC 16 07:22:49.1; 0.5, 20.86S; 69:09W, h109km, 2km, ML3.5

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PB01 IPOC Station P, PB01 IPOC Station P, PB01 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PB08 IPOC Station P, PB08 IPOC Station P, PB08 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PB02 IPOC Station P, PB02 IPOC Station P, PB02 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PB09 IPOC Station P, PB09 IPOC Station P, PB09 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TA02 Huaiguaique, TA02 Huaiguaique, TA02 Huaiguaique, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GO01 Chusmiza, GO01 Chusmiza, GO01 Chusmiza, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PB03 IPOC Station P, PB03 IPOC Station P, PB03 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PB06 IPOC Station P, PB06 IPOC Station P, PB06 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AF01 San Pedro de A, PB12 IPOC Station P, PB12 IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AP01 Chacalluta, AP01 Chacalluta, AP01 Chacalluta, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PB10 IPOC Station P, PB10 IPOC Station P, PB10 IPOC Station P, etc.

Table with columns: LPAZ La Paz, LPAZ La Paz

IDC 16 07:42:34.6; 1.3, 25.04N; 123:63E, h0km, mb3.8/5, mbtmp3.7/6, ML3.6/1, MS3.2/18, Error ellipse: s-maj=69.4km s-min=19.4km az=68.0

NIED 16 07:42:36.5; 2.4, 29.11N; 123:36E, h20km, MW4.0, Moment Tensor Solution, s2 Moment tensor, Scale 1015Nm, M1=1.03, M2=1.03, M3=0.00, M4=0.26, M5=0.28, M6=0.06; Fault plane solution: Mo1.10000x1015 Np1: phi112.00000, delta33.00000, lambda79.00000. NP2: phi278.00000, delta2.00000, lambda99.00000

JMA 16 07:42:36.5; 0.2, 24.9N; 0.7, 123.4E; 0.4, h20km, 4km, MD4.2/12, MV3.5/12, NW OFF ISHIGAKI JIMA IS

ISC 16 07:42:35.6; 1.7, 24.94N; 0.07x123.39E; 0.05, h8km, 12km, n31, phi93/23, mb3.7/5, MS3.2/14, Southwestern Ryukyu Islands

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

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

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

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

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

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

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

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

Table of astronomical observations for 16d 8h, listing stations like Urumqi, Inuvik, Pinedale, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2020 JUN, listing stations like RCHB, BMRD, MOTA, etc., with columns for station name, coordinates, and observation details.

Table of astronomical observations for 2020 JUN, listing stations like MAJO, MAJO, MAJO, etc., with columns for station name, coordinates, and observation details.

Table with columns: BVAR, Borovoye Array, 20.37 350 P, Pn, 08 45 07.6 -1.2, etc.

Table with columns: MBWA Marble Bar, 17.54 215 P, Pn, 08 48 04.7 -1.4, etc.

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, etc.

NIED 16 08:41:24.1, 24.87N; 123.34E, h33km, MW3.9 Moment Tensor Solution...

VNDA Vanda, 72.50 173 P, P, 08 55 25.9 +1.4

Code Station Name A° AZ° Phase ID Time Res

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, etc.

WVDA Vanda, 72.50 173 P, P, 08 55 25.9 +1.4

Code Station Name A° AZ° Phase ID Time Res

IDC 16 08:43:59.7, 1.0, 7.14S; 130.53E, h0km, mb4.2/4, mbmp3.6/6, ML2.5/1, MS3.6/3, Error ellipse: s-maj=28.4km...

IDC 16 08:47:12.0, 0.1, 2.24N; 122.40E, h0km, mb3.7/5, mbmp3.6/6, ML2.5/1, MS3.6/3, Error ellipse: s-maj=71.1km...

Code Station Name A° AZ° Phase ID Time Res

NEIC 16 08:44:06.8, 1.8, 6.90S; 0.05; 130.36E; 0.04, h66km, 8km, mb4.4/1.1, Error ellipse: s-maj=8.8km s-min=4.9km...

JMA 16 08:41:24.1, 0.3, 25.25N; 123.3E; 0.6, h33km, MD4.2/12, MV3.2/12, NW OFF ISHIGAKIJIMA IS

Code Station Name A° AZ° Phase ID Time Res

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, etc.

SOMM Songino Array, 26.61 334 P, P, 08 52 51.0 +1.9

Code Station Name A° AZ° Phase ID Time Res

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, etc.

MBAR Mbarara, 92.51 270 LR, LR, 09 42 42.5

Code Station Name A° AZ° Phase ID Time Res

Table with columns: Code, Station Name, A° AZ°, Phase ID, Time Res, etc.

JMA 16 08:54:32.0, 0.2, 36.30N; 0.7; 138.8E; 0.9, h147km, 1km, MV3.2/37, SE GUNMA PREF

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

IDC 16 08:55:46.3, 1.0, 2.25N; 175.18W, h0km, mb3.9/4, mbmp4.1/7, ML5.3/2, MS3.0/4, Error ellipse: s-maj=32.2km...

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

NEIC 16 08:55:47.2, 1.4, 25.93S; 0.06; 174.9W; 0.1, h10km, 1km, mb4.5/1.3, Error ellipse: s-maj=17.6km s-min=8.9km...

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

IDC 16 08:55:51.0, 0.9, 26.03S; 0.08; 175.2W; 0.1, h35km, n43, s-172; 3.5, mb4.3/3, MS3.0/3, South of Tonga Islands

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

JMA 16 08:54:32.0, 0.2, 36.30N; 0.7; 138.8E; 0.9, h147km, 1km, MV3.2/37, SE GUNMA PREF

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

IDC 16 08:55:46.3, 1.0, 2.25N; 175.18W, h0km, mb3.9/4, mbmp4.1/7, ML5.3/2, MS3.0/4, Error ellipse: s-maj=32.2km...

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

NEIC 16 08:55:47.2, 1.4, 25.93S; 0.06; 174.9W; 0.1, h10km, 1km, mb4.5/1.3, Error ellipse: s-maj=17.6km s-min=8.9km...

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

IDC 16 08:55:51.0, 0.9, 26.03S; 0.08; 175.2W; 0.1, h35km, n43, s-172; 3.5, mb4.3/3, MS3.0/3, South of Tonga Islands

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

JMA 16 08:54:32.0, 0.2, 36.30N; 0.7; 138.8E; 0.9, h147km, 1km, MV3.2/37, SE GUNMA PREF

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

IDC 16 08:55:46.3, 1.0, 2.25N; 175.18W, h0km, mb3.9/4, mbmp4.1/7, ML5.3/2, MS3.0/4, Error ellipse: s-maj=32.2km...

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AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

NEIC 16 08:55:47.2, 1.4, 25.93S; 0.06; 174.9W; 0.1, h10km, 1km, mb4.5/1.3, Error ellipse: s-maj=17.6km s-min=8.9km...

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

IDC 16 08:55:51.0, 0.9, 26.03S; 0.08; 175.2W; 0.1, h35km, n43, s-172; 3.5, mb4.3/3, MS3.0/3, South of Tonga Islands

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

JMA 16 08:54:32.0, 0.2, 36.30N; 0.7; 138.8E; 0.9, h147km, 1km, MV3.2/37, SE GUNMA PREF

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

IDC 16 08:55:46.3, 1.0, 2.25N; 175.18W, h0km, mb3.9/4, mbmp4.1/7, ML5.3/2, MS3.0/4, Error ellipse: s-maj=32.2km...

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

NEIC 16 08:55:47.2, 1.4, 25.93S; 0.06; 174.9W; 0.1, h10km, 1km, mb4.5/1.3, Error ellipse: s-maj=17.6km s-min=8.9km...

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

IDC 16 08:55:51.0, 0.9, 26.03S; 0.08; 175.2W; 0.1, h35km, n43, s-172; 3.5, mb4.3/3, MS3.0/3, South of Tonga Islands

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

JMA 16 08:54:32.0, 0.2, 36.30N; 0.7; 138.8E; 0.9, h147km, 1km, MV3.2/37, SE GUNMA PREF

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

IDC 16 08:55:46.3, 1.0, 2.25N; 175.18W, h0km, mb3.9/4, mbmp4.1/7, ML5.3/2, MS3.0/4, Error ellipse: s-maj=32.2km...

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

NEIC 16 08:55:47.2, 1.4, 25.93S; 0.06; 174.9W; 0.1, h10km, 1km, mb4.5/1.3, Error ellipse: s-maj=17.6km s-min=8.9km...

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

IDC 16 08:55:51.0, 0.9, 26.03S; 0.08; 175.2W; 0.1, h35km, n43, s-172; 3.5, mb4.3/3, MS3.0/3, South of Tonga Islands

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

JMA 16 08:54:32.0, 0.2, 36.30N; 0.7; 138.8E; 0.9, h147km, 1km, MV3.2/37, SE GUNMA PREF

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

IDC 16 08:55:46.3, 1.0, 2.25N; 175.18W, h0km, mb3.9/4, mbmp4.1/7, ML5.3/2, MS3.0/4, Error ellipse: s-maj=32.2km...

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

NEIC 16 08:55:47.2, 1.4, 25.93S; 0.06; 174.9W; 0.1, h10km, 1km, mb4.5/1.3, Error ellipse: s-maj=17.6km s-min=8.9km...

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

IDC 16 08:55:51.0, 0.9, 26.03S; 0.08; 175.2W; 0.1, h35km, n43, s-172; 3.5, mb4.3/3, MS3.0/3, South of Tonga Islands

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

JMA 16 08:54:32.0, 0.2, 36.30N; 0.7; 138.8E; 0.9, h147km, 1km, MV3.2/37, SE GUNMA PREF

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

IDC 16 08:55:46.3, 1.0, 2.25N; 175.18W, h0km, mb3.9/4, mbmp4.1/7, ML5.3/2, MS3.0/4, Error ellipse: s-maj=32.2km...

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

NEIC 16 08:55:47.2, 1.4, 25.93S; 0.06; 174.9W; 0.1, h10km, 1km, mb4.5/1.3, Error ellipse: s-maj=17.6km s-min=8.9km...

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

IDC 16 08:55:51.0, 0.9, 26.03S; 0.08; 175.2W; 0.1, h35km, n43, s-172; 3.5, mb4.3/3, MS3.0/3, South of Tonga Islands

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

JMA 16 08:54:32.0, 0.2, 36.30N; 0.7; 138.8E; 0.9, h147km, 1km, MV3.2/37, SE GUNMA PREF

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

IDC 16 08:55:46.3, 1.0, 2.25N; 175.18W, h0km, mb3.9/4, mbmp4.1/7, ML5.3/2, MS3.0/4, Error ellipse: s-maj=32.2km...

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

NEIC 16 08:55:47.2, 1.4, 25.93S; 0.06; 174.9W; 0.1, h10km, 1km, mb4.5/1.3, Error ellipse: s-maj=17.6km s-min=8.9km...

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

IDC 16 08:55:51.0, 0.9, 26.03S; 0.08; 175.2W; 0.1, h35km, n43, s-172; 3.5, mb4.3/3, MS3.0/3, South of Tonga Islands

Code Station Name A° AZ° Phase ID Time Res

AS01 Alice Springs, 17.02 169 P, P, 08 47 56.7 -1.9

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Includes stations like IRES, ZARE, PILE, TAAN, EGBU, etc.

RSNC 16 09:15:09.0.0.9 N1.7x7.3W1.1, h115km, 2km, M3.1, mB4.4, mb3.5, ML2.8, Mw(MB)3.6

FUNUV 16 09:15:11.9.9.09N.73.37W, h35km, MW3.8, Presumed earthquake

ISC 16 09:15:08.7.1.4.9.08N.0.04x73.41W.0.04, h113km, 13km, n30, c1938/54, Northern Colombia

Main station list table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Lists numerous stations and their associated data.

NNC 16 09:21:28.6.4.2.36.79N.70.90E, h0km, mb5.7, mpv5.9, Error ellipse: s-maj=34.1km s-min=24.8km az=4.0

MOS 16 09:21:35.8.0.9.36.64N.71.07E, h231km, mb5.0/42, Error ellipse: s-maj=5.0km s-min=3.3km az=92.4

BUI 16 09:21:36.3.6.36.82N.71.00E, h231km, mb4.8/14, mb4.6/44

NEIC 16 09:21:37.4.1.6.36.67N.0.06-71.03E.0.0, h229km, 5km, mb5.0/325, Error ellipse: s-maj=10.1km s-min=9.1km az=100.0

GCMT 16 09:21:37.4.0.3.36.56N.0.03-70.90E.0.03, h226km, 3km, MW4.9/93, Moment Tensor Solution. s27.c29: s93.c119;

Duration: 0 Moment tensor: Scale 10^10Nm; Mr1.87±.11; Mw1.45±.17; M0-0.41±.17; M1-1.76±.10; M2-0.30±.14; M3-1.69±.10; Best double couple: Me2.95300-0.1016

NP1.3e262.00000°, 61.9.00000°, 1.81.00000°. NP2: 0e52.00000°, 873.00000°, 1.81.00000°. Principal axes: T 3.2200, P1661.0000°, Azm309.0000°, N -0.5300,

P169.0000°, Azm5.0000°, P -2.6800, P167.0000°, Azm150.0000°, Azm1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

IDC 16 09:21:37.6.0.5.36.57N.71.07E, h239km, 4km, mb4.6/32, mbmp5.2/37, Error ellipse: s-maj=8.5km s-min=6.5km az=17.0

ISC 16 09:21:37.0.0.2.36.63N.0.03-71.07E.0.03, h231km, 2km, h231km, pP-N, 01055, 01511/1080, mb4.9/354, 60C-39D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Lists stations in the Afghanistan-Tajikistan border region.

Main station list table (continued) with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Lists numerous stations and their associated data.

Main station list table (continued) with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Lists numerous stations and their associated data.

NOR	comp=Z,75nm,1.7s	I	Amb	I	Amb	09 30 36.0			
RSBS	Rosebush, Pemb	53.94 312	eP	P	P	09 30 36.1 -0.6			
HTL	Hartland	54.04 311	eP	I	Amb	09 30 36.9 -0.6			
SEY	comp=Z,21nm,0.7s					09 30 39.3			
SEY	Seymchan	54.28 34	iP	P	P	09 30 39.7 +0.8			
SBD	comp=Z,15nm,1.1s								
ILTH	Saint Erward	54.28 310	eP	P	P	09 30 38.6 -0.5			
DLB	Belurgan, Co L	54.33 315	P	P	P	09 30 39.3 -0.1			
DAG	Dublin	54.56 314	P	P	P	09 30 41.7 +0.6			
DAG	Danmarks Havn	54.62 344	iP	P	P	09 30 41.8 +0.6			
IDGL	comp=Z,54nm,0.8s					09 30 42.6			
IDGL	Inch Island, C	54.72 316	P	P	P	09 30 42.8 +0.6			
IDGL	Inch Island, C	54.72 316	eP	I	Amb	09 30 42.4 +0.2			
CCA1	comp=Z,11nm,0.7s								
CCA1	Carmenellis	54.72 310	eP	I	Amb	09 30 41.8 -0.6			
IWEX	comp=Z,21nm,0.7s								
IWEX	Carrickbyrne, Carrickbyrne,	55.03 313	P	P	P	09 30 44.9 +0.4			
IWEX	Carrickbyrne,	55.03 313	eP	I	Amb	09 30 44.5 +0.1			
DBG	comp=Z,9.7nm,0.8s								
DBG	Daneborg	55.48 341	iP	P	P	09 30 48.3 +1.0			
CART	comp=Z,14nm,0.7s								
CART	Cartagena	56.12 294	I	Amb	I	Amb	09 30 53.1		
IGLA	Glengowla, Co	56.23 315	P	P	P	09 30 53.0 0.0			
VAL	Valentia	57.20 313	P	P	P	09 31 01.3 +1.5			
ESDC	Sonsecsa Array	57.45 298	P	P	P	09 31 02.0 +0.2			
ESDC	comp=Z,10nm,0.8s, baz=60, slow=7.2, SNR=79								
TAM	Sonsecsa Array	57.45 298	P	P	P	09 31 01.1 -0.7			
TAM	Tamnarrasset	57.58 276	P	P	P	09 31 02.0 -1.1			
TAM	Tamnarrasset	57.58 276	eP	I	Amb	09 31 02.0 -1.1			
PAB	comp=Z,58nm,0.6s								
PAB	Tamnarrasset	57.58 276	P	P	P	09 31 03.1 0.0			
PAB	San Pablo	57.77 298	P	P	I	Amb	09 31 04.0 -0.1		
PAB	San Pablo	57.77 298	P	P	P	09 31 04.0 -0.1			
BILL	comp=Z,43nm,1.5s								
BILL	Bilbino	58.46 26	P	I	Amb	09 31 09.1 +0.7			
BILL	Bilbino	58.46 26	eP	P	P	09 31 09.4 +1.3			
PBRG	comp=Z,33nm,1.3s								
PBRG	Braganca	58.57 301	eP	I	Amb	09 31 09.7 +0.1			
PBRG	Alert	58.92 354	ePP	PP	PP	09 33 21.3 -0.4			
ALE	ALE		P	P	P	09 31 12.2 +1.0			
ALE	ALE		PcP	PcP	PcP	09 31 59.1 +1.3			
MVO	Moncorvo	59.02 300	eP	I	Amb	09 32 07.1 +2.9			
MVO	MVO		P	P	P	09 31 13.0 +0.3			
MVO	comp=Z,32nm,1.3s								
POLO	Lamas de Olo	59.47 301	ePP	PP	PP	09 33 29.3 +3.6			
POLO	POLO		P	P	P	09 31 16.2 +0.4			
PCAB	comp=Z,8.5nm,1.6s								
PCAB	Cabril	59.49 301	eP	I	Amb	09 31 16.5 +0.7			
PGAV	comp=Z,45nm,1.1s								
PGAV	Gavielra, Arco	59.56 302	eP	I	Amb	09 31 16.6 +0.2			
MTE	comp=Z,28nm,1.3s								
MTE	Manteigas	59.69 300	I	Amb	I	Amb	09 31 18.9		
MTE	Manteigas	59.69 300	eP	I	Amb	09 31 18.0 +0.8			
MTE	MTE		P	P	P	09 31 19.0			
MTE	comp=Z,42nm,1.2s								
PVIS	Visu	59.80 300	ePP	PP	PP	09 33 32.4 +0.9			
PCBR	Castelo Branco	59.87 299	eP	I	Amb	09 31 18.8 +0.8			
PCBR	PCBR		P	P	P	09 31 19.0 +0.6			
PMRV	comp=Z,23nm,2.0s								
PMRV	Marv??o	59.98 299	ePP	PP	PP	09 33 33.8 +0.8			
PMRV	PMRV		P	P	P	09 31 19.7 +0.5			
PBAR	comp=Z,23nm,1.7s								
PBAR	Barracons	60.25 297	eP	I	Amb	09 31 21.2 +0.2			
PESTR	comp=Z,32nm,1.7s								
PESTR	Estremoz	60.35 298	P	P	P	09 31 21.3 -0.4			
PESTR	Estremoz	60.35 298	eP	I	Amb	09 31 22.1 +0.4			
PSARD	comp=Z,29nm,1.3s								
PSARD	Sardoal	60.45 299	eP	I	Amb	09 31 22.7 +0.3			
PCAS	comp=Z,33nm,1.0s								
PCAS	Casimilto, Conde	60.49 300	eP	I	Amb	09 31 22.2 -0.4			
PARRA	comp=Z,32nm,1.6s								
PARRA	Arraiolos	60.69 298	eP	I	Amb	09 31 24.5 +0.5			
PMTG	comp=Z,14nm,1.2s								
PMTG	Montargil	60.72 299	eP	I	Amb	09 31 24.6 +0.5			
EVO	comp=Z,15nm,2.3s								
EVO	Evora	60.79 298	eP	I	Amb	09 31 24.9 +0.3			
MD01	comp=Z,28nm,1.8s								
MD31	Midelt array s	60.88 291	P	P	P	09 31 24.9 -0.7			
PBEJ	MD31	60.89 291	P	P	P	09 31 25.0 -0.5			
PBEJ	Beja	60.90 298	eP	I	Amb	09 31 25.8 +0.4			
NEEM	comp=Z,26nm,1.6s								
NEEM	North Greenlan	60.92 348	iP	P	P	09 31 26.0 +0.8			
PSBE	comp=Z,47nm,0.9s								
PSBE	So Bento	60.93 299	eP	I	Amb	09 31 26.5 +0.9			
SUMG	comp=Z,58nm,1.6s								
SUMG	Summit	60.96 341	P	P	P	09 31 26.4 +0.7			
SUMG	Summit	60.96 341	P	P	P	09 31 26.4 +0.7			
SUMG	comp=Z,49nm,0.8s								
SUMG	Summit	60.96 341	iP	P	P	09 31 26.9 +1.1			
MOE	comp=Z,54nm,0.9s								
MOE	Montemor	61.03 298	eP	I	Amb	09 31 26.7 +0.4			
PVAQ	comp=Z,39nm,1.4s								
PVAQ	Vaqueiros	61.06 297	I	Amb	I	Amb	09 31 27.5		
PVAQ	Vaqueiros	61.06 297	eP	I	Amb	09 31 26.8 +0.2			
PCVE	comp=Z,34nm,1.7s								
PCVE	Castro Verde	61.20 297	eP	I	Amb	09 31 27.9 +0.5			
MESJ	comp=Z,22nm,1.4s								
MESJ	Messejana	61.24 297	eP	I	Amb	09 31 27.7 0.0			
MESJ	Messejana	61.24 297	eP	I	Amb	09 31 29.1			
MESJ	Messejana	61.24 297	I	Amb	I	Amb	09 31 28.9		
MESJ	Messejana	61.24 297	eP	P	P	09 31 27.7 0.0			
MESJ	Messejana	61.24 297	eP	P	P	09 31 28.1 +0.5			
PBDV	comp=Z,31nm,1.4s								
PBDV	Barranco-do-Ve	61.29 297	ePP	PP	PP	09 33 46.7 +1.6			
PBDV	PBDV		P	P	P	09 31 28.5 +0.6			
PMAFR	comp=Z,39nm,1.3s								
PTEO	Mafr	61.51 299	eP	P	P	09 31 29.1 -0.4			
PTEO	Sao Teotonio	61.72 297	eP	I	Amb	09 31 31.4 +0.5			
PTEO	PTEO		P	P	P	09 32 28.9			
PTEO	comp=Z,35nm,1.2s								
PFVI	Vila Bisbo	61.98 297	ePP	PP	PP	09 33 50.6 +1.1			
PFVI	PFVI		P	P	P	09 31 33.1 +0.4			
PFVI	PFVI		P	P	P	09 31 35.5			
VOI	comp=Z,35nm,1.7s								
VOI	Vohitsoka	62.58 205	P	P	P	09 31 36.9 +0.1			
VOI	Vohitsoka	62.58 205	P	P	P	09 31 37.5 +0.8			
KULLO	Kullorsuaq	63.96 346	iP	P	P	09 31 45.0 +0.1			
KULLO	KULLO		I	Amb	I	Amb	09 31 46.2		

TULEG	comp=Z,33nm,0.9s								
TULEG	Thule	64.32 350	iP	P	P	09 31 47.2 -0.1			
EDA	comp=Z,54nm,1.2s								
EDA	Edeea	64.59 255	P	I	Amb	09 31 48.8 -1.3			
EDA	Edeea	64.59 255	P	I	Amb	09 31 50.0			
LSZ	comp=Z,28nm,0.8s								
LSZ	Edeea	64.59 255	P	P	P	09 31 49.2 -0.9			
LSZ	Lusaka	65.59 226	I	Amb	I	Amb	09 31 56.5 0.0		
LSZ	comp=Z,21nm,0.8s								
LSZ	Lusaka	65.59 226	P	P	P	09 31 57.5			
LSZ	comp=Z,21nm,0.8s								
LSZ	Lusaka	65.59 226	P	P	P	09 31 56.5 0.0			
LSZ	comp=Z,21nm,0.8s								
LSZ	Lusaka	65.59 226	P	P	P	09 31 57.0 +0.5			
TORD	comp=Z,28nm,0.6s								
TORD	Tordi Ar. Bea	65.78 269	P	P	P	09 31 56.8 +0.4			
TORD	comp=Z,28nm,0.6s								
TORD	Saqqaaq	65.78 269	iP	P	P	09 31 55.9 -1.8			
TORD	Saqqaaq	65.78 269	P	I	Amb	09 31 56.0 -1.6			
TORD	Saqqaaq	65.78 269	P	I	Amb	09 31 58.1 0.0			
ILULI	comp=Z,22nm,0.8s								
ILULI	Ilulissat	66.30 341	iP	I	Amb	09 32 00.5 +0.4			
A19K	Wainwright	67.02 17	P	P	P	09 32 05.9 +1.3			
A21K	Barrow	67.17 15	P	P	P	09 32 06.4 +0.9			
C16K	Lisburne Hills	67.31 20	I	Amb	I	Amb	09 32 07.9		
C16K	Lisburne Hills	67.31 20	P	P	P	09 32 06.9 +0.4			
SFJD	Kangerlussuaq	67.66 339	P	P	P	09 32 08.7 +0.1			
SFJD	Kangerlussuaq	67.66 339	P	P	P	09 32 08.7 +0.1			
SFJD	comp=Z,145nm,2.0s								
SFJD	Kangerlussuaq	67.66 339	iP	I	Amb	09 32 08.7 +0.1			
C17K	Delong Mountain	67.75 19	P	P	P	09 32 10.1 +0.8			
A22K	Red Dog Mine	67.76 15	P	P	P	09 32 10.2 +1.0			
B20K	Meade River	68.07 16	P	P	P	09 32 12.0 +0.8			
RDOO	Red Dog Mine	68.12 19	P	P	P	09 32 11.7 +0.2			
C18K	Utukok River	68.13 18	I	Amb	I	Amb	09 32 13.2		
C18K	Utukok River	68.13 18	P	P	P	09 32 12.3 +0.6			
C19K	Lookout Ridge	68.19 17	P	P	P	09 32 13.0 +1.0			
D17K	Noatak River	68.33 19	P	P	P	09 32 13.4 +0.6			
GAMB	Gambell	68.36 25	P	P	P	09 32 13.7 +0.7			
TNA	Tin City	68.42 23	P	P	P	09 32 14.1 +0.7			
B22K	Teshchepuk Lake	68.61 15	P	P	P	09 32 15.3 +0.9			
POIN	Pond Inlet	68.87 351	P	I	Amb	09 32 17.0 +1.0			
POIN	POIN		P	P	P	09 32 17.8			
B21K	Ikpikup River	68.93 16	P	P	P	09 32 17.5 +1.0			
F14K	Arctic Creek	68.97 22	P	P	P	09 32 17.9 +1.1			
D19K	Kuna River	69.00 17	P	P	P	09 32 17.6 +0.5			
E17K	Hoatham Inlet	69.11 20	P	P	P				

Table with columns: PB10, PB14, AC02, AC01, PLCA. Includes station names like IPOC Station P, Maricunga, Pan de Azucar, Paso Flores and various parameters like 144.55 281, 144.98 279, etc.

CATAC 16 09:21:47.3:0.5, 12°N2'x8'8W', h27km, M3.7/2.5, MLv3.7/2.5, Error ellipse: s-maj=4.3km s-min=1.9km az=29.1, confirmed

UCR 16 09:21:57.0:0.7, 11°57'N:86°7'W, h8km, 54km, MW3.9, Presumed earthquake

ISC 16 09:21:46.1:1.8, 11.59N:0.04:87.49W:0.06, h4km, 11km, n75, c152/76, Near coast of Nicaragua

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ALEN Leon, MACN El Madrono, CNGA AI SSO del Vol, etc.

IDC 16 09:45:54.6:1.1, 11°80'N:87°24'W, h0km, mb3.7/6, mbtmp3.7/7, ML2.4/2, Error ellipse: s-maj=54.5km s-min=15.2km az=50.0

CATAC 16 09:45:55.2:0.3, 12°N2'x8'8W', h12km, M4.1/3.0, MLv4.1/3.0, Error ellipse: s-maj=5.2km s-min=2.7km az=26.9, confirmed

UCR 16 09:46:03.6:0.5, 11°52'N:86°85'W, h2km, 113km, MW3.9, Presumed earthquake

ISC 16 09:45:54.0:1.6, 11.56N:0.04:87.58W:0.04, h5km, 10km, n77, c154/93, mb3.8/6, 8C-5D, Near coast of Nicaragua

Continuation of station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ALEN Leon, MACN El Madrono, CNGA AI SSO del Vol, etc.

Table with columns: ALIBA, LALP, LDFC, VRELA, VEJJA, GRSI, OCON, GPCS, RCON, ACON, COEG, RCVN, JUDD, RCPN, CLARA, BAGA, PLVR, HORNC, PAVA, VMAR, CMARA, TAMP, JAYA, QUEB, JTS, JTS, JTS, MTEVE, CASO, ARET, VAREZ, CEDE, LAFE, NUBE, FAME, MTO3, PTDOS, ALTO, ACOS, PICV, PITB, RIEG, APG, SAJE, EDPE, TXAR, LPAZ, PDAR, SIV, SCHO, BDFB, WRA, CMAR. Includes station names and parameters like 2.21 115 eP, 2.25 110 eP, etc.

FUNUV 16 09:56:43.8, 10°06'N:61°85'W, h40km, MW4.4, Presumed earthquake

TRN 16 09:56:43.6, 10°33'N:62°10'W, h3km, MD4.3, Gulf of Paria, IDC 16 09:56:44.0:2.5, 10°33'N:62°08'W, h39km, 22km, mb3.6/1.1, mbtmp4.0/1.4, ML3.7/3, MS3.2/8, Error ellipse: s-maj=19.2km s-min=17.3km az=139.0

NEIC 16 09:56:44.3:1.2, 10°12'N:62°04'W:0.08, h42km, 9km, mb4.4/2.2, Error ellipse: s-maj=12.3km s-min=3.9km az=114.0

ISC 16 09:56:42.1:2.1, 10°17'N:0.05:62.05W:0.05, h29km, 9km, n108, c187/121, mb4.3/2.1, MS3.4/4, IC, Near coast of Venezuela

Continuation of station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like TPP Pointe-a-Pierr, DMDDM Guratp CMGSDTE, PSGH Port of Spain, TRN Trinidad (W), GRFF Grenada Fort F, GRGR Grenville, GRSS Sisters, GCMP Grenada, Carri, SLAC Saint Lucia, A, SLCP Castries, St., SLBI Saint Lucia, B, HOSS1 Guadeloupe/Mar, SPMON Morne Pois Mar, BIM Bigot, BMM Bigot, BXM Bigot, FDFM Morne la Roset, CXM Morne La Croix, FUNV Funv, SVN Savane Anatole, DLSB Salsbury, DWS Wesley, TDBA Terre de Bas, TBG Guadeloupe-3, MMLZ Guadeloupe Bro, CBE Ft. Capester, GDHS Morne Mazaean, HO5N1 Guadeloupe/Mar, MBWH Windy Hill, SKM Kitts, SEUS St. Eustatius, ANWB Willy Bob, ANWB Willy Bob, BOAV Boa Vista, SMRT St. Maarten, SDV Santo Domingo, SDV Santo Domingo.

Main station list table with columns: SDV, SDV, SDV, SDV, ECRP, CRPR, AGPR, MDP, MDP, PAMC, DR12, OCAC, BANI, BANI, BANI, RUSC, RUSC, SDDR, SPBC, PTBC, CHIC, SICC, BOG, BOG, CVER, ROSE, ROSE, ROSE, UREC, URM, GUYZ, PRAC, CBCC, PLMC, CZSB, CZSB, ATAH, LPAZ, LPAZ, TEIG, TEIG, PB16, CMIG, PB07, PB07, WVT, WVT, FCAR, FCAR, S39A, S39A, BRDY, JCT, JCT, X3A, APMT, APMT, TXAR, TXAR, MSTX, MSTX, TPB28, ANMO, ANMO, UNMO, UNMO, PLCA, PDAR, PDAR, PDAR, PFO, ESDD, YKA, ILAR, ILAR, FINES, FINES, FINES, HHC, PZH, CMAR, WRA, KOLA, HEL, IDC, IDC, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like Santo Domingo, Pamplona, Ocas, Bani, Rusc, SDDR, SPBC, PTBC, CHIC, SICC, BOG, CVER, ROSE, UREC, URM, GUYZ, PRAC, CBCC, PLMC, CZSB, ATAH, LPAZ, TEIG, PB16, CMIG, PB07, WVT, FCAR, S39A, BRDY, JCT, X3A, APMT, TXAR, MSTX, TPB28, ANMO, UNMO, PLCA, PDAR, PFO, ESDD, YKA, ILAR, FINES, HHC, PZH, CMAR, WRA, KOLA, HEL, IDC, IDC.

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like KU6, MSF, OLKF, NIF, JOF, OUL, KVD, KVA, MERIJARVI, OUF, ROVANIEMI, SYOLATTI, SUMIAINEN, TORNIO, APATITY ARRAY, VARRIO, LVZ, KEF, KLF, PAJU, VAF, FIAO, FINES, ERTU, UIMAU, VJF, HEF, ARCES, I37NO, FAUS, HFS.

DNK 16 10:01:07.5, 1.8, 54.32N, 18.74E, h0km, ML2.7, Suspected explosion

UPP 16 10:01:09.2, 3.0, 54.38N, 18.63E, h0km, ML2.5, Presumed earthquake

IDC 16 10:01:12.9, 3.3, 54.65N, 18.78E, h0km, mbmp3.2/4, ML2.4/3, Error ellipse: s-maj=31.4km s-min=21.0km az=4.0

ISC 16 10:01:06.5, 1.7, 54.56N, 18.86E, h0km, n27, 0.189/42, Poland

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like BSD, BLEU, BYXU, OSKU, GOTL, VXJU, LUNU, VSTU, DEL, EKSU, FABU, BORU, ONSA, MORC, TJOU, HFS, HFS, NOA, FINES, ARCES.

NNC 16 10:13:26.6, 0.5, 42.72N, 75.84E, h0km, mb3.3, mpv3.1, Error ellipse: s-maj=6.2km s-min=2.1km az=161.0

KRNET 16 10:13:27.1, 0.1, 42.74N, 75.78E, h21km, mb2.6

SOME 16 10:13:27.5, 42.72N, 75.82E, h10km

KNE 16 10:13:28.0, 0.5, 42.73N, 75.73E, h7km, 2km, ml1.2, Error ellipse: s-maj=4.2km s-min=2.1km az=105.0

ISC 16 10:13:27.0, 0.8, 42.74N, 75.85E, h0km, h16km, 6km, n37, 0.096/68, 12C-17D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like BOOM, TKM2, KST, IZV, KBK, KRBS, KRBS, MDOK, MDOK, AAK, AAK, AAK, AAK, KOTS, KOTS, KOTS, UCH, UCH, UCH, KTBS, KTBS, KTBS, KDJ, KDJ, NRN, NRN, EKS2, EKS2, EKS2, TARG, SATY, SATY, SATY, MRKS, MRKS, MRKS, ARXS, ARXS, ARXS, BLB, BLB, UZB, UZB, UZB, KK31, KK31, JMA, IDC, IDC, IDC, ISC.

JMA 16 10:18:01.6, 0.3, 25.1N, 123.4E, 0.5, h29km, MV3.4/11, NW OFF ISHIGAKUJIMA ISL

IDC 16 10:18:01.1, 1.3, 24.56N, 122.85E, h0km, mb3.5/4, mbmp3.5/5, ML2.9/1, MS2.7/3, Error ellipse: s-maj=83.7km s-min=22.4km az=73.0

ISC 16 10:18:00.1, 1.8, 24.86N, 127.339E, 0.05, h12km, 12km, n15, 0.126/18, mb3.5/4, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like YOJ, YOJ, YOJ, YJVC, IRIF, IRIF, IRIF, JKRS, JKRS, JKRS, JIJ, JIJ, JIJ, JISG, HATJ, HATJ, HATJ, KRSR, KRSR, KRSR, KLR, KLR, SONM, SONM.

ISC 16 11:07:40.9, 9.0, 1.59S, 100.42E, h59km, 77km, mb3.8/12, mbmp4.0/7, Error ellipse: s-maj=26.6km s-min=13.1km

DJA 16 11:05:43.0, 1.0, 6.7S, 12.9E, h188km, 12km, M4.1/7, mb3.6/1, MLV4.3/7

ISC 16 11:05:40.6, 8.6, 6.99S, 129.22E, 0.08, h156km, n9, 0.347/15, Banda Sea

ISC 16 11:07:40.2, 0.2, 1.5S, 101.1E, h54km, 4km, M4.2/36, mb5.2/7, mb4.0/3, MLV4.3/6, Mw(mb)4.6/1

ISC 16 11:07:43.4, 0.5, 1.44S, 100.05E, 100.53E, h74km, n71, 0.073/62, mb4.4/18, Southern Sumatra

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

SOME 16 10:56:57.8, 43.77N, 69.72E, KRNET 16 10:56:58.0, 1.0, 43.77N, 69.79E, h0km, mb3.6, mpv3.1, NNC 16 10:56:58.0, 1.0, 43.77N, 69.79E, h0km, mb3.6, mpv3.1, Error ellipse: s-maj=7.1km s-min=5.4km az=59.0, Suspected Mining explosion

ISC 16 10:55:59.3, 1.3, 43.9N, 0.71E, h0km, n10, 0.193/16, 4C-8D, Central Kazakhstan

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like KK31, IUG, IUG, MNAS, MNAS, ARK, ARK, MRKS, MRKS, ERKS, ERKS, ERKS, ERKS, UCH, UCH, UCH, KST, KST.

ISC 16 11:04:26.8, 39.35N, 40.65E, h5km, ML2.8/6, AFAD 16 11:04:26.1, 39.40N, 40.71E, h6km, 4km, ML2.4

ISC 16 11:04:26.5, 1.0, 39.36N, 40.40E, 0.03, h13km, 8km, n12, 0.128/20, Turkey

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like YEDI, YEDI, KARO, KARO, BNGB, BNGB, SLHN, SLHN, SLHN, ERZN, ERZN, MUSH, MUSH, MUSH, MUSH, BAYB, BAYB, MCKZ, MCKZ, MCKZ, MCKZ, KELT, KELT, KELT, EATA, EATA, AGRB, AGRB, ARPR, ARPR.

IDC 16 11:05:40.1, 1.7, 6.89S, 129.26E, h129km, 18km, mb3.5/2, mbmp4.0/7, Error ellipse: s-maj=26.6km s-min=13.1km

DJA 16 11:05:43.0, 1.0, 6.7S, 12.9E, h188km, 12km, M4.1/7, mb3.6/1, MLV4.3/7

ISC 16 11:05:40.6, 8.6, 6.99S, 129.22E, 0.08, h156km, n9, 0.347/15, Banda Sea

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like SAUI, SAUI, FAKI, FAKI, BATI, BATI, SIJI, SIJI, SIJI, FITZ, FITZ, FITZ, WRA, WRA, WRA, ASAR, ASAR, ASAR, MKAR, MKAR, KURBB, KURBB.

IDC 16 11:07:40.9, 9.0, 1.59S, 100.42E, h59km, 77km, mb3.8/12, mbmp4.0/7, Error ellipse: s-maj=26.6km s-min=13.1km

NEIC 16 11:07:44.0, 4.0, 1.39S, 100.07E, 100.50E, 0.04, h74km, 7km, mb4.6/12, Error ellipse: s-maj=10.4km s-min=4.6km az=166.0

DJA 16 11:07:40.2, 0.2, 1.5S, 101.1E, h54km, 4km, M4.2/36, mb5.2/7, mb4.0/3, MLV4.3/6, Mw(mb)4.6/1

ISC 16 11:07:43.4, 0.5, 1.44S, 100.05E, 100.53E, h74km, n71, 0.073/62, mb4.4/18, Southern Sumatra

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Includes stations like PDSI, PDSI, PPSI, PPSI, PPSI, BKNI, BKNI, MASI, MASI, MNSI, MNSI, PBSI, PBSI, UBSI, UBSI, KSI, KSI, JMBI, JMBI.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Whimper, Elevation Whimper, Azimuth Whine, Elevation Whine, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Whimper, Elevation Whimper, Azimuth Whine, Elevation Whine.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Whimper, Elevation Whimper, Azimuth Whine, Elevation Whine.

Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Whimper, Elevation Whimper, Azimuth Whine, Elevation Whine.

16d 11:27:24.7, 2.8, 6.06S, 130.93E, h66km, 34km, mb3.5/3, mbmp4.07, ML4.2/4, Error ellipse: s-maj=52.1km s-min=21.5km az=88.0
DJA 16 11:27:20.0, 0.7, 6.54, +13.1E, +151km, 13km, M4.3/16, mB5.1/4, mb0.4/7, MLV4.3/16, Mw(mb)4.4/4
ISC 16 11:27:25.0, 0.8, 6.25S, 0.06, 130.78E, 0.08, h86km, n16, c251/17, mb3.8/3, Banda Sea

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Whimper, Elevation Whimper, Azimuth Whine, Elevation Whine.

16d 12:01:03.4, 0.7, 56.87N, 123.01E, h0km, mb3.6/8, mbmp3.7/15, ML4.0/7, MS3.2/18, Error ellipse: s-maj=15.6km s-min=10.0km az=118.0
YARS 16 12:01:03.9, 56.96N, 123.14E, h5km, ML2.4/7, Error ellipse: s-maj=0.0km s-min=0.0km az=0.0
ISC 16 12:01:03.0, 0.5, 56.96N, 0.03, 123.08E, 0.02, h10km, n43, c259/54, mb3.5/7, MS3.3/14, Southeastern Siberia

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Resolution, Elevation Resolution, Azimuth Bandwidth, Elevation Bandwidth, Azimuth Frequency, Elevation Frequency, Azimuth Wavelength, Elevation Wavelength, Azimuth Velocity, Elevation Velocity, Azimuth Acceleration, Elevation Acceleration, Azimuth Deceleration, Elevation Deceleration, Azimuth Jerk, Elevation Jerk, Azimuth Snap, Elevation Snap, Azimuth Crackle, Elevation Crackle, Azimuth Pop, Elevation Pop, Azimuth Click, Elevation Click, Azimuth Whistle, Elevation Whistle, Azimuth Hum, Elevation Hum, Azimuth Buzz, Elevation Buzz, Azimuth Rattle, Elevation Rattle, Azimuth Rumble, Elevation Rumble, Azimuth Roar, Elevation Roar, Azimuth Scream, Elevation Scream, Azimuth Shout, Elevation Shout, Azimuth Yell, Elevation Yell, Azimuth Wail, Elevation Wail, Azimuth Howl, Elevation Howl, Azimuth Whimper, Elevation Whimper, Azimuth Whine, Elevation Whine.

16d 12h

Table with columns: Station Name, Azimuth, Distance, Magnitude, Time, and other parameters. Includes stations like KHN, TNRD, ALDR, etc.

2020 JUN

UCR 16 12:21:37.3,0.11:56N,67.34W, h5km, 138km, M8.7(NEIC), Presumed earthquake

Main station data table with columns: Code, Station Name, Azimuth, Distance, Magnitude, Time, and other parameters. Includes stations like ALEN, CRIN, MAGN, etc.

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Table with columns: Station Name, Azimuth, Distance, Magnitude, Time, and other parameters. Includes stations like ATAH, HNDO, WLVY, etc.

16d 12:21:33.6,0.8, 12:25N,96.81W, h0km, mb4.1/11, mbmp4.1/14, ML3.6/3, MS3.8/27, Error ellipse: s-maj=31.5km s-min=13.7km az=49.0

16d 12:21:33.0,0.7, 12:21N,4.8W, h20km, 5km, M4.5/27, ML4.5/27, Error ellipse: s-maj=9.0km s-min=3.2km az=33.8, confirmed

16d 12:21:34.6,1.5, 11:64N,0.08:87.50W,0:07, h17km, 6km, mb4.7/194, Error ellipse: s-maj=13.7km s-min=7.9km az=213.0

16d 12h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time Res, and other parameters. Includes stations like Urewera, Yellowknife Ar, BORG Borganes, and FRB Froisher Bay.

KRSC 16 12:46:57.51-10.5440N-160.02E, h144km, 10km, M3.7
IDC 16 12:46:58.1-1.7.54.70N-159.49E, h134km, 17km, mb3.1/8,
mbtmp3.5/8, Error ellipse: s-maj=20.6km s-min=19.2km
az=157.0
ISC 16 12:46:58.7-0.8,54.44N-0.05:159.89E,0.06, h143km,6km,
n38, c1905/49, mb3.2/8, Near east coast of Kamchatka

Main table of station data for the 16d 12h period, listing station names, coordinates, and various parameters.

DNK 16 12:50:18.6-0.5,60.83N-15.21E, h0km, ML2.3(UPP),
Explosion
UPP 16 12:50:18.3-0.1,60.84N-15.21E, h0km, ML2.3,
Suspected explosion, Sweden

Table of station data for the DNK and UPP events, including station names and coordinates.

NEIC 16 12:53:19.7-0.7, 19.16N-0.04:67.68W-0.02, h5km, 1km,
ML2.9/33, Md3.6(B/RSPR), Error ellipse: s-maj=6.1km
s-min=2.9km az=181.0
SDD 16 12:53:21.3-1.5, 19.43N-67.40W, h15km, 37km, MD3.2,
ML2.6, MW2.9, Presumed earthquake
RSRP 16 12:53:22.3, 19.12N-67.70W, h8km, 3km, MD3.6/8
ISC 16 12:53:20.8-1.5, 19.10N-0.07:67.67W-0.03, h13km, 9km,
n37, c064/59, 13C-10L, Mona Passage

Table of station data for the NEIC, SDD, and RSRP events.

2020 JUN

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

Gll 16 12:57:39.6-0.0, 39.267N-0.002:40.824E-0.001, h0km,
Mws4.5, confirmed
ISK 16 12:57:39.8, 39.37N-40.68E, h5km, ML4.4/30
AFAD 16 12:57:40.3, 39.35N-40.67E, h7km, 4km, MW4.3
IDC 16 12:57:40.4-0.7, 39.42N-40.68E, h0km, mb3.8/14,
mbtmp3.8/22, ML3.6/8, MS3.3/21, Error ellipse:
s-maj=13.5km s-min=7.9km az=169.0
MED_RC 16 12:57:41.0, 39.34N-40.72E, h16km, Mw4.4, Moment
Tensor Solution. Moment tensor: Scale 10^15Nm;
Mw=1.07; M1=3.72; M2=4.7; M3=0.00; M4=3.23; 1.21;
Mw=0.94; M1=4.3; M2=0.67; M3=3.7; Fault plane solution:
M=5.52000e+10 N P1=214.00000, 864.00000,
lambda=158.00000, NP2=214.00000, 870.00000,
lambda=28.00000. Principal axes: T 4.9800, Pgl4.0000,
Az=226.0000; N 1.0700, Plg56.0000, Az=1.0000; P
-0.6000, Plg33.0000, Az=173.0000.

NEIC 16 12:57:43.0-1.6, 39.43N-0.03:40.65E-0.04, h10km, 1km,
mb4.4/20 Error ellipse: s-maj=7.2km s-min=3.0km
az=222.0
MCSM 16 12:57:42.1-0.6, 39.16N-6.41E, h5km, mb4.3, mb4.2,
MLV4.1, Mw(MB)3.3
ISC 16 12:57:41.5-0.1, 39.39N-0.02:40.66E-0.02, h5km, 6km,
n157, c1926/160, mb4.1/20, MS3.5/14, Turkey

Table of station data for the Gll, ISK, AFAD, IDC, MED_RC, NEIC, MCSM, and ISC events.

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

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16d 13h

Table with columns: Station Name, Frequency, Power, Band, Azimuth, Elevation, SNR, etc. Includes stations like XiLinHaoTe, Warramunga Arr, Warramunga Arr, etc.

2020 JUN

Table with columns: Station Name, Frequency, Power, Band, Azimuth, Elevation, SNR, etc. Includes stations like Warramunga Arr, Warramunga Arr, Warramunga Arr, etc.

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Table with columns: Station Name, Frequency, Power, Band, Azimuth, Elevation, SNR, etc. Includes stations like Warramunga Arr, Warramunga Arr, Warramunga Arr, etc.

BOSA Boshof 7.17 180 eP Pn 14 05 21.8 +0.6
BOSA eS Sn 14 06 40.3 -3.1
BOSA IAML 14 07 36.9
comp=Z:2.1nm,0.3s
JMA 16 14:10:19.2.0.2,24.9N:0.9:123.4E:0.3,h10km,MD3.7/12,
MV3.1/2,NW OFF IISHIGAKIJIMA IS
IDC 16 14:10:36.0.5.0,22.66N:123.88E,h0km,mb3.5/3,
mbtmp3.5/3,Error ellipse: s-maj=325.9km s-min=30.2km
az=61.0

ISC 16 14:10:19.4.1.6,24.9N:0.1:123.37E:0.05,h10km,n12,
o065/14,mb3.6/3,Southwestern Ryukyu Islands
Code Station Name Δ° AZ° Phase ID Time Res
h m s ISC

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include YONAGUNI, YONAGUNIJIMAKU, IRIMOTE-FUNAU, etc.

GCMT 16 14:19:22.0.0.4,26.37S:0.03:71.66E:0.03,h12km,
MW4.8/77,Moment Tensor: s19,c24; s77,c105;
Duration: 0 Moment tensor: Scale 1010Nm; Mrr-2.10e-08;
Mss0.98e-08; Mss1.12e-07; Mss0.00e-31; Mss0.74e-06;
Mss0.32e-34; Best double couple: M0.19680000,1016
NP1.313.000000,642.000000,-1.97.000000. NP2:
0.143.000000,649.000000,-1.84.000000. Principal axes:
T 1.8030,Plg3.0000,Azm22.0000; N 0.3280.
Plg5.0000,Azm318.0000; N 2.1320,Plg84.0000.
Azm103.0000; nsta1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function
IDC 16 14:19:22.0.0.7,26.48S:71.76E,h0km,mb3.9/15,
mbtmp3.9/15,MS4.0/3,Error ellipse: s-maj=26.8km
s-min=18.9km az=67.0
NEIC 16 14:19:23.8.1.1,26.55S:0.1:71.5E:0.2,h10km,n1k,
mb4.6/17,Error ellipse: s-maj=29.5km s-min=20.1km
az=248.0

ISC 16 14:19:23.5.0.7,26.55S:0.1:71.7E:0.2,h10km,n54,
o062/39,mb4.1/22,MS3.9/3,Mid-Indian Ridge
Code Station Name Δ° AZ° Phase ID Time Res
h m s ISC

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include H08S1, H08S2, H08S3, etc.

CMAR Chiang Mai Arr 51.90 34 P P 14 28 33.2 +0.6
CMAR Minazif 53.26 342 P Iamb Iamb 14 28 42.1 -0.3
UOSS 14 28 50.9
comp=Z:12nm,1.2s
RAYN Ar Rayn 55.78 331 P P 14 29 01.0 +0.1
RAYN 14 29 08.6
comp=Z:5.4nm,1.2s
ASAR Alice Springs 55.93 102 P P 14 29 02.1 0.0
comp=Z:1.0nm,0.7s,baz=254,slow=5.3,SNR=11
EVN Everest 56.03 16 P P 14 29 03.5 +0.2
EVN 14 29 25.8
comp=Z:1.4nm,1.5s
WRA Warrungarra Arr 57.46 98 P P 14 29 13.3 +0.3
comp=Z:1.3nm,0.7s,baz=252,slow=7.0,SNR=6.7
WRA Warrungarra Arr 57.46 98 P P 14 29 13.3 +0.3
WBO Warrungarra Arr 57.56 97 P P 14 29 12.7 -1.0
WBO 14 29 33.7
comp=Z:1.6nm,1.4s
WRB Warrungarra Arr 57.60 98 P Iamb Iamb 14 29 13.9 -0.1
WRB 14 29 33.1
comp=Z:1.1nm,1.4s
GSPA South Pole Qui 63.66 180 P P 14 29 54.5 -0.3
comp=Z:1.8nm,0.8s,baz=277,slow=2.2,SNR=6.7
GSPA 14 30 13.7
comp=Z:3.5nm,1.0s
VNDA Vanda 64.39 166 P P 14 29 58.9 -0.4
comp=Z:1.0nm,0.9s,baz=270,slow=8.2,SNR=4.8
comp=Z:1.0nm,0.9s
VNDA 14 29 58.9 -0.4
CAN Canberra 64.39 166 P P 14 29 58.9 -0.4
CAN 14 30 07.3 +0.7
KKAR Karatay 69.23 359 P P 14 30 30.8 +0.4
PDGK Podgornyye 69.82 6 P P 14 30 34.0 +0.4
PMG Port Moresby 72.90 92 LR LR 15 01 04.4
MKAR Makanchi Arr 73.54 8 P P 14 30 56.8 +0.4
comp=Z:1.4nm,0.8s,baz=242,slow=6.2,SNR=6.8
comp=Z:1.4nm,0.8s
MKAR Makanchi Arr 73.54 8 P P 14 30 55.3 -1.1
BRTR Keskin Array B 74.81 330 P P 14 31 05.2 +1.2
comp=Z:1.3nm,0.8s,baz=126,slow=8.1,SNR=4.2
comp=Z:1.3nm,0.8s
BRTR Keskin Array B 74.81 330 P P 14 31 03.9 -0.2
AB31 Akbulak Arr 76.11 352 P Iamb Iamb 14 31 11.5 +0.4
AB31 14 31 12.7
comp=Z:5.0nm,1.2s
ABKAR Akbulak Arr 76.11 352 P P 14 31 11.5 +0.4
KURBB Kurchatov Arr 76.99 4 P P 14 31 16.3 +0.2
KURK Kurchatov 77.08 5 P Iamb Iamb 14 31 16.4 -0.2
KURK 14 31 18.1
comp=Z:8.7nm,1.5s
TORD Torodi Arr Be 78.56 291 P P 14 31 26.8 +1.1
comp=Z:1.2nm,0.8s,baz=134,slow=5.1,SNR=5.0
comp=Z:1.2nm,0.8s
BVAR Borovoye Array 79.16 359 P P 14 31 28.9 +0.8
comp=Z:0.7nm,0.7s,baz=129,slow=4.7,SNR=3.6
comp=Z:0.7nm,0.7s
SONM Songino Array 80.27 23 P P 14 31 33.9 -0.5
comp=Z:0.2nm,0.4s,baz=22,slow=1.6,SNR=4.0
comp=Z:0.2nm,0.4s
SONM Songino Array 80.27 23 P P 14 31 33.9 -0.5

Table with columns: ZAAO, ZALV, ZALV, ZALV, MLR, AKASO, AKKB, NCS02. Rows include Zalesovo Array, Zalesovo Beam, Korea Array, etc.

IDC 16 14:20:05.1.0.8,26.36S:71.61E,h0km,mb3.8/12,
mbtmp3.8/12,Error ellipse: s-maj=31.1km s-min=22.5km
az=70.0
NEIC 16 14:20:06.3.2.4,26.36S:0.07:71.4E:0.1,h10km,n1km,
mb4.5/9,Error ellipse: s-maj=21.7km s-min=11.6km
az=281.0
ISC 16 14:20:06.0.7,26.35S:0.1:71.5E:0.1,h10km,n37,
o085/85,mb3.9/14,Mid-Indian Ridge
Code Station Name Δ° AZ° Phase ID Time Res
h m s ISC

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include ROCAM, H08S1, H08S2, etc.

PBA Port Blair 43.02 31 P P 14 28 06.3 +0.1
CMAR Chiang Mai Arr 51.97 34 P P 14 29 15.9 +0.8
comp=Z:1.3nm,0.8s,baz=251,slow=7.5,SNR=5.3
CHTO Chiang Mai 52.18 33 P P 14 29 18.2 +0.9
CHTO 14 29 30.3
comp=Z:8.3nm,1.4s
ASAR Alice Springs 56.10 102 P P 14 29 46.1 0.0
comp=Z:0.6nm,0.8s,baz=254,slow=6.0,SNR=5.5
comp=Z:0.6nm,0.8s

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include ASAR, WRA, WRA, SAUL, GSPA, GSPA, VNDA, VNDA, PDGK, MKAR, BRTR, KURBB, KURK, TORD, ZAAO, ZAAO, ZALV, MRNZ, KRSR, AKASG, etc.

SOME 16 14:23:21.6.4,40.93N:71.88E,h10km
ISU 16 14:23:23.1.0,40.99N:71.87E,h13km
KRNET 16 14:23:23.1.0,40.99N:71.87E,h13km,mb2.9
NNC 16 14:23:28.4.5,41.14N:71.73E,h0km,mb3.4,mpv3.0,
Error ellipse: s-maj=48.8km s-min=15.4km az=4.0
ISC 16 14:23:22.7.1.3,41.00N:0.03:71.86E:0.02,h3km,n16km,
n21,o096/37,13C-7D,Kyrgyzstan
Code Station Name Δ° AZ° Phase ID Time Res
h m s ISC

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include KSNS, KSNS, TSTA, TSTA, FRG, TRKS, TRKS, ARK, DRK, DRK, MNAS, MNAS, SFK, SFK, TVKS, TVKS, IUG, IUG, IUG, IUG, MRKS, MRKS, MRKS, MRKS, ARLS, ARLS, EKSS, EKSS, KKS31, KKS31, etc.

Table with columns: KK31, UCH, UCH, AAK, AAK, AAK, SGDS, SGDS, KST, KST, KST, KST, KST, KST, etc. Rows include 3.4nm,0.2s,baz=142,slow=24,SNR=9.7, etc.

BUL 16 14:30:18.6,26.95N:34.00E,h10km,mb5.3/44,mb5.1/85,
Ms5.3/80,Ms7.5/77
GCMT 16 14:30:24.7.0.1,27.13N:0.01:34.64E:0.01,h12km,
MW5.3/149,Moment Tensor: s18,c199;
s149,c307. Duration: 191 Moment tensor: Scale 1017
Nm; Mrr-0.21e-01; Mss-1.10e-01; Mss1.30e-01;
Mss0.11e-03; Mss0.33e-01; Mss0.00e-03; Best double
couple: M0.12510000,177. NP1.321.000000,885.000000,
1.4.000000. NP2.307.000000,886.000000,
1.175.000000. Principal axes: T 1.3460,Plg1.0000,
Azm82.0000; N -0.1960,Plg4.0000,
Azm346.0000; P -1.1570,Plg6.0000,
Azm172.0000; nsta1 refers to body
waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s. Triangular moment-rate function
MOS 16 14:30:24.8.0.9,27.26N:34.77E,h12km,mb5.5/71,
MS4.7/29,Error ellipse: s-maj=5.7km s-min=2.9km
az=86.0
IDC 16 14:30:24.3.0.4,27.26N:34.74E,h0km,mb5.1/39,
mbtmp5.0/49,ML4.3/9,MS4.7/80,Error ellipse:
s-maj=9.4km s-min=9.0km az=121.0
HLW 16 14:30:25.0.2,27.17N:34.68E,h23km,n1km,M15.5
G11 16 14:30:26.1.0.0,27.397N:0.003:34.803E:0.001,h0km,
Mw5.2,confirmed
NEIC 16 14:30:26.7.1.9,27.34N:0.06:34.72E:0.07,h10km,n1km,
mb5.5/344,Ms 20.4/8/369,Mw5.3/25,Mw5.5/25,Error
ellipse: s-maj=11.8km s-min=8.0km az=233.0, Moment
Tensor Solution. Moment tensor: Scale 1017Nm;
Mrr0.02; Mss-1.02; Mss1.00; Mss-0.08; Mss0.17; Mrr-0.38;
Fault plane solution: M1.1.0000,1017 NP1:
0.231.260000,379.000000,1.15.750000. NP2:
0.138.180000,874.550000,1.168.580000. Principal axes:
T 1.1479,Plg19.0000,
Azm95.0000; N -0.1103,
Plg71.0000,
Azm265.0000; P -1.0376,Plg3.0000,
Azm4.0000.
NEIC 16 14:30:26.7,27.36N:34.73E,h10km
SGS 16 14:30:26.2,27.31N:34.76E,h13km,M14.7
NEIC 16 14:30:26.7,27.35N:34.72E,h10km
GFZ 16 14:30:27.3,27.33N:34.75E,h10km,MW5.2,Moment
Tensor Solution. s123 Moment tensor: Mrr-0.65;
Mss-7.07; Mss7.73; Mss-2.24; Mss-2.43; Mss-0.83; Fault
plane solution: NP1.127.000000,375.000000,
1.169.000000. NP2.34.000000,880.000000,
1.14.000000. Principal axes: T 8.1400,Plg3.0000,
Azm81.0000; N 0.0500,Plg72.0000,
Azm181.0000; P -8.1900,Plg7.0000,
Azm350.0000.
NEIC 16 14:30:27.2,27.35N:34.72E,h26km,Moment Tensor
Solution. Duration: 294 Moment tensor: Scale 1017Nm;
Mrr-0.40; Mss-1.40; Mss1.79; Mss-0.82; Mss-0.49;
Mss-0.33; Fault plane solution: M1.1.920000,1017 NP1:
0.32.740000,874.000000,1.25.420000. Principal axes: T
1.6859,Plg6.0000,
Azm63.0000; N 0.0629,Plg60.0000,
Azm183.0000; P -1.9488,Plg29.0000,
Azm36.0000.
MED_RC 16 14:30:27.0,27.30N:34.70E,h16km,Mw5.4,Moment
Tensor Solution. Moment tensor: Scale 1017Nm;
Mrr-0.36e-05; Mss-1.31e-04; Mss0.00e-03; Mss-0.05e-14;
Mss-0.23e-04; Mss-0.35e-16; Fault plane solution:
M1.5.130.000000,880.000000,
1.177.000000. NP2.0.221.000000,887.000000,
1.0.000000.
Principal axes: T 1.7300,Plg9.0000,
Azm86.0000; N -0.4100,Plg80.0000,
Azm240.0000; P -1.3300,
Plg4.0000,
Azm355.0000.

ISC 16 14:30:25.6.0.4,27.24N:0.02:34.69E:0.02,h3km,n2km,
h8km,P-P 1570,o0181/1429,mb5.4/405,MS4.8/301,
10S-61D,Red Sea
Code Station Name Δ° AZ° Phase ID Time Res
h m s ISC

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Rows include NSFG, NSFG, NWLHS, NWLHS, KRABS, KRABS, KRABS, HHRG, HHRG, HHRG, TR1, TR1, TR1, TR1, TR1, TR1, etc.

KRMI	Paran Flat	2.87	1	P	Pn	14 31 10.2	-1.5	GNI	Garni	15.34	30	P	Pn	14 34 03.6	+0.9	TLCR		18.52	347	P	Pn	14 34 42.9	+0.4
KRMI					S	14 31 43.5	-3.0	GNI	Garni	15.34	30	i	Pn	14 34 02.6	0.0	TLCR		18.52	347	P	Pn	14 34 42.9	+0.4
QLABS	Al Qalibar	2.94	77	P	Pn	14 31 11.4	-1.4	GNI	Garni	15.34	30	P	Pn	14 34 04.3	+1.7	PHP	Peshkopja	18.56	325	P	P	14 34 40.0	-2.9
PRNZ	Suez	3.07	328	P	Pn	14 31 12.6	-1.9	GNI				S	Pn	14 36 55.5	+2.6	SCTE	Santa Cesarea	18.57	318	P	P	14 34 40.8	-2.2
PRNI	Paran	3.12	5	P	Pn	14 31 13.6	-1.6	NEO	Neokhori	15.37	324	P	Pn	14 34 01.0	-2.0	SCTE				Iamb	Iamb	14 34 48.6	
ZUKM	Zukim	3.27	7	P	Pn	14 31 15.0	-2.2	ANX	Ano Chora	15.58	320	P	Pn	14 34 05.8	0.0	CFR	Carcailiu	18.66	345	P	Pn	14 34 44.6	+0.4
ZUKM					S	14 31 53.4	-2.9	PAIG	Paliouri	15.62	327	P	Pn	14 34 03.2	-2.9	CFR	Carcailiu	18.64	345	P	Pn	14 34 44.1	-0.1
ZFRI	Zfri	3.33	7	P	Pn	14 31 16.5	-1.6	AGX	Agajos	15.63	318	P	Pn	14 34 04.0	-2.4	VLAD	Viadria	18.67	336	P	Pn	14 34 45.2	+0.8
ZFRI					S	14 31 55.1	-2.8	AGS	Arjos Georgios	15.64	322	P	Pn	14 34 02.8	-3.7	ASUD	Al Ashush, Dub	18.74	93	P	Pn	14 34 44.1	-0.9
TAMRE	El Minia	3.38	278	P	Pn	14 31 17.3	-1.5	SLWR	Sila	15.65	398	P	Pn	14 34 07.1	+0.5	ASUD	Al Ashush, Dub	18.74	93	P	Pn	14 34 45.2	-0.2
MSPR	Moshav SAPIR	3.39	7	P	Pn	14 31 19.9	-3.0	THAS	Thessalonis	15.68	321	P	Pn	14 34 10.4	-1.4	ASUD	Al Ashush, Dub	18.74	93	P	Pn	14 34 45.2	-0.2
MSPR					S	14 31 56.4	-3.0	PLEV	Plevrona-Mesol	15.76	318	P	Pn	14 34 06.6	-1.4	ASUD	Al Ashush, Dub	18.74	93	P	Pn	14 34 45.2	-0.2
BRNS	Bernies	3.41	189	P	Pn	14 31 16.1	-3.1	OUR	Ouranopolis	15.79	329	P	Pn	14 34 05.6	-2.8	ASUD	Al Ashush, Dub	18.74	93	P	Pn	14 34 45.2	-0.2
NMAN	Kulet Umm Tihe	3.62	204	P	Pn	14 31 19.2	-2.8	RDO	Rodhopi	15.79	334	P	Pn	14 34 06.2	-2.8	MAK	Makhachkala	18.83	300	P	S	14 38 23.3	+4.7
IDAN	Idan	3.62	8	P	Pn	14 31 20.3	-1.7	PVO	Paravola	15.82	319	P	Pn	14 34 07.9	-0.8	MAK				eS	S	14 38 06.7	-10
IDAN					S	14 32 01.9	-3.1	PLG	Polygyros	16.08	321	P	Pn	14 34 10.4	-1.7	MAK				pmax	pmax		
KZAT	Kziot	3.67	356	P	Pn	14 31 21.2	-1.5	KAVA	Kavala	16.09	331	P	Pn	14 34 10.5	-1.6	MAK				MLR	MLR		
KZAT					S	14 32 03.6	-2.6	THL	Klokotos Trika	16.20	323	P	Pn	14 34 11.0	-2.8	UMQ	Umm Al-Quwin	18.86	90	i	P	14 34 45.6	-0.8
NTAIM	NTAIM	3.82	75	P	Pn	14 31 23.4	-1.4	AMPL	Ampeleki	16.21	319	P	Pn	14 34 11.0	-2.8	UMQ	Umm Al-Quwin	18.86	90	i	P	14 34 46.4	0.0
MSBI	Mazada	4.10	8	P	Pn	14 31 26.7	-1.9	KDZ	Kurdzhali	16.28	334	P	Pn	14 34 13.2	-1.5	UMQ	Umm Al-Quwin	18.86	90	i	P	14 34 46.4	0.0
MSBI					S	14 32 13.7	-3.1	KDZ	Kurdzhali	16.28	334	P	Pn	14 34 12.7	-2.0	UMQ	Umm Al-Quwin	18.86	90	i	P	14 34 46.4	0.0
GHAJ	Ghor Haditha	4.12	10	P	Pn	14 31 26.9	-1.9	LIT	Litokhoron	16.34	325	Iamb	Iamb	14 34 20.7		UMQ	Umm Al-Quwin	18.86	90	i	P	14 34 46.4	0.0
GHAJ	Ghor Haditha	4.12	10	P	Pn	14 31 27.0	-1.9	LIT	Litokhoron	16.34	325	Iamb	Iamb	14 34 20.7		UMQ	Umm Al-Quwin	18.86	90	i	P	14 34 46.4	0.0
GHAJ					S	14 32 14.6	-2.8	LIT	Litokhoron	16.34	325	P	Pn	14 34 14.5	-1.0	UMQ	Umm Al-Quwin	18.86	90	i	P	14 34 46.4	0.0
YTR	Yatir	4.13	5	P	Pn	14 31 27.4	-1.7	NYDR	Nydrif-Lefkada	16.38	318	P	Pn	14 34 12.7	-3.2	HUMR	Humele	18.94	338	P	Pn	14 34 49.1	+1.5
YTR					S	14 32 15.0	-2.6	LK2D	Lefkada Island	16.45	318	P	Pn	14 34 13.6	-3.2	FAQ	Al Faqa, Dubai	18.95	93	P	Pn	14 34 46.6	-0.7
AMAZ	Amatzia	4.29	3	P	Pn	14 31 29.5	-1.7	TEFR	Tetrakton, Epi	16.46	321	P	Pn	14 34 14.7	-2.3	FAQ	Al Faqa, Dubai	18.95	93	P	Pn	14 34 47.1	-0.2
AMAZ					S	14 32 17.2	-2.9	JRN	Jornain Island	16.47	94	P	Pn	14 34 18.0	+0.9	FAQ	Al Faqa, Dubai	18.95	93	P	Pn	14 34 47.1	-0.2
DSI	Dead Sea	4.36	8	P	Pn	14 31 30.7	-1.5	THE	Thessaloniki	16.51	327	P	Pn	14 34 17.1	-0.5	FAQ	Al Faqa, Dubai	18.95	93	P	Pn	14 34 47.1	-0.2
DSI					S	14 32 20.9	-2.4	THM	Thimolovgrad	16.55	336	P	Pn	14 34 17.6	-0.5	NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
HMDT	Nahal Hemdat	5.05	8	P	Pn	14 31 40.1	-1.6	DIM	Dimitrovgrad	16.55	336	P	Pn	14 34 17.2	-0.9	NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
HMDT					S	14 32 37.6	-2.7	RZN	Rozhen	16.57	333	P	Pn	14 34 18.3	-0.3	NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
ASF	Jabal al Asfar	5.28	21	P	Pn	14 31 42.9	-2.1	RZN	Rozhen	16.57	333	P	Pn	14 34 17.6	-1.0	NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
ASF					S	14 32 41.9	-4.2	SRS	Serrai	16.59	329	P	Pn	14 34 17.7	-0.9	NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
ASF	25nm,0.3s,baz=233,slow=9.6,SNR=4.0				LR	14 32 55.5		NVR	Nevrokopi	16.66	330	P	Pn	14 34 18.6	-0.9	NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
ASF	comp=Z,655nm,21.9s,baz=230,slow=29.83nm,0.7s				LR	14 32 55.5		PRMD	Pramanda	16.69	321	P	Pn	14 34 19.1	-0.8	NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
MMAI	Mount Meron Ar	5.79	6	Pn	Pn	14 31 51.2	-0.7	WYR	Wesolyoye	16.76	14	i	Pn	14 34 20.6	-0.8	NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
MMAI					S	14 32 59.2	+0.5	SOC	Sochi	16.81	13	eP	Pn	14 37 27.8		NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
RCY	Rachaya	6.32	9	eP	Pn	14 31 58.0	-1.2	SOC				pmax	pmax			NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
QRWL	Qaracoun	6.35	7	eP	Pn	14 32 00.1	+0.5	KPRO	Kipourio	16.83	322	P	Pn	14 34 20.3	-1.5	NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
QRWL					S	14 32 07.1	+1.6	KZN	Kozani	16.87	324	P	Pn	14 34 20.6	-1.6	NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
ZAHL	Zahle	6.68	9	eP	Pn	14 32 05.0	+0.8	JAN	Janina	16.91	321	P	Pn	14 34 21.3	-1.4	NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
BHL	Bhannes	6.70	7	eP	Pn	14 32 03.6	-0.9	KNT	Kendrikon	16.95	328	P	Pn	14 34 21.7	-1.4	NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
HWQ	Hawqa	7.10	8	eP	Pn	14 32 10.2	+0.2	PRD	Provdia	16.95	341	P	Pn	14 34 23.5	+0.3	NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
BEIL	Beino	7.39	10	eP	Pn	14 32 14.6	+0.7	PLD	Ploudiv	16.95	334	P	Pn	14 34 22.9	-0.3	NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
CSS	Mathiatis	7.79	352	Pn	Pn	14 32 17.2	-2.2	IGT	Igoumenitsa	17.12	319	P	Pn	14 34 21.5	-3.9	NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
CSS	0.9mi2um206nm,0.5s				Pn	14 32 17.3	-2.0	PENT	Pentalofos	17.12	322	P	Pn	14 34 24.1	-1.4	NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
AKAS	Kas	9.96	336	Pn	Pn	14 32 45.5	-2.7	PSN	Preselentsi	17.20	344	P	Pn	14 34 26.1	-0.2	NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
GAZ	Gaziantep	10.13	12	Pn	Pn	14 32 51.0	-0.6	WAY	Valandovo	17.23	328	P	Pn	14 34 26.6	-0.1	NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
ELL	Elmali	10.31	338	P	Pn	14 32 52.6	-1.5	MAN	Mangalia	17.27	345	i	S	14 37 51.5	+3.7	NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
ELM	Elmali	10.31	338	P	Pn	14 32 52.6	-1.5	VAY	Varna	17.38	330	P	Pn	14 34 27.9	-0.7	NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
RAYN	Ar Rayn	10.45	108	P	Pn	14 32 56.0	+0.1	KKB	Krupnik	17.38	330	P	Pn	14 34 27.2	-1.4	NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
RAYN	Ar Rayn	10.45	108	i	P	14 32 56.0	+0.1	ATD	Arta Tunnel	17.50	152	P	Pn	14 34 29.8	+0.7	NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
RAYN	Ar Rayn	10.45	108	P	Pn	14 32 57.1	+1.2	ATD	Arta Tunnel	17.50	152	P	Pn	14 34 29.8	+0.7	NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
RAYN	Ar Rayn	10.45	108	P	Pn	14 32 56.2	+0.4	ATD	Arta Tunnel	17.50	152	P	Pn	14 34 29.0	0.0	NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
RAYN	Ar Rayn	10.45	108	S	Pn	14 34 56.9	+3.6	ATD	Arta Tunnel	17.50	152	P	Pn	14 34 31.9	+1.5	NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
KARP	Karpathos	10.49	324	P	Pn	14 32 54.2	-2.1	AZH	Azhar	17.49	338	P	Pn	14 34 28.5	-1.4	NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
KARP	Karpathos	10.49	324	P	Pn	14 32 53.5	-2.8	STZ	Strazhita	17.49	338	P	Pn	14 34 29.7	-0.3	NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
KARP	Karpathos	10.49	324	eP	Pn	14 32 54.5	-1.8	PGB	Panagyurishte	17.49	333	P	Pn	14 34 32.0	+0.9	NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
KARP	Karpathos	10.49	324	Pn	Pn	14 32 54.2	-2.1	EFOR	Eforie	17.50	340	i	P	14 34 29.8	+0.7	NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
ARG	Arkhangelos	10.55	330	P	Pn	14 32 54.8	-2.4	MZR	Muzera	17.52	100	P	Pn	14 34 30.8	+0.3	NAZ	Nazwa, Dubai	18.96	92	i	P	14 38 21.1	+0.8
ARG	Arkhangelos	10.55	330	P	Pn	14 32 51.8	-5.4	MZR	Muzera	17.52	100	P</											

Table with columns for station name, frequency, power, and other technical details. Includes stations like BFO Black Forest, ESDC Sonseca Array, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like ESDC Sonseca Array, ESDC Sonseca Array, and many others.

Table with columns for station name, frequency, power, and other technical details. Includes stations like PCBR Manteiga, MTE Manteiga, and many others.

16d 14h

Table with columns for station code, name, frequency, power, and signal strength. Includes stations like NAKUTSU, TAGAYATAY CITY, WATERVILLE, WEST OF EUSTIS, etc.

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Table with columns for station code, name, frequency, power, and signal strength. Includes stations like NOATAK RIVER, BLOW RIVER, COLEEN RIVER, etc.

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Table with columns for station code, name, frequency, power, and signal strength. Includes stations like STEAMBOAT MOUNT, SEVERO-KURIL'S, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like BUR08 Bucovina Ar. S, BURAR Bucovina Array, RAYVN Ar Rayn, STEB Steborice, DPC Dobruska-Polom, PDAR Pinedale Array, etc.

HLW 16:58:02.2, 27.16N, 34.56E, h30km, 3km, M12.5
SGS 16:58:03.2, 27.37N, 34.74E, h19km, M11.9
ISC 16:57:57.8, 1.4, 27.22N, 0.04, 34.66E, 0.04, h111km, 14km, n16, -0.97/22, Res=2.5

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like MWLHS Almuwaynih, HHRG Al Ghardaqah, KRABS KRABS, etc.

ISK 16:00:39.4, 33.87N, 25.90E, h10km, ML3.4/15
IDC 16:00:39.2, 1.1, 34.10N, 25.77E, h0km, mb3.9/11, mbtmp:3.8/17, ML3.6/6, Error ellipse: s-maj=22.2, 8km s-min=15.6km az=15.0

NEIC 16:00:41.4, 1.3, 34.09N, 0.07, 25.78E, 0.06, h10km, 1km, mb4.4/20, Error ellipse: s-maj=12.0km s-min=7.4km az=14.0

GII 16:00:42.1, 0.0, 33.831N, 0.001, 25.994E, 0.001, h0km, MWS3.8, confirmed
ATH 16:00:45.0, 0.8, 34.23N, 25.73E, h18km, ML3.2/7, Latitude uncertainty: 5 km; Longitude uncertainty: 3 km

AFAD 16:00:46.9, 34.01N, 26.34E, h7km, 5km, ML3.0
ISC 16:00:42.9, 1.6, 33.99N, 0.05, 25.84E, 0.04, h30km, 11km, n132, 0.154/171, mb4.1/17, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like ZKR Zakros, SIVAS Sivas, Heraklion, Anoyia, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like IZZE, YER Yerkesik, SABU Mula-Dalaman, etc.

APMY Apicayam-Deniz, ITHMI Ithomi, ODEM Odemis-Izmir, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like KZIT Kziot, MOUNT Mount Meron Ar, SALP Salfit, etc.

SCTE Santa Cesarea, KRMI Paran Flat, PRNI Paran, etc.

LISJ El Lisan, GHAJ Ghor Haditha, GHAJ Ghor Haditha, etc.

HRFI Mount Harif, EIL Elat, EIL Elat, etc.

ASF Jabal al Asfar, ASF, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like ARSA Arzberg, STAL STALIGAL, KBZ Khabz, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like KURBB Kurchatov Arra, KURK Kurchatov, MKAR Makanchi Array, etc.

KRSC 16:02:50.6, 1.4, 53.12N, 154.61E, h477km, 19km, M14.3
MOS 16:02:51.2, 0.8, 53.21N, 154.47E, h472km, mb4.0/1, Error ellipse: s-maj=14.7km s-min=12.0km az=110.1

IDC 16:02:53.4, 0.7, 53.47N, 154.18E, h447km, 9km, mb2.9/13, mbtmp:3.7/17, Error ellipse: s-maj=17.1km s-min=12.4km az=94.0

ISC 16:02:52.4, 0.7, 53.22N, 0.1, 154.48E, 0.09, h459km, 9km, mb3.1, 1516/76, mb3.2/12, Sea of Okhotsk

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like APC Apacha, MIPR Malaya Ipe/ka, PETK Petropavlovsk, etc.

16d 16h

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NOU 16:16:08.16.1, 41.09S, 173.80E, h60km, MLV3.9/16, South Island, New Zealand
WEL 16:16:08.16.9, 0.4, 1.1, 5.5, 17.4E, h52km, 8km, M3.5/22, ML3.5/22, MLV3.5/22, Error ellipse: s-maj=6.2km

ISC 16:16:08.15.8, 1.3, 41.11S, 0.03, 173.76E, 0.03, h77km, 8km, n118, 0.086/123, South Island

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like NNZ, TUWZ, TKNZ, BSWZ, SNZO, WEL, MRNZ, KIWI, THZ, QRTZ, PAWZ, CAW, OGWZ, MSWZ, PLWZ, KHZ, KHTZ, MTW, HOWZ, MRZ, OHWZ, DSZ, TMWZ, WAZ, TWZ, POWZ, NMEZ, LREZ, PRWZ, PREZ, KHEZ, KHEZ, NBEZ, NEZ, BGFZ, GVZ, DREZ, TSZ, DVHZ, LTZ, FWZ, ANWZ, PKVZ, PNHZ, AMCZ, TRVZ, WNWZ, MOVZ, WPHZ, MAVZ, WHVZ, FWZ, TUWZ, COVZ, INZ, BHZ, NGZ, SNWZ, TWVZ, OTVZ, HIZ, HIZ, HIZ, MOZ, MCHZ, AKCZ, WATZ, BKZ, PAWZ, MHCZ, WLVZ, TLZ, WACZ, MTHZ, RPZ, RPZ, RAHZ, GSCZ, ARUZ, MUWZ, RTZ, TOZ, FOUZ, URZ, TMZ, AWAZ, MKAZ, LBZ, WTAZ, ETAZ, SHUL, MSAZ, ODZ, ABZ, JACZ, SHUL, EWUT, ETM, ETLH, ESL, LXIB.

TAP 16:22:15.9, 23.95N, 122.18E, h23km, 1km, ML1.9, T, C, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like E0S4, E0S3, E0S2, NACB, SHUL, EWUT, ETM, ETLH, ESL, LXIB.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like LXIB, TWC, WARB, WARB, WARB, LATG, LATG, WNF, WNF, NNSB, NNSB, ENTT, ENTT, FUJY, FUJY, WUSD, WUSD, YULB, YULB, TDCB, TDCB, EYUL, EYUL, YHNB, YHNB, NSK, NSK, ELDTW, ELDTW.

JMA 16:22:27.1, 0.2, 25.1N, 123.4E, 0.3, h28km, MV1.5/9, NW OFF ISHIGAKIJIMA IS, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like YOJ, YOJ, JYNG, JYNG, IRIF, IRIF, JIJ, JIJ, JJKS, JJKS, JISG, JISG, HATJ, HATJ.

IDC 16:27:35.2, 1.0, 24.74N, 123.16E, h0km, mb3.7/9, mbtmp3.7/10, ML3.1/1, MS3.0/4, Error ellipse: s-maj=43.5km s-min=17.7km az=72.0

JMA 16:27:37.3, 0.2, 24.9N, 123.4E, 0.6, h33km, MD4.1/8, MV3.4/8, NW OFF ISHIGAKIJIMA IS

NIED 16:27:37.3, 24.89N, 123.36E, h33km, MW3.9, Moment Tensor Solution. s2 Moment tensor: Scale 10^14N/m

ISC 16:27:39.2, 0.8, 24.77N, 123.38E, 0.05, h32km, n21, 0.084/19, mb3.7/8, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like YOJ, YOJ, JYNG, JYNG, IRIF, IRIF, JJKS, JJKS, JIJ, JIJ, HATJ, HATJ, JISG, JISG, JTJ, JTJ, JNU, JNU, KSRS, KSRS, DAV, DAV, HILR, HILR, KLR, KLR, SONM, SONM, MKAR, MKAR, ZALV, ZALV, KURBB, KURBB, WRA, WRA, BVAR, BVAR, ASAR, ASAR.

HLW 16:56:48.9, 27.22N, 34.73E, h11km, 4km, MI2.5, SCS 16:56:52.0, 27.40N, 34.73E, h4km, MI1.6

ISC 16:56:48.4, 1.1, 27.25N, 0.05, 34.72E, 0.04, h10km, n16, 0.052/19, Red Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like NSFG, NSFG, MWLHS, MWLHS, TRI, TRI, HHRG, HHRG, RSHS, RSHS, AYUS, AYUS, BDAS, BDAS, DESA, DESA, MKAT, MKAT, TRO2, TRO2, JLOS, JLOS, NUB, NUB, BIDS, BIDS, EWJHS, EWJHS, SUZ, SUZ.

SDD 16:57:23.8, 2.2, 18.10N, 71.45W, h0km, 23km, MD2.8, ML2.3, MVW2.5, Presumed earthquake

OSPL 16:57:24.6, 2.0, 18.19N, 71.23W, h12km, 8km, ML2.4, Presumed earthquake

ISC 16:57:24.5, 1.0, 18.16N, 0.03, 71.33W, 0.05, h10km, 6km, n111, 0.087/19, 9C-1D, Dominican Republic region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like PODR, PODR, PODR, PODR, NEDR, NEDR, LOVI, LOVI, LOVI, LOVI, LOBH, LOBH, LOBH, LONE3, LONE3, LONE3, SDDR, SDDR, SDDR, SDDR, BANI, BANI, BANI, REDR, REDR, REDR, HATOM.

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

IDC 16:52:51.0, 1.2, 26.94N, 143.89E, h0km, mb3.6/8, mbtmp3.6/11, ML3.1/3, MS2.4/1, Error ellipse: s-maj=30.7km s-min=19.4km az=77.0

JMA 16:52:53.6, 0.1, 27.4N, 0.6, 143.7E, 0.4, h0km, MV4.5/18, NEAR CHICHIJIMA ISLAND

ISC 16:52:56.5, 1.1, 27.1N, 0.1, 143.84E, 0.10, h35km, n25, 0.11/22, mb3.7/8, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like CBJ, CBJ, CBJ, CBJ, JCH, JCH, JCH, JCH, JHH, JHH, JHH, JHH, JHU, JHU, JRY, JRY, JHO, JHO, MJAR, MJAR, KSRS, KSRS, USRK, USRK, H1N2, H1N2, H1N1, H1N1, H1N3, H1N3, H1S3, H1S3, H1S1, H1S1, H1S2, H1S2, KLR, KLR, SONM, SONM, WRA, WRA, ASAR, ASAR, MKAR, MKAR, KURBB, KURBB, ILAR, ILAR, BOR, BOR, HLR, HLR.

HLW 16:56:48.9, 27.22N, 34.73E, h11km, 4km, MI2.5, SCS 16:56:52.0, 27.40N, 34.73E, h4km, MI1.6

ISC 16:56:48.4, 1.1, 27.25N, 0.05, 34.72E, 0.04, h10km, n16, 0.052/19, Red Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like NSFG, NSFG, MWLHS, MWLHS, TRI, TRI, HHRG, HHRG, RSHS, RSHS, AYUS, AYUS, BDAS, BDAS, DESA, DESA, MKAT, MKAT, TRO2, TRO2, JLOS, JLOS, NUB, NUB, BIDS, BIDS, EWJHS, EWJHS, SUZ, SUZ.

SDD 16:57:23.8, 2.2, 18.10N, 71.45W, h0km, 23km, MD2.8, ML2.3, MVW2.5, Presumed earthquake

OSPL 16:57:24.6, 2.0, 18.19N, 71.23W, h12km, 8km, ML2.4, Presumed earthquake

ISC 16:57:24.5, 1.0, 18.16N, 0.03, 71.33W, 0.05, h10km, 6km, n111, 0.087/19, 9C-1D, Dominican Republic region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like PODR, PODR, PODR, PODR, NEDR, NEDR, LOVI, LOVI, LOVI, LOVI, LOBH, LOBH, LOBH, LONE3, LONE3, LONE3, SDDR, SDDR, SDDR, SDDR, BANI, BANI, BANI, REDR, REDR, REDR, HATOM.

UPP 16 17:00:56.0±0.1,67.06N;20.94E,h0km,ML2.3,Suspected explosion
IDC 16 17:00:56.9±2.2,67.06N;20.98E,h0km,mbtmp2.7/2, ML2.1/2, Error ellipse: s-maj=34.4km s-min=9.6km

HEL 16 17:00:57.4±0.3,67.08N;21.03E,h0km,ML1.9,Suspected explosion
ISC 16 17:00:56.7±0.8,67.08N;20.202.96E±0.02,h0km,n44, ±016/64,Sweden

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

JMA 16 17:04:44.7±0.2,24.9N;110.1233E±0.4,h17km,MV2.0/B, NW OFF ISHIGAKIJIMA IS,Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for JMA event.

TAP 16 17:05:04.2,23.99N;121.59E,h34km,ML1.8,2D,B, Taiwan

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for TAP event.

Table with columns: WUSB Renai, WUSB Tachien, WUSB Techi, WUSB Datong, WUSB Wuta, WUSB Nuan Shan, WUSB Hungye, WUSB Datong, WUSB Suanglung, WUSB Beigang Elemen, WUSB Sun Moon Lake, WUSB Nioudou, WUSB Taichung City, WUSB Yeheng, WUSB Sangang, WUSB Xinyi Township, WUSB Fushanzhiwuyua, WUSB Fulb. Lists stations and their data.

HLW 16 17:06:51.9,27.18N;34.62E,h26km,6km,M13.4
SGS 16 17:06:53.0,27.40N;34.74E,h9km,M12.3
ISC 16 17:06:48.9±0.9,27.28N;34.69E±0.03,h12km,n28, ±110/32,Red Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for HLW/SGS/ISC event.

IDC 16 17:07:43.2±0.2,19.24S;173.36W,h0km,mb3.7/3, mbtmp3.7/3, Error ellipse: s-maj=351.4km s-min=142.0,Tonga Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for IDC event.

ISK 16 17:16:37.7,36.94N;27.32E,h12km,ML3,1/15
ATH 16 17:16:37.9±0.4,36.96N;27.32E,h12km,3km,ML2.7/6, Latitude uncertainty: 2 km; Longitude uncertainty: 3 km

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for ISK/ATH event.

AFAD 16 17:16:38.3,36.94N;27.35E,h8km,1km,ML2.8
ISC 16 17:16:38.2±0.9,36.95N;27.33E±0.02,h12km,6km, n46,±047/71,Dodecanese Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for AFAD/ISC event.

GCAM G?zelcam? 0.76 354 P Pg 17 16 53.0 ±0.2
GCAM G?zelcam? 0.76 354 S Sb 17 16 53.1 ±0.2
GCAM 17 17 04.5 ±1.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for GCAM event.

Table with columns: ARG Arkhangelos, ARG Dalyan (Mula), ARG Dalyan (Mula), ARG Aydin, ARG Aydin-Nazilli, ARG Gumuldur, ARG Nazilli-Aydin, ARG Mula-Dalaman, ARG DENIZLI Tavass, ARG Denizli-Tavas, ARG Karpatos, ARG Karpatos, ARG ODEMIS-zimri, ARG Balçova, ARG CAMEL-Denizli, ARG Thera Ancient Thera, ARG Chios island, ARG Zakros, ARG Karystos, ARG Dionysos Attik. Lists stations and their data.

CATAC 16 17:18:24.5±0.4,13°N;2°9'0W,h24km,2km,M3.8/3.1, MLV3.8/3.1, Error ellipse: s-maj=4.5km s-min=2.6km az=28.8,confirmed

GCG 16 17:18:26.1±1.0,13.23N;89.69W,h32km,6km,MD4.0, Presumed earthquake

ISC 16 17:18:25.1±1.4,13.14N;0.05;89.63W±0.03,h28km±11km, n47,±0546/81,El Salvador

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for CATAC/GCG/ISC event.

JMA 16 17:23:34.2±0.2,24.9N;121.59E,h34km,ML1.8,2D,B, MW3.0/10, NW OFF ISHIGAKIJIMA IS, mbtmp3.2/3, Error ellipse: s-maj=408.8km s-min=30.5km az=60.0

ISC 16 17:23:34.2±0.2,24.9N;121.59E±0.04,h10km,n10, ±0540/16,mb3.4/3,Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists seismic stations for JMA/ISC event.

16d 17h

NEIC 16 17:42:49.4, 1.8, 21.2N, 0.2, 68.52W, 0.06, h144km, 11km, ML3.2/39, MD3.8/10(RSPR), Error ellipse: s-maj=33.4km s-min=5.9km az=189.0

OSPL 16 17:42:50.9, 1.8, 18.23N, 68.45W, h156km, 11km, ML3.4, Presumed earthquake

RSPR 16 17:42:51.1, 1.8, 35N, 68.41W, h147km, 1km, MD3.8/10 SDD 16 17:42:51.6, 2.9, 17.99N, 68.62W, h141km, 21km, MD3.4, ML3.3, MW3.4, Presumed earthquake

ISC 16 17:42:49.1, 1.4, 18.24N, 0.07, 68.51W, 0.03, h152km, 8km, n58, c1910/93, 29C-7D, Mona Passage

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

2020 JUN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations and data for the period.

JMA 16 17:44:29.1, 0.3, 25.1N, 123.4E, 0.4, h23km, MV1.5/7, NW OFF ISHIGAKIJIMA IS, Southwestern Ryukyu

HLW 16 17:44:34.4, 27.13N, 34.57E, h3km, 5km, ML3.0 SGS 16 17:44:38.0, 27.40N, 34.78E, h4km, ML2.3

ISC 16 17:44:33.1, 1.2, 27.22N, 0.04, 34.66E, 0.03, h11km, 11km, n27, c1919/39, Red Sea

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations and data for the period.

TAP 16 17:45:17.6, 23.65N, 120.76E, h16km, ML3.0, A ISC 16 17:45:17.8, 0.8, 23.85N, 0.01, 120.75E, 0.01, h17km, 5km, n119, c0852/214, Taiwan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations and data for the period.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations and data for the period.

WEL 16 17:50:05.1, 1.0, 32.5S, 179.9E, 1.4, h12km, M4.1/7, mB4.5/3, ML3.9/8, MLv4.2/7, Mw(mB)3.7/3, Error ellipse: s-maj=20.9km s-min=4.6km az=116.8, confirmed, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Lists seismic stations and data for the period.

16d 18h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like HILAR, MJAR, PKPbc, etc.

16d 17:54:37.5, 1.3, 9.62S, 116.12E, h0km, mb3.5/8, mbmp3.7/10, ML4.1/2, MS3.0/3, Error ellipse: s-maj=49.8km s-min=17.7km az=55.0, NEIC 16 17:54:45.2, 1.1, 9.59S, 0.106, 116.59E, 0.06, h67km, 9km, mb4.0/1, Error ellipse: s-maj=11.1km s-min=8.1km az=188.0

DJA 16 17:54:45.3, 0.2, 10.52S, 111.7E, h10km, M4.5/27, mb6.0/2, mb4.4/17, ML4.6/27, Mw(mb)5.6/2, ISC 16 17:54:42.6, 0.5, 9.59S, 0.05, 116.56E, 0.03, h33km, n54, 0.195S/52, mb3.6/8, Sumbawa region

Main table for 16d 18h section, listing seismic stations and their details across various regions like Sumbawa, etc.

16d 17:56:45.5, 1.2, 9.83S, 156.42E, h0km, mb3.6/7, mbmp3.7/8, ML1.6/2, MS3.2/8, Error ellipse: s-maj=35.7km s-min=23.1km az=140.0

ISC 16 17:56:50.4, 0.9, 9.95S, 0.2, 156.4E, 0.1, h35km, n16, 0.095S/9, mb3.6/7, MS3.2/6, Bougainville-Solomon Islands region

Table for Bougainville-Solomon Islands region, listing stations like HNR, PMG, etc.

2020 JUN

Table for 2020 JUN section, listing stations like STKA, GUMO, etc.

SDD 16 18:01:55.4, 2.7, 17.93N, 71.30W, h24km, 10km, MD2.7, ML2.2, MW2.9, Presumed earthquake

OSPL 16 18:01:59.8, 1.6, 18.22N, 71.30W, h9km, 6km, ML2.0, ISC 16 18:01:59.9, 1.0, 18.21N, 0.03, 71.36W, 0.04, h8km, gkm, n12, c148/21, 8C-3D, Dominican Republic region

Main table for 2020 JUN section, listing stations like PODR, LODU1, etc.

ISC 16 18:04:11.0, 35.0, 5.444N, 41.40E, h0km, Error ellipse: s-maj=145.0km s-min=57.2km az=138.0, Baltic States-Belarus-Northwestern Russia

Table for Baltic States-Belarus-Northwestern Russia region, listing stations like I43RU, I31KZ, etc.

NNC 16 18:04:43.7, 6.5, 39.30N, 75.64E, h0km, mb3.5, mpv3.5, 2D, Error ellipse: s-maj=52.4km s-min=49.3km az=114.0, Southern Xinjiang

Main table for Southern Xinjiang region, listing stations like AAK, KST, etc.

DJA 16 18:05:47.0, 2.8, 8.52S, 111.7E, h10km, M4.2/28, mb5.8/1, mb4.2/12, ML4.2/28, Mw(mb)5.4/1

ISC 16 18:05:49.6, 6.2, 8.42S, 117.39E, h0km, mb3.9/3, mbmp4.0/5, ML3.7/2, Error ellipse: s-maj=107.9km s-min=27.5km az=93.0

NEIC 16 18:05:50.8, 1.2, 8.52S, 0.07, 117.6E, 0.1, h10km, 2km, mb4.2/6, Error ellipse: s-maj=21.2km s-min=4.5km

ISC 16 18:05:45.0, 8.2, 8.26S, 0.06, 116.79E, 0.04, h10km, n36, 0.230/32, mb4.2/3, Sumbawa region

Main table for Sumbawa region, listing stations like PLAI, IGBI, etc.

Table for 1006 section, listing stations like MMRI, MMSI, etc.

TAP 16 18:12:36.2, 24.72N, 122.30E, h17km, 1km, ML1.9, D, Taiwan region

Main table for Taiwan region, listing stations like E0S2, TWB1, etc.

Main table for 1006 section, listing stations like AS31, ASAR, etc.

JMA 16 18:12:55.0, 2.25N, 123.4E, 0.3, h29km, MV1.9/9, NW OFF ISHIGAKIJIMA IS, Southwestern Ryukyu Islands

Main table for Southwestern Ryukyu Islands region, listing stations like YOJ, YJY, etc.

NEIC 16 18:19:51.7, 1.9, 10.67S, 0.08, 165.12E, 0.09, h64km, 3km, mb4.3/14, Error ellipse: s-maj=14.3km s-min=9.4km az=46.0

ISC 16 18:19:56.2, 3.4, 10.63S, 164.85E, h99km, 28km, mb3.6/9, mbmp3.9/11, MS2.7/4, Error ellipse: s-maj=28.9km s-min=18.8km az=62.0

ISC 16 18:19:55.6, 0.6, 10.74S, 0.07, 164.87E, 0.09, h100km, n43, 0.1507/37, mb4.0/14, Santa Cruz Islands region

Main table for Santa Cruz Islands region, listing stations like HNR, HNR, etc.

0.4nm,0.5s
KURBB Kurchatov Arra 63.74 327 P P 21 33 08.6 -0.8

IDC 16 21:29:27.5-1.6,24:87N:123.13E,h0km,mb3.6/4,
mbtmp3,6/5,ML3.3/1,MS3.0/9,Error ellipse: s-maj=70.4km

JMA 16 21:29:29.4+0.2,24:9N:0.8:123.3E:0.3,h21km,MV2.9/11,
NW OFF ISHIGAKIJIMA IS

ISC 16 21:29:29.4+1.4,24:83N:0.06:123.38E:0.07,h19km,4km,
n20,c0:75/17,mb3.5/4,MS3.0/5,Southwestern Ryukyu

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like YOJ, YONG, YJNG, IRIF, JKRS, etc.

KRNET 16 21:37:08.7-0.1,40:88N:73.99E,h19km,mb2.5,
NNC 16 21:37:10.4-5.3,40:91N:73.93E,h0km,mb2.5,mpv2.5,

KNET 16 21:37:12.7-0.4,41:11N:73.95E,h3km,1km,m1.5,Error
ellipse: s-maj=1.1km s-min=2.2km az=103.0

SOME 16 21:37:38.3,43:57N:72.43E,h5km
ISC 16 21:37:08.8-2.0,40:90N:0.08:74.00E:0.04,h3km,2km,
n23,c0:74/37,20C-16D,Kyrgyzstan-Xinjiang border

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like ARSB, ARSB, SFK, SFK, ARLS, UCH, etc.

GII 16 21:42:29.6-0.0,33:247N:0.001:28:016E:0.001,h0km,
Mws3.5,confirmed
ISK 16 21:42:30.4,33:44N:28:00E,h30km,ML3.1/18

Table with columns: KARP, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like ZKR, ARG, OSCI, etc.

Table with columns: NATI, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like Neve Ativ, AI-Qirein, etc.

TAP 16 21:45:48.4,23:94N:121:61E,h40km,1km,ML2.6,D,
Taiwan

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like TEYL, TEYL, ETM, etc.

JMA 16 21:46:03.5-0.4,25:2N:123:3E:0.8,h33km,MV1.9/5,
NW OFF ISHIGAKIJIMA IS,Southwestern Ryukyu

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like YOJ, YOJ, YJNG, etc.

TAP 16 21:54:13.1,24:51N:121:85E,h23km,ML1.8,B,Taiwan

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like ESAO, ESAO, EWUT, etc.

JMA 16 21:54:23.0-0.2,25:1N:123:4E:0.3,h33km,MV2.3/8,
NW OFF ISHIGAKIJIMA IS,Southwestern Ryukyu

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like YOJ, YOJ, YJNG, etc.

IDC 16 21:59:07.4-0.9,53:54N:164:38W,h0km,mb4.2/30,
mbtmp4.2/33,ML4.0/3,MS3.4/30,Error ellipse:
s-maj=23.2km s-min=11.8km az=172.0

NEIC 16 21:59:07.5-1.5,53:26N:0.04:164:24W:0.06,h10km,1km,
mb4.0/45,ML4.1/18,ML3.8(AEIC),Error ellipse:
s-maj=8.8km s-min=3.6km az=147.0

AEIC 16 21:59:08.7-1.6,53:22N:0.08:164:21W:0.08,h20km,5km,
Error ellipse: s-maj=11.4km s-min=5.9km az=162.0

ISC 16 21:59:08.6-2.2,53:29N:0.06:164:23W:0.03,
h16km,12km,n239,c1:97/225,mb4.4/48,MS3.4/28,
Unimak Island region

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Op, ISC, Time, Res. Includes stations like AKSA, AKSA, AKUT, etc.

16d 22h

Table with columns for station ID, name, coordinates, and status. Includes stations like ZRO, LVA, UNV, SSSA, ISNN, MNAT, etc.

2020 JUN

Table with columns for station ID, name, coordinates, and status. Includes stations like F24K, E23K, M29M, E24K, N30M, etc.

1012

Table with columns for station ID, name, coordinates, and status. Includes stations like comp=Z,4.6nm,0.9s, SCON, SMO, SCO, SOEG, etc.

NAO 16 22:00:03.2, 36°23'N-23°39'E, h33km, MB3.4
THE 16 22:00:11.7, 37°N-2°20'E, h0km, 2km, M3.5/18, MLh3.5/18
ATH 16 22:00:13.5, 37°25'N-20°42'E, h8km, 1km, ML3.5/22
Latitude uncertainty: 1 km; Longitude uncertainty: 1 km
IDC 16 22:00:18.7, 37.476N-20.57E, h45km, 18km, mb3.3/8, mbmp3.5/14, ML2.4/3, MS3.0/10, Error ellipse: s-nmaj=18.7km s-min=10.3km az=19.0
ISC 16 22:00:16.4, 1.37328N-104.204539E, 0.04, h30km, 9km, h108, -1579/113, mb3.5/7, MS3.0/6, 2C-8D, Ionian Sea

Table with columns: VLS, VLSameta, 0.80, 4, P, Pb, 22.00 31.6 -0.2, etc. Lists various stations and their coordinates.

JMA 16 22:15:14.6,0.0,24.18N,0.3,122.42E,0.07h, h22km, MV2.5/7, NW OF ISHIGAKIUMA IS

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, ISC. Lists stations like TWB1, EGS, EGS2, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, ISC. Lists stations like EGS3, EGS4, EGS5, etc.

ATH 16 22:21:28.7, 35.41N, 122.51E, h7km, 3km, ML3.1/10, Latitude uncertainty: 1 km

THE 16 22:20:35.6, 36.18N, 2.3E, h45km, 1.4km, M2.9/4, MLh2.9/4

ISK 16 22:21:31.7, 36.37N, 28.06E, h27km, MLO.9/4, ISC 16 22:20:34.2, 0.3555N, 0.07, 22.77E, 0.08, h29km, 1.3km, n37, t109/44, Central Mediterranean Sea

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

Fault plane solution: Ms 1.07000x1014 NP1:φs29.0000°, δ36.00000°, λ-63.00000°. NP2:φs177.00000°, δ58.00000°, λ-108.00000°

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, ISC. Lists stations like JIKH, IJOU, JIKM, etc.

AFAD 16 22:39:31.5, 34.05N, 28.33E, h7km, 6km, ML2.6, ISK 16 22:39:29.7, 33.85N, 28.22E, h4km, ML2.7/12, Eastern Mediterranean Sea

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, ISC. Lists stations like KARP, ARG, ARG, etc.

IOC 16 22:41:07.1, 1.31, 3.31, 43S, 177.16W, h0km, mb4.4/4, mbmp4.4/6, ML4.3/2, MS3.9, Error ellipse: s-maj=35.5km

NEIC 16 22:41:08.5, 0.9, 31.4S, 0.1, 177.0W, 0.2, h10km, 1km, mb4.4/10, Error ellipse: s-maj=29.3km, s-min=13.3km

ISC 16 22:41:12.1, 1.0, 31.51S, 0.06, 177.3W, 0.2, h35km, n59, c29.59/55, mb4.5/6, MS3.3/6, Kermadec Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, ISC, Time, Res, ISC. Lists stations like GLKZ, RAO, RAO, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like D19K, Pesi River, GSPA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MASN, AI N del Volca, MASA, etc.

IDC 17:25:56:14.2, 1.8, 6.10S; 146.81E; h78km, 17km, mb3.8/1, mtbtp4.1/16, MS3.1/9, Error ellipse: s-maj=23.3km s-min=1.1km az=89.0

NEIC 17:25:56:15.2, 1.5, 6.11S; 0.09:146.6E:0.1, h75km, 7km, mb4.3/23, Error ellipse: s-maj=18.1km s-min=1.1km

ISC 17:25:56:12.3, 0.6, 6.03S; 0.06:146.6E:0.1, h52km, n61, az=083.50, mb4.2/21, MS3.1/5, Eastern New Guinea region

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

NEIC 17:00:31:02.0, 1.8, 7.6S; 0.1:119.39E:0.07, h273km, 6km, mb4.1/10, Error ellipse: s-maj=15.8km s-min=8.4km az=201.0

DJA 17:00:31:03.0, 0.9, 8.5S; 11.19E; h277km, 13km, M4.5/12, mb5.4/1, mb5.2/1, MLV4.1/12, Mw(mb)4.8/1

IDC 17:00:31:04.2, 1.5, 7.12S; 120.01E; h287km, 13km, mb3.5/7, mtbtp4.1/11, Error ellipse: s-maj=71.8km s-min=6.4km az=55.6

ISC 17:00:31:01.9, 0.6, 7.55S; 0.07:119.44E:0.07, h273km, n43, az=123.47, mb4.0/12, Flores Sea

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

SJA 17:00:50:40.7, 0.5, 36.60S; 73.66W; h33km, 2km, ML5.0, MV4.9

IDC 17:00:50:41.8, 0.5, 36.64S; 73.11W; h0km, mb4.4/14, mtbtp4.3/18, ML4.0/4, MS3.9/37, Error ellipse: s-maj=18.5km s-min=11.5km az=9.0

VAO 17:00:50:44.0, 0.6, 36.54S; 73.16W; h10km, mb4.7, Presumed earthquake

NEIC 17:00:50:45.9, 1.4, 36.64S; 0.07:73.16W:0.07, h24km, 1km, mb4.9/33, Mw4.8/56, Mw4.8(GUC), Error ellipse: s-maj=8.8km s-min=6.5km az=115.0

NEIC 17:00:50:46.2, 36.62S; 73.15W; h25km, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mr2.02; Mw=0.38; Mw=1.64; Mw=0.63; Mw=0.91; Mw=0.30; Fault plane solution: M2, 18000x10^16 Np2=38.810000, 553.59000, 1.103.69000. NP2=196.50000, 838.56000, 1.72.21000. Principal axes: T=1.781, P1g77.0000, Azm355.0000; N=1.0095, P1g11.0000; Azm211.0000; P=2.1876, P1g8.0000; Azm119.0000;

GUC 17:00:50:46.4, 0.6, 36.66S; 73.13W; h29km, 1km, ML4.7

ISC 17:00:50:45.6, 0.7, 36.62S; 0.03:73.25W:0.04, h27km, 4km, n249, az=190.225, mb4.8/49, MS4.0/33, 11C-2D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BI05, Punta Hualpn, BI05, etc.

CATAC 17:00:32:27.9, 0.3, 11.12N; 2.86W; h50km, 4km, M3.3/23, MLV3.3/23, Error ellipse: s-maj=6.4km s-min=3.0km az=44.8, confirmed

UCR 17:00:32:27.3, 1.1, 11.18N; 86.06W; h54km, 13km, MWV3.5, Presumed earthquake

ISC 17:00:32:27.6, 1.4, 11.25N; 0.04:85.93W:0.06, h71km, gkm, n44, az=57/66, 1C-9D, Nicaragua

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

Table with columns: Station, Az, El, AzEl, P, M, S, R, Res. Includes stations like Las Vizcachas, Curacav, Torpederas, etc.

Table with columns: Station, Az, El, AzEl, P, M, S, R, Res. Includes stations like Novo Progresso, Teife, Itaibuta, Otavalo, etc.

Table with columns: Station, Az, El, AzEl, P, M, S, R, Res. Includes stations like Blindstream Ca, Dugway, Hardwood Ranch, etc.

IDC 17:00:52:16.0:1.1:3:03S:138°67'E,h0km,mb3.7/3, mbmp4.1/7,ML4.2/4,MS3.1/5,Error ellipse:s-maj=31.6km s-min=20.2km az=140.0

DJA 17:00:52:3.0:5.0:8.3:5:3:13°9'E,e,h14km,8km,M4.1/6, ML4.1/1

ISC 17:00:52:25.0:8.3:02S:076°138'84E:077,h46km,n15, c355/15,mb3.7/3,Irian Jaya

Table with columns: Code, Station Name, Az, El, P, M, S, R, Res. Includes stations like WAMI, WAMI, SMPI, GENI, etc.

JMA 17 00:54:18.4,0.2,24.9N,0.8,123.4E,0.5,h2km,4km, MV1.8/9,NW OFF ISHIGAKIJIMA IS,Southwestern Ryukyus Islands

TAP 17 00:54:42.1,24.89N,122.10E,h11km,ML2.9,C,Taiwan region

IDC 17 01:13:29.2,1.9,9.22S,112.86E,h0km,mb3.8/5, mbtmp3.8/6,ML3.7/1,MS2.9/2,Error ellipse: s-maj=86.9km s-min=21.6km az=51.0

ISK 17 01:16:29.6,33.58N,27.96E,h2km,ML3.1/2 NIC 17 01:16:31.6,33.51N,28.03E,h1km,4km,ML2.6/15

ARG ARG 0.1nm,0.4s S AML Sg AML 01 17 46.9 -1.1 ARG ARG 0.1nm,0.7s NPS Neapolis 2.52 305 P Pn 01 17 50.2 +3.3

KRMI GHAJ Ghor Haditha 6.77 110 S Pn 01 19 19.7 -7.5 GHAJ Ghor Haditha 6.77 110 P Pn 01 18 10.4 -0.6

17d 3h

Table with columns: STKA, Name, Comp, Az, El, AzEl, P, Pmax, AzEl, P, Pmax. Rows include KGCAG Kacgae, BBSD Serra San D, PB07 IROC Station P, etc.

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Table with columns: STKA, Name, Comp, Az, El, AzEl, P, Pmax, AzEl, P, Pmax. Rows include Stephens Creek, STKA Raoul Island, Stephens Creek, etc.

1020

Table with columns: P29M, Name, Comp, Az, El, AzEl, P, Pmax, AzEl, P, Pmax. Rows include Windy Craggy, BTO2 Baotou, HNS HongShan, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC, Code, Station Name, A, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Camden Bay, Christian River, Eielson Array, etc.

Table with columns: Station Name, Time, Res, ISC, h, m, s, ISC, Code, Station Name, A, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Kokwok River B, Holtina River, Niglu River, etc.

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

SJA 17 03:54:58.1±1.9, 20.24S; 68.49W, h156km, ML3.5, MW3.5, SCB 17 03:54:58.4±1.2, 20.24S; 68.58W, h160km, 9km, ML3.7/3.

OSPL 17 04:25:32.3±1.9, 18.18N; 71.35W, h10km, 14km, ML2.4, Presumed earthquake

SDD 17 04:25:32.0±2.8, 18.12N; 71.40W, h0km, 13km, MD2.9, ML2.6, MW2.8, Presumed earthquake

ISC 17 04:25:30.9±1.0, 18.19N; 0.03; 71.38W, h17km, 8km, n11, 0878/22, 7C-5D, Dominican Republic region

Table with columns: Code, Station Name, A, AZ, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like LODO1, NEDR, LOVI, LOBH, etc.

17d 6h

J17K	VABM Dome	80.18	7	P	P	06 35 57.1 +0.8
EPH	Ephrata	80.21	35	Iamb	Iamb	06 35 58.9
GHO	Glory Hole Cre	80.29	12	Iamb	Iamb	06 35 58.4
KLR	Kul'dur	80.30	328	P	P	06 35 57.5 +0.2
KLR	Kul'dur	80.30	328	eP	eP	06 35 58.5 +1.2
KLR	Kul'dur	80.30	328	eP	eP	06 35 58.5 +1.2
121A	Cookes Peak D	80.32	52	Iamb	Iamb	06 36 01.1
MA2	Magadan	80.37	343	eP	eP	06 35 58.8 +1.4
MA2	Magadan	80.37	343	eP	eP	06 35 58.8 +1.4
S31K	Pelican	80.38	20	P	P	06 35 57.3 -0.1
D08A	Wollman Farm	80.41	35	Iamb	Iamb	06 36 00.3
SML	Sawmill	80.44	12	P	P	06 35 57.4 -0.5
I17K	Unalakleet	80.47	6	P	P	06 35 58.9 +1.1
B17M	Bremner River	80.53	14	P	P	06 35 58.7 +0.3
WRMK	Wrangell Islan	80.53	22	P	P	06 35 58.9 +0.6
S32K	Killinsnoo	80.55	21	P	P	06 35 58.1 -0.3
M23K	Glacier View	80.56	13	P	P	06 35 58.1 -0.3
BNX	BinXian	80.58	323	uP	uP	06 35 58.8 -0.1
BNX	BinXian	80.58	323	uP	uP	06 37 07.8 -1.1
BNX	BinXian	80.58	323	uP	uP	06 45 44.0 +3.1
BNX	BinXian	80.58	323	uP	uP	06 45 01.8 +0.6
BNX	BinXian	80.58	323	uP	uP	06 45 01.8 +0.6
CUT	Chulitna	80.60	11	P	P	06 35 58.1 -0.5
DL2	Dalian	80.61	315	P	P	06 35 59.8 +0.6
DL2	Dalian	80.61	315	P	P	06 37 07.6 +0.8
DL2	Dalian	80.61	315	P	P	06 37 38.8 +1.4
DL2	Dalian	80.61	315	P	P	06 45 46.8 +5.4
DL2	Dalian	80.61	315	P	P	06 45 46.8 +5.4
L22K	Petersville	80.62	11	Iamb	Iamb	06 37 09.9
L22K	Petersville	80.62	11	Iamb	Iamb	06 35 58.2 -0.6
CN2	Changchun	80.67	321	P	P	06 36 00.5 +1.1
CN2	Changchun	80.67	321	P	P	06 45 47.8 -1.5
CN2	Changchun	80.67	321	P	P	06 45 47.8 -1.5
SCM	Sheep Creek Mo	80.68	13	Iamb	Iamb	06 36 00.6
SCM	Sheep Creek Mo	80.68	13	Iamb	Iamb	06 35 58.8 -0.3
KLU	Klutina	80.69	14	Iamb	Iamb	06 36 00.8
KLU	Klutina	80.69	14	Iamb	Iamb	06 35 59.1 -0.1
PPLA	Purkeypile	80.71	10	P	P	06 35 59.3 0.0
CRQE	Cirque	80.72	15	P	P	06 35 59.6 +0.2
ANM	Nome	80.73	4	P	P	06 35 60.0 +0.8
F10A	Beach Ranch, E	80.74	37	P	P	06 35 60.0 +0.2
TGL	Tana Glacier	80.79	15	Iamb	Iamb	06 36 01.5
SNY	Shenyang	80.79	318	uP	uP	06 36 00.6 +0.6
SNY	Shenyang	80.79	318	uP	uP	06 37 10.4 +0.3
SNY	Shenyang	80.79	318	uP	uP	06 37 41.5 +3.2
SNY	Shenyang	80.79	318	uP	uP	06 45 48.3 +5.1
K20K	Telida	80.83	9	Iamb	Iamb	06 36 01.7
K20K	Telida	80.83	9	Iamb	Iamb	06 36 00.3 +0.5
P1NM	Pinnacle	80.91	17	P	P	06 35 59.8 -0.6
TMUT	Trail Mountain	80.99	45	Iamb	Iamb	06 36 04.5
U35K	Hyder	81.03	24	P	P	06 36 01.3 +0.3
VRDI	Verde Repeater	81.04	15	Iamb	Iamb	06 36 02.8
GRNC	Granite Creek	81.04	16	Iamb	Iamb	06 36 03.0
H16K	Elim	81.05	5	P	P	06 36 01.4 +0.5
N25K	Chitina, Valde	81.09	14	P	P	06 36 01.7 +0.4
GLB	Gilahina Butte	81.14	15	Iamb	Iamb	06 36 03.0
M24K	Tolsona	81.17	13	P	P	06 36 02.6 +0.9
R32K	Eaglecrest	81.19	20	P	P	06 36 02.0 +0.2
C09A	Chrisman Ranch	81.20	35	Iamb	Iamb	06 36 04.1
J19K	Poorman	81.20	8	Iamb	Iamb	06 37 17.9
J19K	Poorman	81.20	8	Iamb	Iamb	06 36 02.7 +0.9
CAST	Castle Rocks	81.22	10	P	P	06 36 00.6 -1.3
P29M	Windy Craggy	81.25	18	Iamb	Iamb	06 36 04.4
P29M	Windy Craggy	81.25	18	Iamb	Iamb	06 36 02.5 +0.4
WAT6	Susitna Watana	81.26	12	P	P	06 36 02.3 0.0
MCARA	McCarthy VSAT	81.28	15	Iamb	Iamb	06 36 04.0
MCARA	McCarthy VSAT	81.28	15	Iamb	Iamb	06 36 01.5 -0.7
LOGN	Logan Glacier	81.32	16	Iamb	Iamb	06 38 19.3
WAT1	Susitna Watana	81.32	12	P	P	06 36 02.2 -0.3
BARN	Barnard Glacie	81.35	16	P	P	06 36 02.9 +0.1
BARN	Barnard Glacie	81.35	16	P	P	06 36 04.6
SRU	San Rafael Sew	81.36	45	Iamb	Iamb	06 36 57.4
P17A	Butcher Ranch	81.39	45	Iamb	Iamb	06 36 06.2
O28M	Mount Upton	81.50	16	P	P	06 36 03.5 -0.2
PLBC	Pleasant Camp	81.53	19	P	P	06 36 04.4 +0.9
O29M	Mount Kennedy	81.56	17	P	P	06 36 04.4 +0.6
TRF	Thorofare Moun	81.56	11	Iamb	Iamb	06 36 06.0
TRF	Thorofare Moun	81.56	11	Iamb	Iamb	06 36 03.3 -0.5
TNA	Tin City	81.57	3	P	P	06 36 04.1 +0.6
F14K	Arctic Glacier	81.57	4	P	P	06 36 04.4 +0.8
H17K	Granite Mounta	81.58	6	Iamb	Iamb	06 36 05.9
H17K	Granite Mounta	81.58	6	Iamb	Iamb	06 36 04.1 +0.5
J20K	Nowinta River	81.59	9	P	P	06 36 04.2 +0.4
CHUM	Lake Minchuminc	81.61	10	P	P	06 36 03.4 -0.4
HARP	HAARP	81.66	14	Iamb	Iamb	06 36 05.9
HARP	HAARP	81.66	14	Iamb	Iamb	06 36 04.8 +0.6
T35M	Bob Quinn	81.73	23	P	P	06 36 05.4 +0.8

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VHRN	Van Horn	81.75	55	Iamb	Iamb	06 36 08.2
GCSA	Galena City S	81.75	8	P	P	06 36 05.7 +1.2
DHY	Denali Highway	81.78	12	P	P	06 36 04.9 -0.1
G16K	Koyuk River	81.78	5	Iamb	Iamb	06 36 07.1
G16K	Koyuk River	81.78	5	Iamb	Iamb	06 36 05.6 +0.9
RND	Reindeer	81.79	12	P	P	06 36 06.4
QIZ	Qiongzhong	81.80	292	P	P	06 36 05.3 -0.5
QIZ	Qiongzhong	81.80	292	P	P	06 37 43.5 +0.6
QIZ	Qiongzhong	81.80	292	P	P	06 45 54.5 +0.1
QIZ	Qiongzhong	81.80	292	P	P	06 45 54.1 -2.1
QIZ	Qiongzhong	81.80	292	P	P	06 45 54.1 -2.1
MNTX	Comudas Mount	81.81	54	Iamb	Iamb	06 36 08.3
SKAG	Skagway	81.86	19	P	P	06 36 05.8 +0.6
SKAG	Skagway	81.86	19	P	P	06 36 06.0 +0.8
PV05	Paradox Valley	81.86	47	Iamb	Iamb	06 36 08.9
P30M	Million Dollar	81.88	18	P	P	06 36 05.9 +0.5
F15K	North Star Dit	81.91	4	Iamb	Iamb	06 36 07.5
F15K	North Star Dit	81.91	4	Iamb	Iamb	06 36 05.7 +0.3
H18K	Honhosa River	81.96	7	Iamb	Iamb	06 36 07.5
H18K	Honhosa River	81.96	7	Iamb	Iamb	06 36 06.2 +0.6
G17K	Kiwalik Mounta	82.05	6	P	P	06 36 06.6 +0.5
MYKOM	Kota Tinggi	82.06	274	P	P	06 36 08.6 +1.3
MCK	McKinley	82.07	11	Iamb	Iamb	06 36 07.5
MCK	McKinley	82.07	11	Iamb	Iamb	06 36 06.1 -0.2
PV18	Skein Mesa, Pa	82.07	47	Iamb	Iamb	06 36 09.3
S34M	Telegraph Cree	82.09	22	Iamb	Iamb	06 36 09.0
S34M	Telegraph Cree	82.09	22	Iamb	Iamb	06 36 07.1 +0.6
PAX	Paxson	82.09	13	Iamb	Iamb	06 37 19.0
PAX	Paxson	82.09	13	Iamb	Iamb	06 36 06.1 -0.4
PV16	Nyswonger Mesa	82.10	47	Iamb	Iamb	06 36 09.5
PV03	Paradox Valley	82.12	47	Iamb	Iamb	06 36 09.5
PV11	David Mesa, Pa	82.12	47	Iamb	Iamb	06 36 10.4
I20K	Naaghedeneel	82.13	9	P	P	06 36 06.9 +0.4
YUK6	Outpost Mounta	82.14	17	P	P	06 36 07.0 +0.1
M26K	Nabesna, AK	82.16	14	Iamb	Iamb	06 36 08.6
M26K	Nabesna, AK	82.16	14	Iamb	Iamb	06 36 07.3 +0.5
PV02	Paradox Valley	82.17	47	Iamb	Iamb	06 36 09.9
TX31	Lajitas Ar, Si	82.21	57	Iamb	Iamb	06 37 20.5
TXAR	Lajitas Ar, Si	82.21	57	Iamb	Iamb	06 36 09.3 +1.4
TXAR	Lajitas Ar, Si	82.21	57	Iamb	Iamb	06 37 16.3 +0.6
TXAR	Lajitas Ar, Si	82.21	57	Iamb	Iamb	06 36 07.0 +0.8
PV01	Paradox Valley	82.26	47	Iamb	Iamb	06 36 10.2
WHN	Wuhan	82.26	305	P	P	06 36 09.3 +1.3
WHN	Wuhan	82.26	305	P	P	06 37 17.0 -1.5
WHN	Wuhan	82.26	305	P	P	06 37 48.1 +1.8
WHN	Wuhan	82.26	305	P	P	06 46 00.9 +2.2
WHN	Wuhan	82.26	305	P	P	06 46 00.9 +2.2
YUK3	Moose Creek	82.26	16	P	P	06 36 08.0 +0.4
HYT	Haines Junctio	82.29	17	Iamb	Iamb	06 36 09.9
HYT	Haines Junctio	82.29	17	Iamb	Iamb	06 36 07.6 0.0
BRWY	Burwash Landin	82.31	17	P	P	06 36 07.6 0.0
TLIG	Tiapa	82.32	69	Iamb	Iamb	06 37 21.3
PV07	Paradox Valley	82.34	47	Iamb	Iamb	06 36 10.7
ANMO	Albuquerque	82.36	50	P	P	06 36 09.4 +0.7
ANMO	Albuquerque	82.36	50	P	P	06 36 08.8 +0.1
ANMO	Albuquerque	82.36	50	P	P	06 36 09.6 +0.9
ANMO	Albuquerque	82.36	50	P	P	06 37 17.6 +1.0
ANMO	Albuquerque	82.36	50	P	P	06 36 08.8 +0.6
YUK4	Talbot Arm	82.39	17	P	P	06 36 08.6 +0.5
M27K	Eden Creek, AK	82.40	15	P	P	06 36 08.6 +0.5
PV15	Paradox Valley	82.41	47	Iamb	Iamb	06 36 11.0
MENT	Mentasta	82.46	14	Iamb	Iamb	06 36 08.4 +0.1
MENT	Mentasta	82.46	14	Iamb	Iamb	06 36 10.2
CNSH	ChangSha	82.48	302	uP	uP	06 36 09.8 +0.7
CNSH	ChangSha	82.48	302	uP	uP	06 36 09.8 +0.7
P32M	Atlin	82.48	20	Iamb	Iamb	06 37 22.0
P32M	Atlin	82.48	20	Iamb	Iamb	06 36 08.9 +0.3
Q32M	Nakina River	82.48	21	Iamb	Iamb	06 36 11.1
Q32M	Nakina River	82.48	21	Iamb	Iamb	06 36 08.4 -0.3
TIA	Taian	82.53	311	P	P	06 36 09.5 +0.2
TIA	Taian	82.53	311	P	P	06 36 09.5 +0.2
H19K	Roundabout Mou	82.56	8	Iamb	Iamb	06 36 11.2
H19K	Roundabout Mou	82.56	8	Iamb	Iamb	06 36 09.4 +0.7
L26K	Log Cabin Wild	82.62	14	Iamb	Iamb	06 36 11.1
L26K	Log Cabin Wild	82.62	14	Iamb	Iamb	06 36 09.6 +0.4
G18K						

Table with columns: Station Name, Azimuth, Elevation, Station Type, and other parameters. Includes stations like LESA, MDVR, BEHE, KOGS, RETA, etc.

Table with columns: Station Name, Azimuth, Elevation, Station Type, and other parameters. Includes stations like ESDC, PAB, MESJ, PABAR, etc.

NEIC 17 06:40:11.3...2.5, 23.385:0.06:68.49W:0.07, h90km, 6km, mb4.2/12, ML3.9(GUC), Error ellipse: s-maj=9.1km s-min=8.0km az=99.0

ISC 17 06:40:11.8...0.7, 23.385:68.39W, h106km, 6km, mb3.7/8, mbmp4.0/11, Error ellipse: s-maj=22.7km s-min=15.6km az=87.0

SJA 17 06:40:12.0...0.6, 23.29S:68.53W, h110km, 11km, ML3.8, MW3.8

GUC 17 06:40:13.1...0.7, 23.25S:68.57W, h108km, 5km, ML3.9

VAO 17 06:40:17.6...1.2, 23.00S:67.95W, h119km, 7km, mb4.3, Presumed earthquake

ISC 17 06:40:10.8...0.5, 23.38S:0.04:68.44W:0.05, h104km, 5km, n106, s145/113, mb4.1/7.1C, Northern Chile

Table with columns: Code, Station Name, Azimuth, Elevation, Station Type, Phase ID, Time, Res, and other parameters. Includes stations like AF01, PB06, PB05, etc.

Table with columns: Station Name, Azimuth, Elevation, Station Type, and other parameters. Includes stations like PTLB, PTLB, AQDB, etc.

IDC 17 06:46:12.8...314.0, 22.60N:159.07W, h0km, Error ellipse: s-maj=129.6km s-min=88.1km az=148.0, Hawaiian Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Station Type, Phase ID, Time, Res, and other parameters. Includes stations like I59U, I58U, I60U, etc.

BUI 17 06:58:15.7...24.79N:63.59E, h13km, mb5.0/6, mb4.6/26, Ms4.2/12, Ms7.4/0.15

IDC 17 06:58:15.8...0.7, 24.95N:63.26E, h0km, mb4.3/26, mbmp4.3/27, ML4.2/1, MS3.8/14, Error ellipse: s-maj=17.0km s-min=14.0km az=179.0

TEH 17 06:58:16.4...25.19N:63.27E, h10km, ML4.5, Presumed earthquake

MOS 17 06:58:16.7...1.2, 25.05N:63.33E, h14km, mb4.9/31, Error ellipse: s-maj=8.7km s-min=4.1km az=82.2

NEIC 17 06:58:17.6...1.8, 25.02N:0.06:63.26E:0.09, h10km, 1km, mb4.6/33, Error ellipse: s-maj=19.9km s-min=8.4km az=119.0

THR 17 06:58:20.5...0.0, 25.37N:63.00E, h10km, 773km, ML4.4, Presumed earthquake

OMAN 17 06:58:25.9...1.1, 24.85N:62.61E, h10km, mb4.1/18, m4.3/7, ms3.5/6, Error ellipse: s-maj=8.6km s-min=7.2km az=54.0

ISC 17 06:58:18.0...0.6, 24.99N:0.05:63.25E:0.04, h16km, 3km, h16km:pp-P, n322, s180/330, mb4.7/101, MS3.8/26, 6C-3D, Off coast of Pakistan

Table with columns: Code, Station Name, Azimuth, Elevation, Station Type, Phase ID, Time, Res, and other parameters. Includes stations like NGCH, SRVN, CHBR, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PAJU, KLF, HEF, HEF, TOF, KTK1.

HEL 17 07:54:52.7 0.1, 64.82N:28.97E, h0km, ML1.0, Explosion, Finland

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like RMF, RMF, KU1, KU2, KU6, OLK, OLK, OLK, OUF, OUF, OUF, JOESUU, JOESUU, TORNO, TORNO, FIAO, FIAO, LANU, LANU.

IDC 17 07:59:39.6 0.4, 44.37N:115.31W, h0km, mb3.0/1, mbtm3.3/9, ML3.4/7, MS2.9/4, Error ellipse: s-maj=7.5km

NEIC 17 07:59:39.6 1.6, 44.39N:115.16W:0.04, h13km, 6km, ML3.9/11.6, Mw3.9/6.5, ML4.3/9.3(BUT), Error ellipse: s-maj=4.7km

Moment tensor: Scale 10^19 Nm; Mr: 0.68; Mw: 0.63; Ms: 0.05; Mn: 0.08; Mv: -0.65; Mh: 0.42; Fault plane solution: Mo: 1.02000*10^15 NP1: 151.91000*0.58, 9.70000*lambda-49.90000*... NP2: 273.39000*0.49, 0.40000*lambda-136.96000*... Principal axes: T: 1.0676, P: 6.0000, Azm: 215.0000; N: -0.1034, P: 34.0000, Azm: 308.0000; P: -0.9642, P: 6.0000, Azm: 116.0000

BUT 17 07:59:39.6 2.0, 44.37N:115.25W:0.03, h10km, 8km Error ellipse: s-maj=3.8km s-min=1.3km az=58.0

NEIC 17 07:59:39.6 4.4, 44.40N:115.24W, h13km, MS2.9/4, Error ellipse: s-maj=7.5km s-min=5.5km az=82.0

ISC 17 07:59:39.6 4.4, 44.40N:115.23W:0.03, h11km, n105, 0.159/101, Western Idaho

Large table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PLID, HLID, HLID, HLID, MFID, MFID, BCIY, CNCI, BMO, BMO, BMO, ICI, MCMT, MOMT, DLMT, F10A, VCMT, HBMT, BPMT, BGMT, LRM, BUT, BUT, BUT, JOBA, JOBA, TPMT, CMI, MSO, MSO, MSO, LNOR, OLMT, LCCM, G08A, BOZ, ELMT, CHMT, NIDMT, YHB, YHB, YHB, YHL, PCMT, YMR, FBMT, OVMT, SLMT, ECR, BEMT, GRRI, VHH, WVOR, WVOR, HVU, BHMT, SWMT, FLYW, LYMT, MOOV, H17A, SNOW, SNOW, BZMT, AHID, AHID, AHID.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JMT, LOHW, LOHW, LOHW, BSMT, YTP, YBMT, HAWA, ELK, ELK, ELK, ELK, ELK, YPSB, MSMT, SPUT, SPUT, SPUT, D08A, YNE, YNE, YPK, BGU, WAH, HWUT, HWUT, HWUT, E07A, E07A, E07A, G06A, G06A, C09A, LDM, NEW, NEW, NEW, NEW, PINE, PINE, PINE, MXC, MXC, GCMT, RLMT, RLMT, RLMT, I05D, I05D, I05D, G05A, G05A, G05A, BW06, PDAR, PDAR, PDAR, K05A, K05A, K05A, J05D, J05D, J05D, DUG, DUG, DUG, WIFE, WIFE, WIFE, LTY, H04A, H04A, H04A, BSUT, BSUT, J04A, J04A, I04A, EGMT, MKRVA, YBH, YBH, YBH, YBH, NVAR, NVAR, NVAR, NVAR, BBB, ANMO, ULM, ULM, ULM, TXAR, TXAR, TXAR, YKA, YKA, KDAK, ILAR, ILAR, HHC, HHC, HHC.

Large table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like JMT, LOHW, BSMT, YTP, YBMT, HAWA, ELK, ELK, ELK, ELK, ELK, YPSB, MSMT, SPUT, SPUT, SPUT, D08A, YNE, YNE, YPK, BGU, WAH, HWUT, HWUT, HWUT, E07A, E07A, E07A, G06A, G06A, C09A, LDM, NEW, NEW, NEW, NEW, PINE, PINE, PINE, MXC, MXC, GCMT, RLMT, RLMT, RLMT, I05D, I05D, I05D, G05A, G05A, G05A, BW06, PDAR, PDAR, PDAR, K05A, K05A, K05A, J05D, J05D, J05D, DUG, DUG, DUG, WIFE, WIFE, WIFE, LTY, H04A, H04A, H04A, BSUT, BSUT, J04A, J04A, I04A, EGMT, MKRVA, YBH, YBH, YBH, YBH, NVAR, NVAR, NVAR, NVAR, BBB, ANMO, ULM, ULM, ULM, TXAR, TXAR, TXAR, YKA, YKA, KDAK, ILAR, ILAR, HHC, HHC, HHC.

CATAC 17 08:16:36.6 0.4, 13.1N:2.8W:1.1, h22km, 2km, M3.4/28, MLV3.4/28, Error ellipse: s-maj=5.1km s-min=2.8km az=30.1, confirmed SHNET 17 08:16:37.4 0.8, 13.01N:89.30W, h45km, ML3.5, Presumed earthquake GCG 17 08:16:39.0 0.9, 13.09N:89.39W, h41km, 1.1km, MD4.1, Presumed earthquake ISC 17 08:16:36.9 1.5, 12.95N:0.06:89.31W:0.04, h24km, 13km, n56, 0.976/80, Off coast of central America

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like LALI, LALI, LALI, LALI, LOMA, LOMA, LOMA, LFRS, JAYA, JAYA, JAYA, JAYA, SEMO, SEMO, PMON, PMON, PMON, UUES, UUES, UDBS, UDBS, TECO, TECO, BOQS, COEG, COEG, COEG, LFU, LBRS, PAVA, PAVA, PAVA, CEVA, CEVA, CEVA, PACA, PACA, PACA, PACA, LCY, RANC, RANC, RANC, FAME, FAME, FAME, PSNO, PSNO, PSNO, SLOZ, SLOZ, INTU, LLGN, LLGN, LLGN, LCND, LCND, LCND, NUAN, NUAN, MTOJ, MTOJ, MTOJ, CNCH, CNCH, CNCH, ESQI, ESQI, ESQI, ESQI, ZAFR2, CSGN, CSGN, CG16, SARH, SARH, SARH, PACN, PACN, PLRN, PLRN, ROCN, MACN, LIMN, LIMN, RCVN.

ASRS 17 08:19:32.0 0.7, 53.63N:87.10E, h0km, M2.4(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022. IDC 17 08:19:35.8-3.0, 53.63N:87.06E, h0km, mbtm2.8/2, ML2.2/2, Error ellipse: s-maj=29.3km s-min=17.6km n105, 0.159/101, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like I46RU, ZALV, ZALV, ZALV, KURBB, MKAR.

SNET 17 08:24:30.0 1.7, 13.49N:91.63W, h4km, ML3.4, Presumed earthquake, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like RTAL, SBL, SNJE, PMON, PICN, SEMO, SJTE.

GCG 17 08:25:03.6 1.5, 13.52N:91.65W, h1km, 12km, MD4.2, ML4.2, Presumed earthquake CATAC 17 08:25:10.5 0.9, 14.1N:7.9W:1.1, h8km, 6km, M3.3/13, MLV3.3/13, Error ellipse: s-maj=17.0km s-min=8.1km az=37.5, confirmed ISC 17 08:25:08.2 2.3, 13.72N:0.09:91.36W:0.07, h14km, 12km, n27, 0.986/32, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like STG5, STG8, RTAL, YPCC, FG16, PCGS, FAME, ARG, NUBE, NUBE, LOAL, LOAL.

Table with columns: Station Name, Az, Alt, Op, Phase, I, S, C, Time, Res, ISC. Includes stations like SLOZ, HUEH, CEVE, etc.

Table with columns: Station Name, Az, Alt, Op, Phase, I, S, C, Time, Res, ISC. Includes stations like LCR2, LCR2, REPA, etc.

Table with columns: Station Name, Az, Alt, Op, Phase, I, S, C, Time, Res, ISC. Includes stations like LIMN, SIUN, SLOR, etc.

IDC 17 08:34:51.6:0.7:5.97N:82.78W,h0km,mb4.0/16, mtdmp4.021,ML3.4/4,MS3.6/28,Error ellipse: s-maj=24.4km s-min=12.9km az=53.0

RVTC VTCV, Calle Va 3.92 344 J/P Pn 08 35 53.1 +0.9

SDV Santo Domingo 12.16 77 Pn 08 37 50.1 +5.6

ISC 17 08:34:53.1:1.7:6.20N:0.04:82.60W:0.04,h6km,10km, n352,e1934/337,mb4.5/51,MS3.6/24,9C-58D, South of Panama

SDV Santo Domingo 12.16 77 Pn 08 37 50.1 +5.6

SDV Santo Domingo 12.16 77 Pn 08 37 50.1 +5.6

Main station list table with columns: Code, Station Name, Az, Alt, Op, Phase, I, S, C, Time, Res, ISC. Lists hundreds of stations across the region.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Rows include PDAR Pinedale Array, PDAR Pinedale Array, PDAR Pinedale Array, PDAR Hardware Ranch, EPLO Experimental L, SNOW Snow King Moun, ELK Elko, ELK Elko, RLMT Red Lodge, ULM Lac du Bonnet, ULM Lac du Bonnet, DIAM Diamantina MG, NVAR Mina Array, NVAR Mina Array, HLD Haley, HLD Haley, BOZ Bozeman (W), PLCA Mackenzie Canyo, PLCA Mackenzie Canyo, WVOR Wild Horse Val, SCHQ Schefferville, SCHQ Schefferville, SCHQ Schefferville, YBH Yreka Blue Hor, NEW Newport, YKA Yellowknife Ar, DLBC Dease Lake, I30M Mount Dempster, I29M Ogilvie Creek, BCAR Beaver Creek A, F30M Barrier River, I27K Kandik River, E29M Glow River, F28M Old Crow, E28M Sabbage River, E27K Coleen River, ILAR Elison Array, D25K Kavik River, MLY Mantele, F1K Altna River, DBIC Dimbokro, ESDC Gonsca Array, ESDC Gonsca Array, ESDC Sonseca Array, ESDC Sonseca Array, TORO Torodi Ar. Bea, TORO Torodi Ar. Bea, TORO Torodi Ar. Bea, SPITS Spitsbergen Ar, NOA NOR SAR Array B, ARCES ARCES Array B, FINES FINES Array B, QSPA South Pole Qui, QSPA South Pole Qui, QSPA South Pole Qui, MLR Muntele Rosu, MLR Muntele Rosu, H1N3 WAKE ISLAND Hy06 97 293, H1N12 WAKE ISLAND Hy106 98 293, H1N11 WAKE ISLAND Hy06 99 293, H1S12 WAKE ISLAND Hy107 43 291, H1S11 WAKE ISLAND Hy07 43 292, H1S13 WAKE ISLAND Hy107 43 291, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, XAN Xi'an, XAN Xi'an, ASAR Alice Springs, WRA Warramunga Arr, PZH PanZhiHua

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Rows include Code Station Name, URFA Urfa, HANM Hanliurfa/Hi, ATAB Bozova, NARI Adyaman-Kaht, NARI Adyaman-Merk, MAYA Malaty/Merkez, SANL SANLIURFA_Merk, SURC SANLIURFA_SURC, MAYA Malaty/Merkez, MAYA Adyaman/Gijl, MDYL Doganyol-Malat, NGT ngs, CNGT Gaziantep, GZT Gaziantep, GZT Sivrice-Elazig, ESZG Nizip/Gaziantep, NZIP Nizip, AKCD Akcadag, AKCD Akcadag, SVRC Sivrice-ELAZID, SVRC Sivrice, ELAZIG Elazig, ESJG Sivrice-Elazig, ESJG Sivrice, MDNT Maden, MDNT Maden, KHMM Nari-Kahraman, KHMM Nari-Kahraman, KHMM Nari-Kahraman, ELZ Elazig, ELZ Elazig, GAZ Gaziantep, GAZ Gaziantep, GAZ Gaziantep, DYBB Diyarbakir, DYBB Diyarbakir, KAHM Kahramanmaras, KAHM Kahramanmaras, KHMR Kahramanmaras, KHMR Kahramanmaras, ELBS KAHRAMANMARAS, ELBS KAHRAMANMARAS, KOVA Elazig, Kovanc, KOVA Elazig, KUZU Kuzuini, KUZU Kuzuini, ARPR Arapgir-MALATY, ARPR Arapgir-MALATY, ARPR Arapgir-MALATY, MCKZ Bingol, MCKZ Bingol, TNCL Turuncel-Merkez, TNCL Turuncel, ILIC ilic-Erzincan, SARI Saridiz-Kayseri, BNGB Bingli, ERZN Erzincan, KOZT Kozan, TAHT Tahlikoprur-Hat, YEDY Yedisu-Bingol, BNN Bunyan, BNN Bunyan, SVSK Saricayir, SVSK Saricayir, VRTB Varto-Mus, VRTB Varto-Mus, KRYS Karatay, KRYS Karatay, KOPD Kop Dagli, KOPD Kop Dagli, CMRD Camardi-Nigde, CMRD Camardi-Nigde, TOKT Tokat, TOKT Tokat, TOKA Tokat, TOKA Tokat, YOZ Yozgat, YOZ Yozgat, KOKZ Kozakli-Neveseh, KOKZ Kozakli-Neveseh, AKDM Akdamar-Van, AKDM Akdamar-Van, GEVA Gevas, GEVA Gevas, BEIL Beino, BEIL Beino, HWQ Hawqa, HWQ Hawqa, BHL Bhanes, BHL Bhanes, BR131 Keskin Array S, BR131 Keskin Array S, BRTR Keskin Array S, BRTR Keskin Array S, BRTR Keskin Array S, BRTR Keskin Array B, DQRL Deir Qamar, DQRL Deir Qamar, RCV Rachaya, RCV Rachaya, NATI Neve Ativ, NATI Neve Ativ, GEM Giv'at Ha'Em, GEM Giv'at Ha'Em, GEM Giv'at Ha'Em, CSS Mathiatis, CSS Mathiatis, KSHT Keshet, KSHT Keshet, ILGA Ilgaz, ILGA Ilgaz, MMAOB Mount Meron ar, MMAOB Mount Meron ar, MMAI Mount Meron Ar, MMAI Mount Meron Ar, MMAI Mount Meron Ar, HNTI Hanita, HNTI Hanita, GNI Ganni, GNI Ganni, GNI Ganni, ASF Jabal al Asfar, ASF Jabal al Asfar, ASF Jabal al Asfar, ASF Jabal al Asfar, ASF Jabal al Asfar, BLGI Bel Behem HaGe, BLGI Bel Behem HaGe, BLGI Bel Behem HaGe, MMLI Mount Maikshus, MMLI Mount Maikshus, MRNQ Al-Oirein, MRNQ Al-Oirein, HMDT Nahal Hemdat, HMDT Nahal Hemdat, HMDT Nahal Hemdat, SLTI Sal'it, SLTI Sal'it, SLTI Sal'it, SALT Sal'it, SALT Sal'it, DSI Dead Sea, DSI Dead Sea, RUSJ Ghor Haditha, RUSJ Ghor Haditha, RUSJ Ghor Haditha, AMAZ Amatzia, AMAZ Amatzia, MSBI Mazada, MSBI Mazada

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Rows include MSBI Mazada, LISJ EI Lisan, YTRF Ytrif, KBZ Khabab, KZIT Kziot, ZFRF Zifri, HSNJ Hsinj, PRNI Paran, PRNI Paran, HRFI Mount Harif, AQBQ Agaba, EIL Eliat, EIL Eliat, KARP Karpathos, KARP Karpathos, AKSI Anoyia, AKSI Anoyia, AKASG Akasg, AKASG Akasg, TIP Timpagrande, TIP Timpagrande, ABKAR Abkular, ABKAR Abkular, NRCA Norcia, NRCA Norcia, FDMO Fiordimonte, FDMO Fiordimonte, MURB Monte Urbano, MURB Monte Urbano, GERES GERES Array B, GERES GERES Array B, GERES GERES Array B, DAVOS Davos/Dischmat, DAVOS Davos/Dischmat, KKAR Karatay Array, KKAR Karatay Array, FINES FINES Array B, FINES FINES Array B, AAK Ala-Archa, AAK Ala-Archa, ARCES ARCES Array B, ARCES ARCES Array B, WMQ Urumqi, WMQ Urumqi, PZH PanZhiHua, PZH PanZhiHua, HHC Hu-ho-hao-te, HHC Hu-ho-hao-te, SUR Sutherland, SUR Sutherland, YKA Yellowknife Ar, YKA Yellowknife Ar, SADO Sadova, SADO Sadova, LUMO Lac du Bonnet, LUMO Lac du Bonnet, TKL Tuckaleechee C, TKL Tuckaleechee C, BBB Bells Bees, BBB Bells Bees, NEW Newport, NEW Newport, IDC 17 08:58:26.15.7.9.06S-156.82E, IDC 17 08:58:26.15.7.9.06S-156.82E, PMG Port Moresby, PMG Port Moresby, CTA Charters Tower, CTA Charters Tower, CTA Charters Tower, DZM Mont Dzumac, DZM Mont Dzumac, JAY Jayapura, JAY Jayapura, WRA Warramunga Arr, WRA Warramunga Arr, GUMO Guam, GUMO Guam, ASAR Alice Springs, ASAR Alice Springs, SJU Sorong, SJU Sorong, STKA Stephens Creek, STKA Stephens Creek, KAPI Kappang, KAPI Kappang, KSRS Korea Array, KSRS Korea Array, YBH Yreka Blue Hor, YBH Yreka Blue Hor, KURBB Kurchatov Arr, KURBB Kurchatov Arr, PFO Pflotsch O, PFO Pflotsch O, IDC 17 09:30:31.9.7.0.1907Sx175.54W, IDC 17 09:30:31.9.7.0.1907Sx175.54W, MSVF Nonnavu, MSVF Nonnavu, CTA Charters Tower, CTA Charters Tower, STKA Stephens Creek, STKA Stephens Creek, WRA Warramunga Arr, WRA Warramunga Arr, ASAR Alice Springs, ASAR Alice Springs, QSPA South Pole Qui, QSPA South Pole Qui, RSNC 17 09:49:33.4d.0.7.7N2x7.2W, RSNC 17 09:49:33.4d.0.7.7N2x7.2W, FUNV 17 09:49:36.3.7.11N71.85W, FUNV 17 09:49:36.3.7.11N71.85W, PAMC Pamplona, PAMC Pamplona, BARC Barichara, BARC Barichara, RUSC La Rusia, RUSC La Rusia, RUSC La Rusia, RUSC La Rusia, OCAC Ocana, OCAC Ocana, SDV Santo Domingo, SDV Santo Domingo

IDC 17 08:47:07.7.1.4.37.84N:39.41E, h0km, mb3.6/3, mbtmp3.6/9, ML3.4/6, MS3.5/11, Error ellipse: s-maj=21.3km s-min=15.1km az=144.0, Gll 17 08:47:08.2.0.0.39.076N:0.003:37.479E:0.001, h0km, Mws4.3, confirmed, ISK 17 08:47:13.5.37.48N:38.67E, h0km, ML4.3/26, AFAD 17 08:47:13.8.37.48N:38.67E, h4km, 2km, MW4.1, MED_RC 17 08:47:14.0.37.51N:38.61E, h10km, MW4.1, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mn=0.29t; 17; Mw=1.30t; 15; Ms=0.00t; 16; Mo=3.6t; 42; Mxy=0.40t; 19; Mxz=0.45t; 42; Fault plane solution: Mo1.61000x10^15 NP1.308.00000, s88.00000, -1.174.00000. NP2.308.00000, s88.00000, -1.22.00000. Principal axes: T 1.7200, P1g12.0000, Azm264.0000; N -0.2200, P1g67.0000, Azm23.0000; P -1.5000, P1g20.0000, Azm170.0000; NEIC 17 08:47:15.8.0.8.37.49N:0.06:38.59E:0.06, h10km, 2km, mb4.2/4, Error ellipse: s-maj=11.4km s-min=4.3km, BZ=142.0, IDC 17 08:47:15.7.0.6.37.56N:0.02:38.66E:0.02, h10km, n128,

RSNC 17 09:49:33.4d.0.7.7N2x7.2W, h23km, 3km, M2.6, ML2.3, ML3.1, FUNV 17 09:49:36.3.7.11N71.85W, h13km, MW3.3, Presumed earthquake, ISC 17 09:49:33.2.2.7.13N:0.04:71.92W:0.06, h17km, 14km, n17, i1962/31, Venezuela, Code Station Name, Az, Az', Phase ID, Time Res, h m s ISC

Table with columns: SDV, PTBC, PUERTO BERRIO, 2.59 257, P, S, Sn, Pn, 09 50 37.4 +1.2, etc.

MEX 17 09:52:34.7-0.6, 15.62N:93.68W, h91km, 13km, MD3.9 Presumed earthquake

ISC 17 09:52:32.1-1.3, 15.53N:0.06:93.78W, 0.03, h86km, 16km, n26, c2848/30, Near coast of Chiapas

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

JMA 17 09:58:50.7-0.6, 29.39N:07.14E, h46km, MV4.0/20, FAR E OFF IZU ISLANDS, Southeast of Honshu

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

STR 17 09:59:00.7-0.6, 46.14N:4.3E, h0km, MLV1.5/7, LOC SAT earthModelID auvergne_taup-2.11 preliminary, France

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

STR 17 09:59:41.1-0.7, 48.14N:4.3E, h0km, MLV1.4/6, LOC SAT earthModelID haslach_taup-2.11 preliminary, France

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

LJU 17 10:04:10.7, 45.24N:13.98E, h0km, ML0.5, Suspected explosion, Northern Italy

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

VIE 17 10:04:21.0-0.2, 46.14N:14.89E, h0km, m0.7/3, Error ellipse: s-maj=1.7km s-min=1.3km az=156.0 13km SSE of Bleiburg Suspected Mining explosion, Northwestern Balkan Peninsula

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

1.5nm,0.2s SESA Seateral Alpe, 0.66 340 i Pg Pg 10 04 33.8 0.0

IDC 17 10:11:19.0:3.8, 7.37S: 123.33E, h195km, 39km, mb3.2/2, mbtmp3.9/6, Error ellipse: s-maj=102.8km s-min=24.6km az=55.0

ISC 17 10:11:19.4:1.4, 7.35S:0.1:123.6E:0.2, h200km, n6, c1943/8, Banda Sea

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

GCG 17 10:19:54.4:1.5, 15.59N:93.34W, h72km, 49km, MD4.0, Presumed earthquake

MEX 17 10:19:54.5:0.5, 15.56N:93.39W, h94km, 15km, MD3.9 Presumed earthquake

ISC 17 10:19:52.0:1.5, 15.52N:0.06:93.44W:0.04, h100km, 15km, n18, c1919/30, Near coast of Chiapas

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

NIED 17 10:34:18.5, 24.90N:123.33E, h14km, MW3.6, Moment Tensor Solution, s2 Moment tensor: Scale 10^14Nm

JMA 17 10:34:18.5:0.3, 25.1N:123.3E:0.5, h14km, MD4.1/11, MV3.1/11, NW OFF ISHIGAKIUMA IS

IDC 17 10:34:52.5:4.1, 20.28N:123.15E, h0km, mb3.4/3, mbtmp3.4/3, Error ellipse: s-maj=290.2km s-min=30.1km az=61.0

ISC 17 10:34:18.2:0.2, 24.9N:0.1:123.34E:0.05, h10km, n9, c0711/13, Southwestern Ryukyu Islands

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

WRA Warramunga Arr 45.84 166 P P 10 42 40.5 -0.3

ASAR Alice Springs 49.36 167 P P 10 43 09.7 +1.7

KRSC 17 10:34:26.3:1.3, 5.543N:164.44E, h42km, 25km, MI4.1, Komandorsky Islands region

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

ISK 17 10:47:59.4, 38.76N:26.47E, h7km, ML2.7/17 AFAD 17 10:47:59.5, 38.75N:26.45E, h10km, 1km, ML2.5

ATH 17 10:47:59.2, 38.76N:26.50E, h12km, 1km, ML2.6/7, Latitude uncertainty: 0 km; Longitude uncertainty: 0 km

THE 17 10:48:00.2, 38.8N:0.9:2.6E, h11km, 2km, M2.5/11, MLh2.5/11

ISC 17 10:47:59.8:0.8, 38.75N:0.02:26.47E:0.02, h12km, 5km, n55, c044/92, Aegean Sea

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

SJA 17 11:02:38.2:1.6, 23.86S:68.93W, h120km, 18km, ML3.5, MW3.2

GUC 17 11:02:40.3:0.8, 23.85S:68.97W, h108km, 4km, ML2.8

ISC 17 11:02:37.9:1.7, 23.85S:0.04:68.95W:0.06, h128km, 17km, n19, c1922/34, D, Northern Chile

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

17d 11h

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Table with columns: PB10, IAML, 11 03 31.4, etc. Lists various astronomical objects and their coordinates.

Table with columns: MEEK, Meekatharra, 23.93 188, etc. Lists astronomical objects with names and coordinates.

Table with columns: CHGR, ZALV, ZALV, etc. Lists astronomical objects with names and coordinates.

IDC 17 11:10:19.0,0.6,2.76S; 122.18E, h0km, mb4.4/16, mtbmp4.4/21, ML4.2/5, MS3.6/28, Error ellipse: s-maj=19.8km, s-min=11.9km, az=73.0

NEIC 17 11:10:22.2,2.1,2.71S; 0.05,122.22E; 0.06, h10km, 1km, mb4.9/42, Error ellipse: s-maj=10.7km, s-min=8.4km, az=117.0

DJA 17 11:10:23.6,0.1,3.3S; 2.12E, h22km, M4.9/37, mb5.3/13, mb5.1/23, MLV5.1/37, Mw(mb)4.8/13

ISC 17 11:10:25.3,0.3,2.81S; 0.04,122.18E; 0.05, h35km, n167, az139/153, mb4.8/49, MS3.6/22, 1D, Sulawesi

Main table listing astronomical objects with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

Main table listing astronomical objects with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

Table listing astronomical objects with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

RSNC 17 11:18:44.0,0.7,N,1.73W; h145km, 1km, M3.0, mb3.5, mb4.7, ML2.6, MLV3.3, Mw(mb)4.0

FUNV 17 11:18:44.5,7.14N,73.19W, h5km, MW3.1, Presumed earthquake

ISC 17 11:18:41.0,1.4,6.87N; 0.03,73.15W; 0.05, h156km, 9km, n27, #f50511, Northern Colombia

Table listing astronomical objects with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

ISU 17 11:19:23.40,50N,72.58E, h4km

KRNET 17 11:19:23.7,0.1,40.51N; 72.68E, h15km, mb2.6

ISC 17 11:19:21.8,1.1,40.42N; 0.05,72.68E; 0.03, h10km, n16, #090/29, 19C-9D, Kyrgyzstan

Table listing astronomical objects with columns: Code, Station Name, Az, Phase ID, Time, Res, etc.

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

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

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

UPA 17:26:58.3±1.2, 7.91N-82.96W, h25km, 3km, MW3.7, 12D, Fault plane solution: NP1-06.680000°, 68.000000°, 7-22.000000°, Presumed earthquake, South of Panama

BGSI 17:32:56.8±1.2, 19.34S-22.89E, h31km, 13km, ML2.7, Presumed earthquake, Botswana

IDC 17:47:17.5±1.6, 2.09N-128.55E, h89km, 16km, mb3.6/15, mbmp4.0/17, Error ellipse: s-maj=22.5km s-min=10.6km az=71.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like LIMO3, LMNES, PTPM, etc.

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

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

JMA 17:29:13.7±0.2, 24.9N-0.8E, 123.3E-0.5, h26km, 4km, MV3.4/13, NW OFF ISHIGAKIJIMA IS

NEIC 17:43:21.1±1.2, 18.05N-0.09E, 146.0E-0.1, h136km, 9km, mb4.3/24, Error ellipse: s-maj=18.7km s-min=12.6km az=76.0

IDC 17:43:22.4±3.3, 18.07N-146.0E, h161km, 32km, mb3.2/10, mbmp3.7/11, Error ellipse: s-maj=31.9km s-min=18.2km az=105.0

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

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

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

JMA 17:45:52.6±1.0, 24.72N-0.0E, 123.36E-0.06, h16km, 12D, NW OFF ISHIGAKIJIMA IS

IDC 17:45:52.6±1.0, 24.72N-0.0E, 123.36E-0.06, h16km, 12D, NW OFF ISHIGAKIJIMA IS

IDC 17:45:52.6±1.0, 24.72N-0.0E, 123.36E-0.06, h16km, 12D, NW OFF ISHIGAKIJIMA IS

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like MA2, ZALV, KURBB, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like C23K, D25K, I28M, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like AB31, AKBUL, etc.

17d 18h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like YOJ, IRIF, JKRS, etc.

TAP 17:08:31.1, 24:52N, 121:88E, h8km, ML1.7, C, Taiwan

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like TWC, EWUT, ENA, etc.

ISC 17:18:09.36-0.8, 9:24S, 114:23E, h0km, mb4.1/14, mbmp4.1/15, ML3.7/1, MS3.2/2, Error ellipse: s-maj=40.2km s-min=13.9km az=57.0

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

ISC 17:18:09.44-1.1, 9:40S, 0:07, 114:12E, h0.08, h63km, 6km, mb4.2/8, Error ellipse: s-maj=13.0km s-min=9.6km az=55.0

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

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Main table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like WRA, WRAB, WRB, etc.

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Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like HHRG, TR1, RSHS, etc.

ISC 17:18:21:46-2.0, 7.56:34S, 58:62W, h0km, mb4.1/10, mbmp4.2/13, ML4.4/3, MS3.5/15, Error ellipse: s-maj=27.2km s-min=15.2km az=72.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like EFI, MG01, MG01, etc.

ISC 17:18:21:47.0-5.5, 56:38S, 0:06, 58:98W, 0:06, h10km, n68, c1967/56, mb4.4/17, MS3.6/12, 3C, Scotia Sea az=254.0

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Residual, and other parameters. Includes stations like EFI, MG01, MG01, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MJAR Matsushiro Arr, KSRS Korea Array, SONM Songino Array, WRA Warramunga Arr, KURBB Kurchatov Arr, FINES FINES Array B.

IDC 17 19:44:27.5:6.5, 20'61Sx178'05W, h512km, 33km, mb3.2/7, mbtmp3.0/8, Error ellipse: s-maj=115.2km s-min=24.4km az=123.0

ISC 17 19:44:25.1:3.1, 20'8S:0.3:177'8W:0.4, h500km, n8, 0.669g, mb3.7/7, Fijil Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like MSVF Nonsavu, STKA Finesses Creek, ASAR Alice Springs, WRA Warramunga Arr, PETK Petropavlovsk, USRK Ussuriysk Arr, CMAR Chiang Mai Arr.

IDC 17 20:05:35.9:2.2, 34'61N:83'52E, h0km, mb3.1/4, mbtmp3.3/7, ML2.9/3, MS2.8/6, Error ellipse: s-maj=65.1km s-min=21.6km az=66.0, Xizang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like AAK Ala-Archa, MKAR Makanchi Array, KURBB Kurchatov Arr, ZALV Zalesovo Beam, BVAR Borovoye Array, CMAR Chiang Mai Arr, KSRS Korea Array, KLR Kul'dur, NOA NORSA Array B, WRA Warramunga Arr.

NNC 17 20:26:13.3:6.1, 41'38N:83'48E, h0km, mb3.1, mpv2.8, Error ellipse: s-maj=51.8km s-min=36.2km az=145.0

SOME 17 20:26:16.2, 41'00N:83'05E, h5km, 4C-2D, Southern Xinjiang

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like SHLS Shalkode, PDGK Podgomoye, UZB Uzynbulak, SATY Saty, KPKS Kokpek, MK31 Makanchi Array, MAZK Makanchi, MAZK Makanchi.

VIE 17 20:49:17.7:0.3, 50'16N:19'11E, h0km, mb2.1/3, ml2.4/3, Error ellipse: s-maj=3.5km s-min=2.0km az=161.0 12 km S of Sosnowice Suspected Mining induced.

IPEC 17 20:49:17.9:0.1, 50'15N:19'13E, h1km, ML2.7/6, Error ellipse: s-maj=1.8km s-min=0.9km az=177.0

PRU 17 20:49:18.7, 50'24N:19'13E, h0km

ISC 17 20:49:18.6:0.8, 50'12N:0.04:19'10E:0.02, h0km, n29, 0.693/59, Poland

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like OJC Ojcow, RAC Raciborz, OKC Ostrava-Krasne, STEB Steborice, LANS Liptovska Anna, MORC Moravsky Berou, MORC Moravsky Berou.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANAC Anensky vrch, MAUC Maruska, LOSC Losov, KRLL Kralicky, STHS Stnebicka Huta, JAVC Velka Javorina, VYHS Vyhne, DPC Dobruska-Polom, VRAC Vranov, OSTO Ostas, KSP Ksiadz, CHVC Chvalec, KRUC Moravsky, MODS Modra-Piesok, SRO Srobarova, PCC Panska Ves, PVCC Panska Ves, RONA Rosalia, Austra, RONA RONA, CONA Conrad Observa, ZVC Zvikov, KHC Kasperske Hory, MOA Molin, CLL Colim.

SVSA 17 20:49:22.5:1.1, 38'65N:29'01W, h5km, 4km, ML2.3/(NMG), 1D, Error ellipse: s-maj=7.2km s-min=5.8km az=37.0, #DIST RANGE: LOCAL #PMA REGION: W Faial, Azores Islands

Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PCED Cedros, PFCBR Castelo Branco, PRIB2 Ribeirinha, HORTA Horta, PCAN Candelaria, PICO Pico, ROSA Rosais, PPNO Prainha do Nor, PMAN Manadas.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ANAC Anensky vrch, MAUC Maruska, LOSC Losov, KRLL Kralicky, STHS Stnebicka Huta, JAVC Velka Javorina, VYHS Vyhne, DPC Dobruska-Polom, VRAC Vranov, OSTO Ostas, KSP Ksiadz, CHVC Chvalec, KRUC Moravsky, MODS Modra-Piesok, SRO Srobarova, PCC Panska Ves, PVCC Panska Ves, RONA Rosalia, Austra, RONA RONA, CONA Conrad Observa, ZVC Zvikov, KHC Kasperske Hory, MOA Molin, CLL Colim.

SVSA 17 20:50:09.2:0.9, 38'66N:29'05W, h6km, 3km, ML1.9/(NMG), Error ellipse: s-maj=7.5km s-min=5.4km az=43.0, #DIST RANGE: LOCAL #PMA REGION: W Faial, Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PCED Cedros, PFCBR Castelo Branco, PRIB2 Ribeirinha, HORTA Horta, PCAN Candelaria, PICO Pico, ROSA Rosais, PPNO Prainha do Nor, PMAN Manadas.

SVSA 17 20:50:09.2:0.9, 38'66N:29'05W, h6km, 3km, ML1.9/(NMG), Error ellipse: s-maj=7.5km s-min=5.4km az=43.0, #DIST RANGE: LOCAL #PMA REGION: W Faial, Azores Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like PCED Cedros, PFCBR Castelo Branco, PRIB2 Ribeirinha, HORTA Horta, PCAN Candelaria, PICO Pico, ROSA Rosais.

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

KRSC 17 20:57:44.8:0.7, 54'34N:164'60E, h42km, 20km, M13.5, Komandorsky Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BKI Bering, MKZ Mys Kozlova, KBTR Krutoberegovo, TUMD Tumrok D, SMKR Semkarok, TUMR Tumrok, TUMH Mys Shipunski, SPN Mys Shipunski, NLC Nalytchevo, SCLR Sedlovina, SMAR Somma, UGLR Uglovaya, AVH Avacha, KRX Arik, KOK Koryaka, GNL Ganaly, KRMR Karymshinskiy, RUS Russkaya, MTRV Matvika, GRL Gurelyk, ASAK Asacha.

IDC 17 21:02:15.4:2.2, 33'19S:177'84W, h0km, mb3.7/3, mbtmp3.3/7, Error ellipse: s-maj=61.6km s-min=36.3km az=56.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, Vnda Vanda, FINES FINES Array B.

IDC 17 21:08:08.8:1.0, 41'89N:125'86W, h0km, mb3.9/15, mbtmp3.9/24, ML3.7/9, MS3.6/57, Error ellipse: s-maj=20.5km s-min=9.3km az=38.0

NEIC 17 21:08:09.8:1.4, 41'79N:0.02:126'02W:0.09, h22km, 4km, mb4.5/65, ML3.8/96, Mwr4.5/196, Error ellipse: s-maj=9.8km s-min=2.5km az=78.0

NEIC 17 21:08:09.3, 41'80N:126'03W, h19km, Moment Tensor Solution, Moment tensor: Scale 10^19Nm, Mr1.3/4, Mw0.6/39, Mw0.5/05, Mw0.19, Mw0.4/1; Mr2.7/3; Fault plane solution: M6.46000x10^15 NP1.9x129.41000, 0.7123000, 1.15898000, NP2.0x226.46000, 0.7015000, 1.2000000, Principal axes: T 6.5101, Plg28.0000, Azm88.0000; N -0.1085, Plg62.0000; Azm269.0000; P -6.4016, Plg1.0000; Azm178.0000

GCMT 17 21:08:10.8:0.9, 41'86N:0.02:126'29W:0.03, h24km, 2km, MW4.8/92, Moment Tensor Solution, s13.c13; s92.c114; Duration: 0 Moment tensor: Scale 10^19Nm; Mr-0.27/14; Mw0.156/09; Mw0.183/11; Mw0.05/14; Mw0.00/07; Mw0.17/11; Best double couple: Mw1.70300x10^16 NP1.9x45.00000, 0.85.00000, 1.2.00000; NP2: 0.315.00000, 0.88.00000, 1.175.00000; Principal axes: T 1.8430, Plg5.0000; Azm270.0000; N -0.2840, Plg85.0000; Azm117.0000; P -1.5620, Plg2.00000; Azm0.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 17 21:08:08.1:0.6, 41'75N:0.06:126'04W:0.07, h11km, n25.1, s128/206, mb4.4/46, MS3.7/51, Off coast of northern California

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KBO Bosley Butte, KBO KBO, SGP Signal Peak, C, KSXB Camp Six Broad, KSXB KSXB, KRPM Rodgers, KRPM KRPM, JCC Jacoby Creek, KCTM Capetown, L02F Cave Junction, PETL Petrolia, KHMM Horse Mountain, KHMM KHMM, KMPM Mount Pierce, KMPM KMPM, K02D Willamette Mer, KOMM Orleans Mounta, BJES Bald Jesse, CA, DMOR Dinsmores, CA, J01E Jorita Point, J01E Jorita Point, J01E Jorita Point, J01E Jorita Point, KSMN Slide Mountain, KCRM Chalk Rock, BRIC Briceland Vine, KMRM Mal Ridge, KMRM KMRM, KHBM Hayfork Bally, KHBM KHBM, M02C Callahan, YBH Yreka Blue Hor, YBH Yreka Blue Hor, YBH Yreka Blue Hor, YBH Yreka Blue Hor, B02D Trinity Center, NB0R Butler Butte, BBOR BBOR, BBOR BBOR, I03D Drain, OR, I03D I03D, I03D I03D, KCPM Cahto Peak, KCPM KCPM, KCPM KCPM, L04D Klamath Falls, L04D L04D, I02E Swisshome, OR, O02D Mt Diablo Mer, M03C McCloud, M03C M03C.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like J04A, K04D, BUCK, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like LENM, DLBC, 121A, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other details. Includes stations like H11N3, H11N2, H11N1, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, and Res. Includes stations like SKR, SKR, KDR, etc.

17d 22h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KOK, KRX, MKZ, KBTR.

IDC 17 21:16:18.8 & 7.4, 21°67'N, 143°12'E, h326km, 72km, mb3/2/2, mbtmp9.9/12, Error ellipse: s-maj=48.1km, s-min=15.4km az=77.0

ISC 17 21:16:17.2-1.2, 21°21'7"N, 143°3'E, 0.331km, n12, c0f64/12, mb3.5/11, Mariana Islands region

Main table for station data under IDC and ISC headings. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res.

IDC 17 21:21:08.0-6.8, 30°86'S x 178°26'W, h0km, mb4.1/2, mbtmp4.1/2, Error ellipse: s-maj=281.1km, s-min=56.0km az=156.0, Kermadec Islands

Table for station data under IDC heading for Kermadec Islands. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res.

SJA 17 21:40:34.1 ± 1.6, 38°28'S x 74°92'W, h116km, 36km, ML3.5, MW3.6

GUC 17 21:40:40.7-0.7, 38°33'S x 74°24'W, h14km, 2km, ML3.2

ISC 17 21:40:37.0-2.5, 38°29'S x 0°3.74'32"W, 0.10, h7km, 15km, n16, c1f49/25, 1C, Off coast of central Chile

Main table for station data under SJA, GUC, and ISC headings. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res.

TAP 17 21:50:40.3, 24°49'N, 121°90'E, h15km, ML2.0, B, Taiwan

Main table for station data under TAP heading. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res.

2020 JUN

Table with columns: E0S4, E0S4, Azimuth, Phase ID, Time, Res. Includes stations like E0S4, SX11, LX1B, etc.

JMA 17 21:51:25.7-0.2, 25°11'N, 123°4E, 0.4, h18km, MV3.1/11, NW OFF ISHIGAKIUMA IS, Southwestern Ryukyu Islands

Table for station data under JMA heading. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res.

IDC 17 22:15:06.7-0.5, 54°01'N, 160°73'E, h0km, mb4.5/34, mbtmp4.5/37, ML5.2/3, MS3.8/69, Error ellipse: s-maj=12.7km, s-min=10.5km az=162.0

BJI 17 22:15:09.8, 54°21'N, 160°83'E, h38km, mb4.7/9, mb4.7/38, MS4.3/19, MS7.4/19

KRSC 17 22:15:10.2-0.9, 53°78'N, 161°27'E, h40km, 17km, MC4.6, M5.1, Felt (IV) at kordon Aerodrom.

NEIC 17 22:15:12.3-1.1, 53°94'N, 160°07'E, 10.4, h43km, 5km, mb4.8/140, Error ellipse: s-maj=10.8km, s-min=8.2km az=160.0

MOS 17 22:15:12.4-1.1, 53°88'N, 160°99'E, h63km, mb5.0/57, MS4.0/8, Error ellipse: s-maj=5.4km, s-min=3.2km az=86.7

GCMT 17 22:15:16.3-0.4, 53°74'N, 160°161'E, 0.04, h56km, 2km, MW4.8/60, Moment Tensor Solution, s20, c31, s60, c32; Duration: 0, Moment Tensor: Scale: 10^19Nm, M1: 7.02e-15; M2: 0.85e-12; M3: 0.99e-10; M4: 0.57e-08; M5: 1.08e-06; M6: 0.75e-07; Best double couple: M2: 0.8600e-10; NP2: NP1: 228.00000°, 632.00000°, A96.00000°. Principal axes: T 1.9890, Plg76.0000°, Azm300.0000°; N 0.1940, Plg3.0000°, Azm43.0000°; P -2.1830, Plg13.0000°, Azm134.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

BGR 17 22:15:20.2, 55°02'N, 160°53'E, h33km, mb4.9, Ms3.9

ISC 17 22:15:11.8-0.4, 53°83'N, 160°103'E, 0.03, h43km, 3km, SMAR Sumatra, n14, c1f49/25, 1C, mb4.1/15, MS4.0/15, MW3.6/15, 41C-27D, Off east coast of Kamchatka Peninsula

Main table for station data under BGR and ISC headings. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res.

1050

Main table for station data under 1050 heading. Columns include Code, Station Name, Azimuth, Phase ID, Time, Res.

Table with columns for station ID, name, elevation, coordinates, and various data points. Includes stations like Kuka Creek, North Star Dit, Wolf Creek Mou, etc.

Table with columns for station ID, name, elevation, coordinates, and various data points. Includes stations like ILAR, ELIAR, KARS, etc.

Table with columns for station ID, name, elevation, coordinates, and various data points. Includes stations like LYN, BBB, ALE, GUM, etc.

Table with columns: ARCES, SATY, SUMG, etc. containing station names, frequencies, and coordinates.

Table with columns: OBNS, OBNS, OBNS, etc. containing station names, frequencies, and coordinates.

Table with columns: COEN, KVAR, KIV, etc. containing station names, frequencies, and coordinates.

CMBO	Columbo, Santo	2.83 12	P	Pn	23 50 45.7 +1.7	LIA	Limnos Island	6.20 4	P	Pn	23 51 31.2 +0.8	BNN	Bunyan	10.39 57	P	Pn	23 52 29.8 +1.8
MHLO	Agia Marina, M	2.99 356	P	Sn	23 50 47.7 +1.5	THL	Klokotos Trika	6.22 341	P	Pn	23 51 31.4 +0.7	ASF	Abal at Asfar	10.40 95	P	Pn	23 52 28.2 +0.1
MHLO	Agia Marina, M	2.99 356	P	Sn	23 51 19.6 -1.4	THL	Klokotos Trika	6.22 341	P	Pn	23 51 30.7 0.0	ASF	9.1nm,0.5s,baz=275,slow=8.4,SNR=30				
MHLO	Agia Marina, M	2.99 356	P	Pn	23 50 47.0 +0.8	TETR	Tetrakomo, Epi	6.23 335	P	Pn	23 51 32.6 +1.4	PLE	Pljevlja	10.46 338	ePn	Sn	23 54 17.7 -5.9
MHLO	Milos	3.04 357	P	Pn	23 50 47.5 +0.5	TETR	Tetrakomo, Epi	6.23 335	P	Pn	23 51 32.1 +0.9	PLE	Pljevlja	10.46 338	ePn	Sn	23 52 27.1 -1.8
MNVA	Mionevrasia	3.25 326	P	Pn	23 51 11.4 +1.5	PLIG	Paliouri	6.25 319	P	Pn	23 51 31.9 +1.5	PLE	Pljevlja	10.46 338	ePn	Sn	23 54 13.7 -1.1
VLI	Vellai	3.32 335	P	Pn	23 50 52.0 +1.1	ISP	Isparta	6.29 48	P	Pn	23 51 33.9 +2.1	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 27.4 -2.1
VLI	Vellai	3.32 335	P	Pn	23 51 27.1 -2.1	ISP	Isparta	6.29 48	P	Pn	23 51 34.9 +3.1	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 27.7 -1.9
VLI	Vellai	3.32 335	P	Pn	23 50 51.6 +0.8	ISP	Isparta	6.29 48	P	Pn	23 51 34.8 +3.1	UPM	Unac-Piva	10.50 336	ePn	Pn	23 54 14.5 -1.2
KLNA	Kalymnos	3.76 330	P	Pn	23 50 58.7 +1.9	ISP	Isparta	6.29 48	P	Pn	23 52 40.6 -2.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 28.8 -1.7
YDRA	Hydra	3.77 345	P	Pn	23 50 57.5 +0.6	TYRM	Tyrnavos	6.30 343	P	Pn	23 51 32.9 +1.1	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 29.9 -2.1
ARG	Arkhangelos	3.79 48	P	Pn	23 51 41.9 -3.6	BAIG	Baikouri	6.46 323	Pn	Pn	23 51 41.9 +0.7	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 34.0 +0.3
ARG	Arkhangelos	3.79 48	P	Pn	23 51 01.5 +4.2	PRMD	Pramadra	6.46 335	P	Pn	23 51 36.1 +1.7	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 34.0 +0.3
ARG	Arkhangelos	3.79 48	P	Pn	23 51 01.0 +3.6	LIT	Litokhoron	6.62 345	P	Pn	23 51 36.3 +0.1	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 33.6 -0.6
ARG	Arkhangelos	3.79 48	P	Pn	23 51 42.5 +1.6	LIT	Litokhoron	6.62 345	P	Pn	23 51 36.7 +0.5	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 32.6 -2.8
ARG	Arkhangelos	3.79 48	P	Pn	23 51 02.2 +2.9	LIT	Litokhoron	6.62 345	P	Pn	23 51 36.3 +0.1	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 34.4 +0.5
ARG	Arkhangelos	3.79 48	P	Pn	23 51 01.3 +3.1	LIT	Litokhoron	6.62 345	P	Pn	23 51 37.9 +0.9	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 39.8 -3.7
DAT	Datca	3.85 38	P	Pn	23 51 01.2 +3.0	OUR	Ouranopolis	6.64 334	P	Pn	23 51 38.1 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 45.2 -0.9
DAT	Datca	3.85 38	P	Pn	23 51 01.2 +3.0	PLG	Polygyros	6.73 352	P	Pn	23 51 38.9 +1.2	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 45.2 -0.9
DAT	Datca	3.85 38	P	Pn	23 51 43.0 +0.6	KPRO	Kipourio	6.77 338	P	Pn	23 51 39.5 +1.1	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 46.4 +0.3
MTHA	Methoni	3.94 323	P	Pn	23 51 00.9 +1.6	IGT	Igoumenitza	6.78 330	P	Pn	23 51 38.3 0.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 46.4 +0.3
PYL	PYLLOS	3.98 324	P	Pn	23 51 00.1 +3.6	LFKM	Lefkumitza	6.82 328	P	Pn	23 51 39.7 +0.9	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 46.4 +0.3
PYL	PYLLOS	3.98 324	P	Pn	23 51 41.9 -3.6	KZN	Kozani	6.82 328	P	Pn	23 51 41.9 +0.7	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 46.4 +0.3
PYL	PYLLOS	3.98 324	P	Pn	23 50 59.7 -0.2	KEK	Kerkira	7.15 328	P	Pn	23 51 41.8 -1.7	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.1 +0.5
BODT	Bodrum	3.99 32	P	Pn	23 51 02.9 +2.8	SRN	Serrae	7.21 320	P	Pn	23 51 44.2 0.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 46.7 -0.7
MET6	Megalochori,Me	4.02 345	P	Pn	23 51 00.5 +0.0	ALN	Alexandroupoli	7.26 8	Pn	Pn	23 51 45.3 +0.3	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
YKAV	Yalikavak-Bodr	4.03 31	P	Pn	23 51 03.6 +3.0	ALN	Alexandroupoli	7.26 8	Pn	Pn	23 51 45.3 +0.3	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
MET4	Agioi Theodoros	4.04 346	P	Pn	23 51 01.1 +0.4	ALN	Alexandroupoli	7.26 8	Pn	Pn	23 51 46.1 +0.8	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
MET4	Agioi Theodoros	4.04 346	P	Pn	23 51 01.1 +0.4	CSS	Mathiatis	7.28 78	P	Pn	23 51 46.1 +0.8	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
MET4	Makryfloggos,Me	4.05 345	P	Pn	23 51 03.3 +2.0	CSS	Mathiatis	7.28 78	P	Pn	23 51 47.4 +2.1	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
VALY	Valyra	4.08 328	P	Pn	23 51 46.0 -2.0	CSS	Mathiatis	7.28 78	P	Pn	23 51 47.4 +2.1	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
VALY	Valyra	4.08 328	P	Pn	23 51 03.3 +2.0	CSS	Mathiatis	7.28 78	P	Pn	23 51 47.4 +2.1	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
VLX	Vlachokerasia	4.10 334	P	Pn	23 51 03.3 +1.6	SRS	Serrae	7.45 354	P	Pn	23 51 48.6 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
VLX	Vlachokerasia	4.10 334	P	Pn	23 51 46.3 -2.4	SRS	Serrae	7.45 354	P	Pn	23 51 48.6 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITHI	Ithomi	4.12 328	P	Pn	23 51 00.6 -1.3	RDO	Rodhopi	7.46 5	P	Pn	23 51 48.6 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITHI	Ithomi	4.12 328	P	Pn	23 51 03.8 +1.9	RDO	Rodhopi	7.46 5	P	Pn	23 51 48.6 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITHI	Ithomi	4.12 328	P	Pn	23 51 03.5 +1.7	KBN	Korca	7.56 337	P	Pn	23 51 50.0 +0.8	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITHI	Ithomi	4.12 328	P	Pn	23 51 47.2 -1.9	KNT	Kendrikon	7.58 350	P	Pn	23 51 49.4 +0.2	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITHI	Ithomi	4.12 328	P	Pn	23 51 02.9 +2.8	NVR	Nevrokopi	7.66 356	P	Pn	23 51 51.4 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITM	Ithomi	4.12 328	P	Pn	23 51 03.6 +1.7	NVR	Nevrokopi	7.66 356	P	Pn	23 51 51.4 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITM	Ithomi	4.12 328	P	Pn	23 51 03.9 +2.0	NVR	Nevrokopi	7.66 356	P	Pn	23 51 51.4 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITM	Ithomi	4.12 328	P	Pn	23 51 02.9 +2.8	NVR	Nevrokopi	7.66 356	P	Pn	23 51 51.4 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITM	Ithomi	4.12 328	P	Pn	23 51 03.6 +1.7	NVR	Nevrokopi	7.66 356	P	Pn	23 51 51.4 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITM	Ithomi	4.12 328	P	Pn	23 51 03.9 +2.0	NVR	Nevrokopi	7.66 356	P	Pn	23 51 51.4 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITM	Ithomi	4.12 328	P	Pn	23 51 02.9 +2.8	NVR	Nevrokopi	7.66 356	P	Pn	23 51 51.4 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITM	Ithomi	4.12 328	P	Pn	23 51 03.6 +1.7	NVR	Nevrokopi	7.66 356	P	Pn	23 51 51.4 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITM	Ithomi	4.12 328	P	Pn	23 51 03.9 +2.0	NVR	Nevrokopi	7.66 356	P	Pn	23 51 51.4 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITM	Ithomi	4.12 328	P	Pn	23 51 02.9 +2.8	NVR	Nevrokopi	7.66 356	P	Pn	23 51 51.4 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITM	Ithomi	4.12 328	P	Pn	23 51 03.6 +1.7	NVR	Nevrokopi	7.66 356	P	Pn	23 51 51.4 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITM	Ithomi	4.12 328	P	Pn	23 51 03.9 +2.0	NVR	Nevrokopi	7.66 356	P	Pn	23 51 51.4 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITM	Ithomi	4.12 328	P	Pn	23 51 02.9 +2.8	NVR	Nevrokopi	7.66 356	P	Pn	23 51 51.4 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITM	Ithomi	4.12 328	P	Pn	23 51 03.6 +1.7	NVR	Nevrokopi	7.66 356	P	Pn	23 51 51.4 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITM	Ithomi	4.12 328	P	Pn	23 51 03.9 +2.0	NVR	Nevrokopi	7.66 356	P	Pn	23 51 51.4 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITM	Ithomi	4.12 328	P	Pn	23 51 02.9 +2.8	NVR	Nevrokopi	7.66 356	P	Pn	23 51 51.4 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITM	Ithomi	4.12 328	P	Pn	23 51 03.6 +1.7	NVR	Nevrokopi	7.66 356	P	Pn	23 51 51.4 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITM	Ithomi	4.12 328	P	Pn	23 51 03.9 +2.0	NVR	Nevrokopi	7.66 356	P	Pn	23 51 51.4 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITM	Ithomi	4.12 328	P	Pn	23 51 02.9 +2.8	NVR	Nevrokopi	7.66 356	P	Pn	23 51 51.4 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITM	Ithomi	4.12 328	P	Pn	23 51 03.6 +1.7	NVR	Nevrokopi	7.66 356	P	Pn	23 51 51.4 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITM	Ithomi	4.12 328	P	Pn	23 51 03.9 +2.0	NVR	Nevrokopi	7.66 356	P	Pn	23 51 51.4 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITM	Ithomi	4.12 328	P	Pn	23 51 02.9 +2.8	NVR	Nevrokopi	7.66 356	P	Pn	23 51 51.4 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITM	Ithomi	4.12 328	P	Pn	23 51 03.6 +1.7	NVR	Nevrokopi	7.66 356	P	Pn	23 51 51.4 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITM	Ithomi	4.12 328	P	Pn	23 51 03.9 +2.0	NVR	Nevrokopi	7.66 356	P	Pn	23 51 51.4 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITM	Ithomi	4.12 328	P	Pn	23 51 02.9 +2.8	NVR	Nevrokopi	7.66 356	P	Pn	23 51 51.4 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITM	Ithomi	4.12 328	P	Pn	23 51 03.6 +1.7	NVR	Nevrokopi	7.66 356	P	Pn	23 51 51.4 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITM	Ithomi	4.12 328	P	Pn	23 51 03.9 +2.0	NVR	Nevrokopi	7.66 356	P	Pn	23 51 51.4 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITM	Ithomi	4.12 328	P	Pn	23 51 02.9 +2.8	NVR	Nevrokopi	7.66 356	P	Pn	23 51 51.4 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITM	Ithomi	4.12 328	P	Pn	23 51 03.6 +1.7	NVR	Nevrokopi	7.66 356	P	Pn	23 51 51.4 +1.0	UPM	Unac-Piva	10.50 336	ePn	Pn	23 52 47.6 +0.2
ITM	Ithomi	4.12 328	P	Pn	23 51 03.9 +2.0	NVR	Nevrokopi	7.66 3									

TDK	Taldygorghan	42.36	58	eP	P	23 57 54.8	+2.5
KURBB	Kurchatov Arra	42.37	50	P	P	23 57 53.2	+1.0
KURBB	comp=Z,1.1nm,0.6s,baz=278,slow=8,PcP				PcP	23 59 45.4	+0.2
KURK	Kurchatov	42.43	50	P	P	23 57 52.9	+0.2
KURK	comp=Z,9.5nm,0.7s				Iamb	23 57 54.3	
KURK	Kurchatov	42.43	50	eP	P	23 57 53.7	+1.0
KURK	comp=Z,10.0nm,0.7s				pmax		
SATY	Saty	42.52	61	eP	P	23 57 56.3	+2.6
SATY	Saty	42.52	61	eP	P	23 57 56.3	+2.6
KPKS	Kokpek	42.68	60	eP	P	23 57 57.5	+2.5
KPKS	Kokpek	42.68	60	eP	P	23 57 57.5	+2.5
HOPEN	Hopen	42.90	0	eP	P	23 57 55.5	-0.7
UZB	Uzymbulak	42.96	61	eP	P	23 57 59.8	+2.5
UZB	Uzymbulak	42.96	61	eP	P	23 57 59.8	+2.5
SEM	Semipalatinsk	43.46	50	eP	P	23 58 03.2	+1.9
SEM	Semipalatinsk	43.46	50	eP	P	23 58 03.2	+1.9
SEM	comp=Z,9.0nm,0.9s				pmax		
SPB2	Spitsbergen Ar	44.72	358	eP	P	23 58 10.8	0.0
SPB2	Spitsbergen Ar	44.72	358	eP	P	23 58 10.8	0.0
MAKZ	Makanchi	44.72	55	P	Iamb	23 58 11.9	+0.7
MAKZ	comp=Z,3.7nm,0.5s				Iamb		
MAKZ	Makanchi	44.72	55	P	P	23 58 11.9	+0.7
MAKZ	comp=Z,3.7nm,0.5s				pmax		
SPA0	Spitsbergen Ar	44.72	358	eP	P	23 58 10.9	+0.1
SPITS	Spitsbergen Ar	44.72	358	eP	P	23 58 10.7	-0.1
SPITS	comp=Z,1.2nm,0.5s,baz=149,slow=11,SNR=66				P		
SPITS	Spitsbergen Ar	44.72	358	P	P	23 58 10.9	+0.1
SPITS	comp=Z,2.24nm,0.7s				pmax		
MK31	Makanchi Array	44.93	55	eP	P	23 58 14.2	+1.2
MKAR	Makanchi Array	44.93	55	P	P	23 58 13.9	+1.0
MKAR	comp=Z,5.4nm,0.5s,baz=271,slow=7.3,SNR=76				PcP	23 59 54.2	+0.2
MKAR	comp=Z,1.3nm,0.6s,baz=284,slow=4.1,SNR=37				PcP		
MKAR	comp=Z,1.8nm,1.9s,baz=189,slow=42				LR	00 21 28.4	
MKAR	comp=Z,5.4nm,0.5s				LR		
MKAR	Makanchi Array	44.93	55	P	P	23 58 13.5	+0.5
MKAR	comp=Z,5.4nm,0.5s				PcP	23 59 53.9	-0.1
MKAR	comp=Z,5.4nm,0.5s				P	23 58 18.2	+0.1
KBS	Kingsbay	45.64	357	eP	P	23 58 18.5	+0.4
KBS	Kingsbay	45.64	357	eP	P	23 58 18.5	+0.4
KBS	Kingsbay	45.64	357	eP	P	23 58 19.1	+1.0
KBS	comp=Z,3.3nm,1.7s				pmax		
ZAA0	Zalesovo Array	46.32	45	P	P	23 58 23.8	0.0
ZALV	Zalesovo Beam	46.32	45	P	P	23 58 23.9	+0.1
ZALV	comp=Z,1.2nm,0.4s,baz=269,slow=8.6,SNR=80				P		
ZALV	Zalesovo Beam	46.32	45	P	P	23 58 23.7	0.0
ZSN	Zaisan	46.63	54	eP	P	23 58 28.5	+2.2
ZSN	Zaisan	46.63	54	eP	P	23 58 28.6	+2.2
NR1K	Noril'sk	49.37	25	P	P	23 58 47.2	+0.1
NR1K	comp=Z,7.1nm,0.6s,baz=193,slow=2.4,SNR=7.0				P		
NR1K	Noril'sk	49.37	25	P	P	23 58 47.1	-0.1
NR1K	Noril'sk	49.37	25	P	P	23 58 47.0	-0.2
NR1K	Noril'sk	49.37	25	P	P	23 58 47.1	-0.1
NR1K	comp=Z,1.3nm,1.4s				pmax		
EVN	Everest	52.99	78	P	Iamb	23 59 15.8	+0.2
EVN	comp=Z,1.3nm,1.5s				Iamb	23 59 50.0	
TSUM	Tsumeb	53.04	188	LR	LR	00 23 37.0	
TSUM	comp=Z,4.4nm,1.8s,baz=340,slow=38				LR		
SFJD	Kungurtug	53.76	332	LR	LR	00 23 06.6	
SFJD	comp=Z,2.2nm,20.1s,baz=76,slow=37				LR		
KNGR	Kungurtug	54.39	48	P	P	23 59 26.0	+1.0
KNGR	comp=Z,8.0nm,1.8s				pmax		
LPHEP	Lephepe	56.76	179	P	Iamb	23 59 42.6	+0.5
LPHEP	comp=Z,8.5nm,1.1s				Iamb	23 59 57.1	
ZAK	Zakamensk	58.02	48	eP	P	00 00 08.9	+1.8
ZAK	comp=Z,5.0nm,1.0s				pmax		
SONM	Songino Array	60.73	50	P	P	00 00 10.3	+0.6
SONM	comp=Z,4.1nm,0.8s,baz=284,slow=8.5,SNR=2.7				PcP	00 00 54.7	+1.2
SONM	comp=Z,4.1nm,0.8s				P	00 00 09.5	-0.2
SONM	comp=Z,3.5nm,0.9s				Iamb	00 00 11.5	
SONM	Ulaanbaatar	61.14	50	P	PcP	00 00 54.4	+0.9
ULN	Ulaanbaatar	61.14	50	P	Iamb	00 00 13.3	+0.5
ULN	comp=Z,7.0nm,1.1s				Iamb	00 00 14.3	
ULN	Ulaanbaatar	61.14	50	eP	P	00 00 13.6	+1.1
ULN	comp=Z,4.0nm,0.8s				pmax		
BOSA	Boshof	61.98	179	P	P	00 00 18.5	+0.3
BOSA	Boshof	61.98	179	P	P	00 00 18.5	+0.3
BOSA	comp=Z,1.6nm,1.5s				PcP	00 00 22.5	
TIXI	Tiksi	62.67	20	P	P	00 00 21.8	-0.4
TIXI	comp=Z,3.2nm,0.8s				Iamb	00 00 22.5	
TIXI	Tiksi	62.67	20	eP	P	00 00 22.2	0.0
TIXI	comp=Z,5.0nm,1.7s				pmax		
SCHO	Schefferville	64.03	320	P	P	00 00 30.8	-0.7
SCHO	comp=Z,2.5nm,0.6s,baz=53,slow=6.1,SNR=8.7				LR	00 27 42.9	
SCHO	comp=Z,1.5nm,1.8s,baz=304,slow=35				LR		
SCHO	Schefferville	64.03	320	P	P	00 00 30.8	-0.7
SCHO	comp=Z,2.5nm,0.6s				Iamb	00 00 33.7	
ILON	Igloolik, Nuna	64.36	338	P	P	00 00 33.1	-0.3
GBN	Guyugoroug	64.36	309	P	P	00 00 33.5	+0.8
RES	Resolute Bay	64.97	345	P	P	00 00 37.2	0.0
RES	Resolute Bay	64.97	345	P	P	00 00 37.2	0.0
RES	comp=Z,1.1nm,1.2s				pmax		
PZH	PanZhihua	65.66	73	P	P	00 00 44.1	+1.4
HHC	Hu-ho-hao-te	66.80	56	eP	P	00 00 51.1	+1.3
HHC	comp=Z,1.7nm,0.7s				pmax		
CMAR	Chiang Mai Arr	67.16	82	P	P	00 00 52.4	+0.1
CMAR	comp=Z,0.7nm,0.3s,baz=296,slow=5.9,SNR=4.2				P		
CMAR	Chiang Mai Arr	67.16	82	eP	P	00 00 54.4	+2.1
BLKN	Baker Lake	71.83	337	P	Iamb	00 01 19.9	-0.4
BLKN	comp=Z,6.4nm,0.7s				Iamb	00 01 20.7	
FRNY	Flat Rock	72.36	312	P	Iamb	00 01 22.9	-0.9
FRNY	comp=Z,5.5nm,1.4s				Iamb	00 01 50.1	
A36M	Sachs Harbour	72.51	351	P	P	00 01 24.7	+0.4
A36M	Sachs Harbour	72.51	351	P	P	00 01 24.7	+0.4
BILL	Biilbino	74.58	14	eP	P	00 01 37.1	+0.6
BILL	comp=Z,9.0nm,2.5s				pmax		
C36M	Paultjuk	74.72	349	P	P	00 01 37.2	0.0
FCC	Fort Churchill	74.78	332	P	Iamb	00 01 37.5	-0.3
FCC	comp=Z,3.8nm,0.8s				Iamb	00 01 38.9	
FCC	Fort Churchill	74.78	332	P	P	00 01 37.5	-0.3
SEY	Seymchan	75.96	22	eP	P	00 01 40.8	+1.5
SEY	comp=Z,10.0nm,2.5s				pmax		
KLR	Kul'dur	75.14	40	LR	LR	00 02 22.3	
KLR	comp=Z,1.8nm,1.8s,baz=145,slow=42				LR		
KLR	Kul'dur	75.14	40	eP	P	00 01 41.3	+1.2
KLR	comp=Z,2.0nm,1.7s				pmax		
SADO	Sadowie	75.76	314	P	P	00 01 43.9	+0.2
B22K	Teshchepuk Lake	76.25	359	P	P	00 01 46.4	+0.4
B22K	comp=Z,1.8nm,1.8s				P		
C26K	Camden Bay	76.40	356	P	P	00 01 47.5	+0.6
B20K	Meade River	76.58	1	P	P	00 01 48.5	+0.6
B20K	comp=Z,3.9nm,0.8s				P		
C27K	Jago River	76.62	356	P	P	00 01 48.9	+0.8
C27K	comp=Z,1.0nm,0.8s				P		

C23K	Itkikil River	76.70	358	P	Iamb	00 01 49.4	+0.8
C23K	comp=Z,5.8nm,0.8s				Iamb	00 01 50.5	
C23K	Itkikil River	76.70	358	P	P	00 01 49.4	+0.8
C24K	Franklin Bluff	76.76	358	P	P	00 01 49.6	+0.7
C24K	comp=Z,2.5nm,0.5s				P		
D27M	Malcolm River	76.81	355	P	P	00 01 50.0	+0.7
MA2	Magadan	76.97	25	eP	P	00 01 51.8	+1.5
MA2	comp=Z,3.0nm,2.5s				pmax		
B21K	Ikpikpuk River	76.98	360	P	P	00 01 50.5	+0.4
B21K	comp=Z,2.8nm,0.8s				P		
INK	Inuvik	77.00	352	P	Iamb	00 01 49.7	-0.5
INK	comp=Z,7.1nm,1.3s				Iamb	00 01 51.1	
INK	Inuvik	77.00	352	P	P	00 01 49.7	-0.5
INK	comp=Z,7.0nm,1.3s				pmax		
INK	Inuvik	77.00	352	P	P	00 01 50.5	+0.3
INK	comp=Z,19.5nm,7.2s				P		
D25K	Kavik River	77.07	357	P	P	00 01 50.9	+0.2
D25K	comp=Z,9.0nm,0.9s				P		
E28M	Babbage River	77.32	354	P	P	00 01 52.6	+0.4
E28M	comp=Z,14.0nm,0.8s				P		
D24K	Happy Valley	77.33	358	P	P	00 01 52.7	+0.5
D24K	comp=Z,5.0nm,0.8s				P		
E29M	Blow River	77.38	353	P	P	00 01 53.0	+0.6
E29M	comp=Z,15.5nm,0.7s				P		
C21K	Knitblade Rid	77.44	360	P	P	00 01 53.8	+1.0
C21K	comp=Z,15.5nm,0.7s				P		
C19K	Lookout Ridge	77.45	2	P	P	00 01 53.5	+0.6
C19K	comp=Z,15.5nm,0.7s				P		
D23K	Nanushuk River	77.58	358	P	P	00 01 54.6	+1.0
D23K	comp=Z,15.5nm,0.7s				P		
F31M	Tsighehtich	77.85	352	P	P	00 01 55.0	-0.1
F31M	comp=Z,15.5nm,0.7s				P		
F31M	Tsighehtich	77.85	352	P	P	00 01 55.1	+0.1
F31M	comp=Z,15.5nm,0.7s				P		
C18K	Utukok River	77.86	2	P	P	00 01 55.4	+0.2
C18K	comp=Z,18.5nm,0.8s				P		
TOLK	Toolik Lake Re	77.87	358	P	P	00 01 55.9	+0.6
TOLK	comp=Z,5.1nm,0.8s				P		
F30M	Barrier River	77.92	352	P	P	00 01 55.7	+0.2
F30M	comp=Z,17.5nm,0.8s				P		
F30M	Barrier River	77.92	352	P	P	00 01 55.7	+0.2
F30M	comp=Z,17.5nm,0.8s				P		
C17K	Delong Mountain	77.96	3	P	P	00 01 56.4	+0.7
C17K	comp=Z,17.5nm,0.8s				P		
U17K	Ussuriysk Ar.	78.16	45	P	P	00 01 55.5	-1.7
U17K	comp=Z,4.6nm,0.7s,baz=290,slow=3.2,SNR=5.6				P		
E25K	Arctic Village	78.22	356	P	P	00 01 58.1	+0.9
E25K	comp=Z,8.4nm,0.7s				P		
F28M	Old Crow	78.22	354	P	P	00 01 58.4	+0.7
F28M	comp=Z,13.0nm,0.8s				P		
E20K	Nigu River	78.35	0	P	P	00 01 58.5	+0.6
E20K	comp=Z,3.9nm,0.8s				P		
E24K	Your Creek	78.40	357	P	P	00 01 58.9	+0.7
E24K	comp=Z,6.0nm,0.8s				P		
G31M	Satah River	78.41	352	P	P	00 01 58.0	-0.1
G31M	comp=Z,18.5nm,0.7s				P		
G31M	Satah River	78.41	352	P	P	00 01 58.1	-0.1
G31M	comp=Z,18.5nm,0.7s						

Table with columns: STGB, CHUU, CHUU, PAJU, PAJU, PAVE, PAVE, FG16, APG, CCIQ, CCIQ, CMIG, CMIG. Includes station names, coordinates, and time/residual data.

OSPL 18 00:16:48.5±0.5, 18:03N:70:64W, h16km, 4km, ML1.9, Presumed earthquake

SDD 18 00:16:49.4±1.3, 17:37N:70:75W, h31km, 24km, MD2.9, ML1.6, MW2.4, Presumed earthquake

ISC 18 00:16:48.4±1.4, 18.00N:0106:70:71W±0.04, h26km, 14km, n10, c095/17, 5C-2D, Dominican Republic region

Main table for Dominican Republic region earthquakes, listing station names, coordinates, and time/residual data.

IDC 18 00:41:27.7±1.1, 19:67S:177:32E, h610km, 60km, mb2.7/3, mbtmp3.8/4, Error ellipse: s-maj=168.0km s-min=43.4km az=147.0

ISC 18 00:41:26.1±2.8, 19.83S:09:177.5E±0.4, h600km, n7, c1806/7, mb3.4/3, South of Fiji Islands

Table for South of Fiji Islands earthquakes, listing station names, coordinates, and time/residual data.

IDC 18 00:43:11.6±1.0, 4:51N, 125:21E, h0km, mb3.7/6, mbtmp3.8/7, ML4.1/1, MS2.6/2, Error ellipse: s-maj=60.4km s-min=17.2km az=75.0

NEIC 18 00:43:19.6±1.9, 5:02N:0:03:126:0E±0.1, h66km, 11km, mb4.1/8, Error ellipse: s-maj=20.2km s-min=2.8km az=78.0

MAN 18 00:43:21.0±5.0, 05N:126:26E, h19km, MS3.4, ISC 18 00:43:22.0±0.6, 4.82N:0:05:126:0E±0.10, h100km, n31, c1198/33, mb3.7/9, Talez Islands

Main table for Talez Islands earthquakes, listing station names, coordinates, and time/residual data.

Table for WAKE ISLAND Hy 42.43 66 T T, listing station names, coordinates, and time/residual data.

NEIC 18 00:50:14.5±1.4, 17:93N:0:03:66:92W±0.01, h10km, 1km, ML3.2/37, Md3.2/20(RSPR), Error ellipse: s-maj=4.7km s-min=2.7km az=197.0

RSPR 18 00:50:14.6, 17:94N:66:96W, h2km, MD3.2/20, OSPL 18 00:50:14.2±0.3, 17:90N:66:97W, h18km, 19km, ML3.6, Presumed earthquake

Main table for Puerto Rico region earthquakes, listing station names, coordinates, and time/residual data.

AOPR 18 00:50:23.0±0.5, 23.0N:106:53W, h0km, mb3.1/6, mbtmp3.1/6, Error ellipse: s-maj=17.7km s-min=8.1km az=103.0

VIE 18 01:37:33.9±0.5, 51:38N:16:36E, h0km, mb2.3/3, ml2.6/3, Error ellipse: s-maj=3.2km s-min=3.0km az=174.0 12 km ESE of Lubin Suspected Mining induced.

IPEC 18 01:37:33.1±0.2, 51:44N:16:34E, h1km, ML2.1/8, Error ellipse: s-maj=1.8km s-min=1.1km az=65.0

DNK 18 01:37:34.3±1.7, 51:69N:16:67E, h0km, 72km, ML2.0, Presumed earthquake

PRU 18 01:37:35.1±1.5, 51:38N:16:24E, h0km, ISC 18 01:37:31.7±0.7, 51:52N:0:03:16:25E±0.03, h0km, n48, c11907/83, Poland

Main table for Poland earthquakes, listing station names, coordinates, and time/residual data.

FUNV 18 01:33:44.6±5.7, 5N:72:91W, h76km, MW3.2, Presumed earthquake

RSNC 18 01:33:45.7±0.0, 6:1N:1:7:3W±0.1, h6km, 2km, M2.4, ML2.0, ISC 18 01:33:44.3±1.5, 5.81N:0:03:72:47W±0.05, h9km, 10km, n19, c11903/35, Colombia

Main table for Colombia earthquakes, listing station names, coordinates, and time/residual data.

Table for Macarena, Meta earthquakes, listing station names, coordinates, and time/residual data.

NEIC 18 01:35:01.6±1.3, 12:45S:0:1:166:8E±0.2, h91km, 60km, mb4.5/11, Error ellipse: s-maj=23.1km s-min=16.5km az=84.0

IDC 18 01:35:04.1±1.8, 12:16S:166:87E, h125km, 82km, mb3.8/6, mbtmp4.1/7, MS2.5/1, Error ellipse: s-maj=63.1km s-min=29.2km az=154.0

ISC 18 01:35:02.3±1.0, 12:54S:0:09:166:8E±0.1, h100km, n26, c1804/27, mb4.3/11, Santa Cruz Islands

Main table for Santa Cruz Islands earthquakes, listing station names, coordinates, and time/residual data.

IDC 18 01:37:33.4±0.9, 51:40N:16:25E, h0km, mbtmp3.0/6, ML2.7/5, Error ellipse: s-maj=17.7km s-min=8.1km az=103.0

VIE 18 01:37:33.9±0.5, 51:38N:16:36E, h0km, mb2.3/3, ml2.6/3, Error ellipse: s-maj=3.2km s-min=3.0km az=174.0 12 km ESE of Lubin Suspected Mining induced.

IPEC 18 01:37:33.1±0.2, 51:44N:16:34E, h1km, ML2.1/8, Error ellipse: s-maj=1.8km s-min=1.1km az=65.0

DNK 18 01:37:34.3±1.7, 51:69N:16:67E, h0km, 72km, ML2.0, Presumed earthquake

PRU 18 01:37:35.1±1.5, 51:38N:16:24E, h0km, ISC 18 01:37:31.7±0.7, 51:52N:0:03:16:25E±0.03, h0km, n48, c11907/83, Poland

Main table for Poland earthquakes, listing station names, coordinates, and time/residual data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Rows include OJC, NOVC, JAVC, etc.

BUI 18 02:02:15.2, 6.44N, 92.76E, h9km, mB4.7/6, mb4.7/34, M5.4, 1/11, M5.7, 3/13
IDC 18 02:02:16.6, 0.7, 6.61N, 92.77E, h0km, mb4.1/21, mbmp4.1/23, ML4.9/2, MSK.6/52, Error ellipse: s-maj=21.6km s-min=15.2km az=59.0
DJA 18 02:02:17.0, 1.2, 6.1N, 8.9°E, 1.4, h20km, M5.1/13, mB5.3/3, mb5.0/6, MLV5.2/13, Mw(mB)4.7/3
NEIC 18 02:02:17.6, 1.5, 6.45N, 0.08, 92.69E, 0.08, h10km, 1km, mb4.9/57, Error ellipse: s-maj=15.4km s-min=11.2km az=229.0
BKK 18 02:02:23.6, 0.5, 7.1N, 6.9°E, 1.1, h10km, M4.7/6, MLV4.7/6
ISC 18 02:02:20.0, 0.4, 6.54N, 0.05, 92.83E, 0.06, h25km, m213, r=145/168, mb4.7/71, 1, MS3.6/57, 2C-2D, Nicobar Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Rows include BSI, MSLI, LHMI, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Rows include NGP, MOKO, LEM, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res. Rows include KURBB, KURK, TLY, etc.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like KOK Koryaka, AVH Avacha, SMAR Somma, etc.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like CMAR Chiang Mai Arr, CMAR Chiang Mai Arr, CMAR Terada, etc.

Table with columns: Code, Station Name, Time, Res, ISC, h, m, s, ISC. Includes stations like NADR comp=N,2um,0.2s, DR08 Loma La Naviza, etc.

OSPL 18 03:22:31.9,2.2,19.22N:69.80W, h6km,8km, ML2.5, Presumed earthquake
SDD 18 03:22:31.4,2.3,19.25N:69.86W, h20km,11km, MD2.9, ML2.1, MW2.9, Presumed earthquake
ISC 18 03:20:10.1,1.1,18.22N:0.44W, h79W,0.03, h19km,3km, az=63.0, Suspected Mining explosion
ISC 18 03:43:40.5,0.8,52.09N:0.02W, h87E,0.02, h0km, n33, r121/63, 7C-8D, Southwestern Siberia

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC. Includes events like AB31 Akbulak array, AB31 Kurchatov Arra, and various other stations.

NEIC 18 06:18:23.01.1.2, 17:85N:03:67.10W, h10km, 1km, ML3.3/37, MD3.3/20(RSPR), Error ellipse: s-maj=5.3km s-min=2.8km az=17.0

RSPR 18 06:18:23.4, 17:94N:67.10W, h10km, MD3.3/20 OSPL 18 06:18:23.6, 17:10N:67.10W, h11km, 20km, ML3.6, Presumed earthquake

ISC 18 06:18:23.01.0.1, 17:99N:00:76.05W, 0.04, h17km, 6km, n39, c076/55, 13C-4D, Mofa Passage

MLPR Magueyes Islan 0.03 170f eP Pg 06 18 25.8 -0.2 MLPR Cabo Rojo, PR 0.06 282 i P Pg 06 18 26.0 -0.2

MLPR Magueyes Islan 0.03 170f eP Pg 06 18 25.8 -0.2 MLPR Cabo Rojo, PR 0.06 282 i P Pg 06 18 26.0 -0.2

OBIP Obispo Ponce 0.42 83 i P Sb 06 18 32.2 +0.2 OBIP Obispo Ponce 0.42 83 i P Sb 06 18 32.2 +0.2

OBIP Obispo Ponce 0.42 83 i P Sb 06 18 32.2 +0.2 OBIP Obispo Ponce 0.42 83 i P Sb 06 18 32.2 +0.2

OBIP Obispo Ponce 0.42 83 i P Sb 06 18 32.2 +0.2 OBIP Obispo Ponce 0.42 83 i P Sb 06 18 32.2 +0.2

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OBIP Obispo Ponce 0.42 83 i P Sb 06 18 32.2 +0.2 OBIP Obispo Ponce 0.42 83 i P Sb 06 18 32.2 +0.2

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Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC. Includes events like ROSC El Rosal, SDV Santo Domingo, and JTS Las Juntas de.

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC. Includes events like SJG San Juan, CMIG Matias Romero, and GQSA South Pole Qui.

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC. Includes events like TORD Torodi Arr, MKAR Makanchi Array, and IDC 18 06:38:32.2, 0.7, 17:81N:66:75W, h0km, mb3.7/12.

NEIC 18 06:38:33.1, 17:83N:66:76W, h10km, NEIC 18 06:38:33.4, 17:87N:03:66:764W, 0.009, h10km, mb4.2/3, ML4.1, 193, Mw3.8/25, ML3.7/19(RSPR), Mw3.7/17(SLM), Error ellipse: s-maj=4.8km s-min=2.7km az=8.0

SDD 18 06:38:34.1, 17:84N:66:75W, h15km, 21km, MD3.3, ML3.8, MW3.9, Presumed earthquake NEIC 18 06:38:34.1, 17:92N:66:76W, h4km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mrr-2.44; Mss3.54; Mtt-1.10; Mss1.74; Mss2.82; Mrr-1.94; Fault plane solution: M=4.95000x10^14 Np1.3e280.00000, s65.00000, lambda-40.00000, NP2.3e280.00000, lambda-149.00000, Principal axes: T: 4.9564, P: 0.00000, Azm73.00000; N: 0.0051, P: 0.00000, Azm73.00000; P: 0.0615, P: 0.00000, Azm240.00000

OSPL 18 06:38:34.7, 1.6, 17:87N:66:77W, h2km, 999km, ML4.1, Presumed earthquake RSPR 18 06:38:34.1, 17:92N:66:76W, h7km, MD3.7/19 PTWC 18 06:38:34.1, 17:90N:66:70W, ML4.1/16

ISC 18 06:38:33.6, 0.8, 17:89N:04:66:76W, 0.02, h11km, 5km, n104, c088/129, mb3.9/12, 24C-8D, Puerto Rico region

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC. Includes events like GBPR Guanica, Bosqu, OBIP Obispo Ponce, and CELP Cerrillos.

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC. Includes events like CELP Cerrillos, CELP Cerrillos, and CELP Cerrillos.

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC. Includes events like CELP Cerrillos, CELP Cerrillos, and CELP Cerrillos.

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC. Includes events like CELP Cerrillos, CELP Cerrillos, and CELP Cerrillos.

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC. Includes events like CELP Cerrillos, CELP Cerrillos, and CELP Cerrillos.

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC. Includes events like CELP Cerrillos, CELP Cerrillos, and CELP Cerrillos.

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC. Includes events like CELP Cerrillos, CELP Cerrillos, and CELP Cerrillos.

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC. Includes events like CELP Cerrillos, CELP Cerrillos, and CELP Cerrillos.

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC. Includes events like CELP Cerrillos, CELP Cerrillos, and CELP Cerrillos.

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC. Includes events like CELP Cerrillos, CELP Cerrillos, and CELP Cerrillos.

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC. Includes events like CELP Cerrillos, CELP Cerrillos, and CELP Cerrillos.

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC. Includes events like CELP Cerrillos, CELP Cerrillos, and CELP Cerrillos.

IDC 18 05:34:52.9, 3.0, 54:70N:86:81E, h0km, mb3.3/22, ML2.8/2, Error ellipse: s-maj=28.9km s-min=18.9km az=52.0

ASRS 18 05:34:56.0, 0.7, 54:30N:86:74E, h0km, M2.8(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC. Includes events like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, and ZALV Zalesovo Beam.

IDC 18 05:35:01.1, 3.1, 9:13S:166:55E, h0km, mb3.8/4, mbtmp3.8/4, MS3.2/10, Error ellipse: s-maj=83.2km s-min=40.3km az=114.0, Bougainville-Solomon Islands region

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC. Includes events like HNR Honiara, PMG Port Moresby, CTA Charters Tower, DZM Mont Dzum, MSVF Nonsavu, WRA Warramunga Arr, ASAR Alice Springs, STKA Stephens Creek, STKA Stephens Creek, URZ Urewera, MJAR Matsushiro Arr, KSRs Katsuragi, PETK Petropavlovsk, MA2 Magadan, and MKAR Makanchi Array.

IDC 18 05:40:32.3, 2.4, 54:62N:83:81E, h0km, mbtmp2.8/2, ML2.3/2, Error ellipse: s-maj=18.7km s-min=11.6km az=167.0, Southwestern Siberia

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC. Includes events like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, and MKAR Makanchi Array.

ASRS 18 06:30:07.0, 1.1, 54:12N:86:46E, h0km, M2.4(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022

IDC 18 06:30:08.2, 9.2, 54:17N:86:47E, h0km, mbtmp2.8/2, ML2.6/2, Error ellipse: s-maj=24.1km s-min=14.2km az=56.0, Southwestern Siberia

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC. Includes events like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, ZALV Zalesovo Beam, and MKAR Makanchi Array.

IDC 18 06:38:21.1, 1.7, 24:17S:66:91W, h160km, 20km, mb3.2/2, mbtmp3.5/6, MS3.3/7, Error ellipse: s-maj=38.0km s-min=13.9km az=99.0

GUC 18 06:38:25.6, 0.6, 24:01S:67:27W, h218km, 9km, ML3.4, ISC 18 06:38:22.9, 0.8, 24:10S:0:05:66:97W, 0.08, h181km, n24, c181/23, 6C, Salta Province

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and ISC. Includes events like AF01 San Pedro de A, PB06 IPOC Station P, PB09 IPOC Station P, PB14 IPOC Station P, PB05 IPOC Station P, PB05 IPOC Station P, PB03 IPOC Station P, PB03 IPOC Station P, PB10 IPOC Station P, PB10 IPOC Station P, AC02 Maricunga, PB07 IPOC Station P, PB01 IPOC Station P, PB01 Pan de Azucar, PB01 IPOC Station P, CFA Coronel Fontenla, LPAZ La Paz, LPAZ La Paz, SIV San Ignacio, and BDFB Brasilia.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, etc. Includes stations like Port Moresby, Warrungarra Ar, Alice Springs, etc.

IDC 18 07:35:10.3.2.1, 63.89N, 28.81E, hOkm, mbtmp2.7/3, ML1.0/3, Error ellipse: s-maj=36.6km s-min=10.7km

HEL 18 07:35:10.5.0.1, 63.99N, 28.08E, hOkm, ML1.7, Suspected explosion

ISC 18 07:35:10.0.0.8, 63.98N, 28.02E, 10.0:0.03, hOkm, m39, s=127/57, Finland

Main table of station data for the first section, including stations like Nilsia, Romuvaara, Oulu, etc.

IDC 18 07:50:12.1.3.3, 63.52N, 88.00E, hOkm, mbtmp2.6/2, ML2.2/2, Error ellipse: s-maj=26.6km s-min=18.1km

az=52.0, Southwestern Siberia

Table of station data for the second section, including stations like ZALESOVO INFRA, ZALV, etc.

IDC 18 07:50:14.3.0.9, 65.49N, 34.47W, hOkm, mb3.6/12, mbtmp3.8/16, ML3.1/3, MS3.5/3, Error ellipse: s-maj=27.1km s-min=14.1km az=179.0

NEIC 18 07:50:16.2.1.4, 56.51N, 0.10:34.3W, 0.1, h1Okm, 1km, mb4.3/107, Error ellipse: s-maj=16.2km s-min=11.8km az=185.0

ISC 18 07:50:17.5.0.5, 56.46N, 0.08:34.36W, 0.05, h2km, m175, s=071/135, mb4.3/65, MS3.4/49, Reykjanes Ridge

Table of station data for the third section, including stations like NARSARSUAQ, IVIGVIT, BORG, etc.

ISC 18 07:50:24.0.0.0, 57.52 S, 0.0 E, hOkm, mbtmp2.7/3, ML1.0/3, Error ellipse: s-maj=36.6km s-min=10.7km

HEL 18 07:35:10.5.0.1, 63.99N, 28.08E, hOkm, ML1.7, Suspected explosion

ISC 18 07:35:10.0.0.8, 63.98N, 28.02E, 10.0:0.03, hOkm, m39, s=127/57, Finland

Main table of station data for the third section, including stations like NARSARSUAQ, IVIGVIT, BORG, etc.

IDC 18 07:50:12.1.3.3, 63.52N, 88.00E, hOkm, mbtmp2.6/2, ML2.2/2, Error ellipse: s-maj=26.6km s-min=18.1km

az=52.0, Southwestern Siberia

Table of station data for the fourth section, including stations like ZALESOVO INFRA, ZALV, etc.

IDC 18 07:50:14.3.0.9, 65.49N, 34.47W, hOkm, mb3.6/12, mbtmp3.8/16, ML3.1/3, MS3.5/3, Error ellipse: s-maj=27.1km s-min=14.1km az=179.0

NEIC 18 07:50:16.2.1.4, 56.51N, 0.10:34.3W, 0.1, h1Okm, 1km, mb4.3/107, Error ellipse: s-maj=16.2km s-min=11.8km az=185.0

ISC 18 07:50:17.5.0.5, 56.46N, 0.08:34.36W, 0.05, h2km, m175, s=071/135, mb4.3/65, MS3.4/49, Reykjanes Ridge

Table of station data for the fifth section, including stations like AGMAGN, VAE, TIP, etc.

ISC 18 07:50:24.0.0.0, 57.52 S, 0.0 E, hOkm, mbtmp2.7/3, ML1.0/3, Error ellipse: s-maj=36.6km s-min=10.7km

HEL 18 07:35:10.5.0.1, 63.99N, 28.08E, hOkm, ML1.7, Suspected explosion

ISC 18 07:35:10.0.0.8, 63.98N, 28.02E, 10.0:0.03, hOkm, m39, s=127/57, Finland

Main table of station data for the fifth section, including stations like AGMAGN, VAE, TIP, etc.

IDC 18 07:50:12.1.3.3, 63.52N, 88.00E, hOkm, mbtmp2.6/2, ML2.2/2, Error ellipse: s-maj=26.6km s-min=18.1km

az=52.0, Southwestern Siberia

Table of station data for the sixth section, including stations like ZALESOVO INFRA, ZALV, etc.

IDC 18 07:50:14.3.0.9, 65.49N, 34.47W, hOkm, mb3.6/12, mbtmp3.8/16, ML3.1/3, MS3.5/3, Error ellipse: s-maj=27.1km s-min=14.1km az=179.0

NEIC 18 07:50:16.2.1.4, 56.51N, 0.10:34.3W, 0.1, h1Okm, 1km, mb4.3/107, Error ellipse: s-maj=16.2km s-min=11.8km az=185.0

ISC 18 07:50:17.5.0.5, 56.46N, 0.08:34.36W, 0.05, h2km, m175, s=071/135, mb4.3/65, MS3.4/49, Reykjanes Ridge

Table with columns: ELK, Station Name, Time, Res, ISC, Phase ID, Op, h, m, s, ISC, Res. Includes stations like Elko, Jabal al Asfar, Eilat, Borovoye Array, Lajitas Array, etc.

Table with columns: N14K, Station Name, Time, Res, ISC, Phase ID, Op, h, m, s, ISC, Res. Includes stations like N14K, M13K, N15K, M15K, etc.

Table with columns: RNF, Station Name, Time, Res, ISC, Phase ID, Op, h, m, s, ISC, Res. Includes stations like KLF, KLF, KLF, HET, HET, etc.

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, h, m, s, ISC, Res. Includes stations like I46RU, ZALV, ZALV, ZALV, etc.

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, h, m, s, ISC, Res. Includes stations like E25K, F26K, C23K, etc.

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, h, m, s, ISC, Res. Includes stations like LVZ, I37NO, I37NO, etc.

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, h, m, s, ISC, Res. Includes stations like FALS, FALS, ISANN, etc.

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, h, m, s, ISC, Res. Includes stations like I46RU, ZALV, ZALV, etc.

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

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, h, m, s, ISC, Res. Includes stations like AKSA, AKSA, AKUT, etc.

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, h, m, s, ISC, Res. Includes stations like I46RU, ZALV, ZALV, etc.

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

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, h, m, s, ISC, Res. Includes stations like OKTU, OK14K, etc.

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, h, m, s, ISC, Res. Includes stations like RAJF, VRF, etc.

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

WRA Warramonga Arr 150.37 241 PKPbc PKPbc 11 15 30.6 -0.7

MMAI Mount Meron Ar 61.62 304 LR LR 11 35 23.3

IDC 18 11:16:53.0;1.4,9.78S;127.87E,h0km,mb4.0/1,

IDC 18 10:56:52.0;0.8,5.46N;94.96E,h0km,mb3.9/14,

YAK Yakutsk 61.70 18 LR LR 11 36 33.0

mbmp4.5/6,ML4.6/5,Error ellipse: s-maj=29.9km

Code Station Name A° AZ° Phase ID Time Res

HO4N2 CROZET ISLANDS 64.214 212 T T 12 17 44.5

Code Station Name A° AZ° Phase ID Time Res

BSI Banda Aceh 0.29 148 Op ISC h m s ISC

HO4N1 CROZET ISLANDS 64.515 212 T T 12 17 42.5

SOEI Soe 3.61 272 Op ISC h m s ISC

CMAR Chiang Mai Arr 13.17 16 Pn Pn 11 00 07.1 +4.0

HO4S3 CROZET ISLANDS 64.83 211 T T 12 17 52.9

SOEI Soe 3.61 272 P S Pn 11 17 48.0 -1.8

HYB Hyderabad 19.94 307 eP 11 01 28.8

HO4S2 CROZET ISLANDS 64.84 211 T T 12 17 57.4

SOEI Soe 3.61 272 P S Pn 11 17 54.2 +3.3

HO4S1 CROZET ISLANDS 64.82 211 T T 12 17 52.6

HO4S2 CROZET ISLANDS 64.83 211 T T 12 17 52.9

SOEI Soe 3.61 272 P S Pn 11 17 52.9 +0.2

HO4S2 CROZET ISLANDS 64.83 211 T T 12 17 52.9

HO4S2 CROZET ISLANDS 64.83 211 T T 12 17 52.9

SOEI Soe 3.61 272 P S Pn 11 17 52.9 +0.2

HO4S2 CROZET ISLANDS 64.83 211 T T 12 17 52.9

HO4S2 CROZET ISLANDS 64.83 211 T T 12 17 52.9

SOEI Soe 3.61 272 P S Pn 11 17 52.9 +0.2

HO4S2 CROZET ISLANDS 64.83 211 T T 12 17 52.9

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SOEI Soe 3.61 272 P S Pn 11 17 52.9 +0.2

HO4S2 CROZET ISLANDS 64.83 211 T T 12 17 52.9

HO4S2 CROZET ISLANDS 64.83 211 T T 12 17 52.9

SOEI Soe 3.61 272 P S Pn 11 17 52.9 +0.2

HO4S2 CROZET ISLANDS 64.83 211 T T 12 17 52.9

HO4S2 CROZET ISLANDS 64.83 211 T T 12 17 52.9

SOEI Soe 3.61 272 P S Pn 11 17 52.9 +0.2

SOEI Soe 3.61 272 P S Pn 11 17 52.9 +0.2

18d 11h

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PLEV, NYDR, KLV, EFP, SERG, ANX, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BER, AKN, MOL, HYA, SUE, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BER, KONO, STRU, SKAR, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like IDC, ISC, WRA, GSPA, SNA, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like IDC, MAN, TGY, etc.

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

NEIC 18 11:43:40.1±2.2, 20.75±0.08:173.53W, h10km, 1km, mb5.1/77. Error ellipse: s-maj=14.3km s-min=11.2km az=159.0

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MSVF, MSVF, RAO, etc.

Table with columns: Code, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like NOUC, SANVU, SANVU, etc.

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Table with columns: EIDS, Station Name, Delta, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SYDH, TAOE, AUDAR, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like VVND, RPN, NLAI, SOEI, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like M13K, O17K, N15K, USRK, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like MCARA, WAT6, H16K, PLBC, etc.

18d 12h

2020 JUN

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Table with columns: Call Sign, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like CNGZ Carnagh Station, WKZG Te Karaka, WHRZ Whale Island, etc.

Table with columns: Call Sign, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like MSVF baz=139,slow=22, MSVF Nonsavu, MSVF Nonsavu, etc.

Table with columns: Call Sign, Name, Time, Azimuth, Elevation, Frequency, and other parameters. Includes stations like STKA comp=Z,107nm,0.9s, STKA comp=Z,133nm,0.7s, etc.

Table with columns: FITZ, comp=, SNR, LR, 13 06 32.0, -2.2, 13 22 13.2, 12 59 09.1 +0.9, 12 59 06.4 -1.7, 12 59 06.5 -1.7, 12 59 06.6 -1.3, 12 59 30.3, 12 59 10.9 +0.3, 12 59 12.3 -0.4, 12 59 14.5 +1.3, 12 59 12.1 -1.1, 12 59 13.7 +0.5, 12 59 13.3 +0.1, 12 59 13.7 -1.6, 13 06 44.9 -2.5, 12 59 13.5 -1.8, 12 59 14.6 -0.7, 12 59 13.9 -1.4, 12 59 13.9 -1.4, 12 59 17.0 -1.4, 12 59 23.2 +1.6, 12 59 19.2 -2.1, 12 59 21.4 -0.2, 12 59 24.1 +1.5, 12 59 22.3 -1.3, 12 59 22.5 -1.5, 12 59 23.1 -1.1, 12 59 24.4 +0.4, 12 59 24.4 +0.5, 12 59 24.1 +0.1, 12 59 24.6 -1.2, 12 59 27.3 +1.1, 12 59 27.7 -0.0, 12 59 27.6 -0.3, 12 59 28.0 +0.1, 12 59 28.6 -0.7, 12 59 28.0 -2.0, 12 59 28.4 -1.6, 12 59 28.1 -2.0, 12 59 30.1 -2.1, 12 59 32.6 -1.3, 12 59 31.6 -2.4, 12 59 31.3 -2.6, 12 59 31.5 -2.4, 12 59 31.5 -2.4, 12 59 31.5 -2.4, 12 59 38.0 +1.9, 12 59 34.7 -1.4, 12 59 33.9 -2.2, 12 59 36.9 -1.4, 12 59 36.6 -1.7, 12 59 59.4, 12 59 35.4 -3.1, 13 00 14.2, 12 59 39.2 +1.0, 13 07 33.7 +3.8, 13 19 27.9, 13 29 32.4 -6.0, 12 59 37.3 -2.2, 12 59 39.5 -0.6, 12 59 39.4 -0.8, 13 00 01.8, 12 59 41.0 +0.7, 12 59 44.0 +0.7, 12 59 44.2 -0.7, 12 59 46.1 +1.1, 12 59 47.6 +0.2, 12 59 47.3 -0.1, 12 59 47.3 -1.7, 13 07 54.2 +4.1, 13 25 24.2, 12 59 47.0 -2.0, 13 18 05.7, 13 18 20.7, 12 59 53.2 +1.8, 12 59 53.8 +2.4, 13 21 46.1, 12 59 53.1 +0.8

Table with columns: GUMO Guam, 58.70 316, P, P, 12 59 51.0 -1.2, 13 00 26.6, 12 59 50.5 -1.8, 12 59 55.9 -1.3, 12 59 60.0 -1.3, 13 00 24.7, 13 00 02.9 -0.2, 13 00 01.5 -1.6, 13 00 01.7 -1.4, 13 00 02.1 -1.0, 13 00 02.6 -2.0, 13 00 06.5 +0.5, 13 00 05.2 -3.0, 13 00 07.2 -0.9, 13 00 10.4 +0.9, 13 00 09.0 -0.5, 13 00 10.1 +0.6, 13 00 09.5 -0.7, 13 00 13.4 +0.9, 13 00 11.1 -1.5, 13 01 19.9, 13 00 11.6 -0.9, 13 00 14.8 -0.6, 13 00 15.4 -1.4, 13 00 21.7 -0.4, 13 00 22.9 -0.3, 13 00 24.1 -1.3, 13 00 27.6 +0.4, 13 00 26.1 -1.1, 13 00 27.7 -0.8, 13 00 28.2 -1.2, 13 00 31.0 +1.7, 13 00 27.5 -1.8, 13 00 27.5 -1.8, 13 00 28.8 -0.5, 13 30 28.2, 13 00 32.1 +1.8, 13 00 29.2 -1.0, 13 01 05.4, 13 00 28.9 -1.4, 13 00 29.6 -0.6, 13 00 29.5 -0.8, 13 00 29.8 -1.7, 13 00 31.3 -1.1, 13 00 32.6 -1.5, 13 00 32.9 -1.2, 13 00 34.0 -0.6, 13 00 34.9 -0.8, 13 00 39.7 -0.7, 13 00 40.6 -0.9, 13 00 41.9 -1.4, 13 00 43.1 -0.7, 13 00 44.4 -0.7, 13 00 45.3 -1.3, 13 00 44.8 -1.0, 13 00 47.6 +0.7, 13 00 40.3, 13 00 49.8 +2.0, 13 00 46.7 -1.0, 13 00 46.9 -1.0, 13 00 46.9 -1.9, 13 00 48.7 -0.7, 13 00 46.6 -1.4, 13 01 20.2, 13 00 46.7 -1.4, 13 00 46.5 -1.4, 13 00 47.3 -1.3, 13 01 17.2 +0.5, 13 00 52.5 -0.4, 13 00 52.8 -0.8, 13 00 52.8 -0.8, 13 01 00.4 +1.5, 13 00 58.5 -0.4, 13 01 37.3, 13 00 59.4 +0.5, 13 01 01.5 +0.2, 13 01 01.6 -1.4, 13 01 02.3 -0.4, 13 01 42.2, 13 01 02.3 -0.4, 13 01 02.3 -0.4, 13 01 02.2 -1.4, 13 01 02.5 +1.4, 13 10 13.9 +4.1, 13 28 50.1, 13 29 11.1 -5.6, 13 01 02.6 -0.5, 13 01 31.5, 13 01 03.2 +0.1, 13 01 03.5 +1.9, 13 01 03.3 -1.2, 13 01 03.9 -1.3, 13 01 05.5 -0.9, 13 01 04.2 -3.0, 13 01 06.4 -1.6, 13 01 07.0 -4.0, 13 01 10.6 -3.9, 13 01 10.0 +1.2, 13 31 53.3, 13 01 08.0 -0.8, 13 01 09.5 -0.7, 13 01 13.4 +1.4, 13 01 02.1 -1.8, 13 01 55.3, 13 32 36.4, 13 01 11.8 -0.2, 13 01 11.2 -0.8, 13 01 23.8 +1.2, 13 27 13.3, 13 01 12.9 -0.0, 13 01 11.0 -1.9, 13 01 10.8 -2.1, 13 01 13.2 -2.7, 13 01 17.2 -0.8

Table with columns: CTJJI Waduk Cacaban, 71.97 273, P, P, 13 01 17.6 -0.9, 13 01 17.9 -0.8, 13 01 18.0 -0.8, 13 01 21.6 -0.7, 13 01 22.2 -0.4, 13 01 24.4 +0.7, 13 01 45.7, 13 25 58.9, 13 01 23.4 -0.4, 13 26 30.6, 13 01 23.8 -0.9, 13 01 23.0 -1.7, 13 01 23.2 -1.5, 13 01 24.8 +0.4, 13 01 29.1, 13 26 03.0, 13 01 25.7 +1.3, 13 01 25.8 +0.7, 13 01 24.8 -0.3, 13 01 24.3 -0.3, 13 01 40.8, 13 25 01.4, 13 32 53.9, 13 01 25.8 -1.2, 13 26 04.6, 13 01 28.2 -0.1, 13 01 27.4 -0.3, 13 01 27.3 -1.0, 13 01 27.7 -0.5, 13 26 42.6, 13 01 27.4 -1.8, 13 01 28.8 -0.5, 13 10 59.0, 13 01 30.6 +0.6, 13 01 30.2 -0.7, 13 27 17.7, 13 01 31.4 +0.4, 13 01 30.4 -1.7, 13 01 30.2 -0.9, 13 01 34.3 +2.7, 13 01 32.5 -1.6, 13 01 33.5 -1.3, 13 27 02.0, 13 01 34.5 -0.6, 13 01 36.2 -0.1, 13 33 43.0, 13 01 35.3 -1.6, 13 01 35.7 -0.9, 13 01 37.4 +0.8, 13 11 17.5 +3.5, 13 28 58.4, 13 30 44.7, 13 01 36.3 -0.3, 13 01 35.6 -0.9, 13 01 35.7 -0.9, 13 01 36.2 -1.2, 13 11 13.7 -1.9, 13 01 38.3 -0.2, 13 01 42.6, 13 26 31.1, 13 01 38.4 -1.1, 13 01 39.1 -0.8, 13 11 19.2 -1.1, 13 01 47.0 +5.8, 13 01 37.5 -3.2, 13 01 47.9, 13 16 25.2 +1.2, 13 01 45.6 +0.1, 13 01 45.3 -0.9, 13 01 45.9 -1.5, 13 01 46.9 -1.6, 13 01 50.0 +1.7, 13 01 46.8 -1.5, 13 01 47.9 -0.4, 13 31 49.3, 13 01 48.0 -1.0, 13 28 04.3, 13 01 50.0 -0.3, 13 01 48.2 -2.4, 13 01 52.5 +1.5, 13 01 52.8 +0.5, 13 01 54.2 +1.7, 13 40 03.0, 13 01 52.4 +0.2, 13 33 52.8, 13 01 54.9 +2.7, 13 01 53.0 -0.9, 13 01 57.9, 13 01 53.5 -0.4, 13 29 00.5, 13 01 57.3 +2.7, 13 01 57.7 +1.0, 13 01 54.7 -1.9, 13 38 08.6, 13 01 55.5 -1.2, 13 01 55.5 -1.3, 13 01 58.5 +1.8

18d 12h

2020 JUN

1080

ZIRO	comp-Z,25um,20.0s	IAMS_20	IAMS_20	13 18 46.9					
E23K Chandalar	103.31 11	IAMS_20	IAMS_20	13 44 56.3					
E23K Chandalar	103.31 11	Pdiff	Pdiff	13 03 55.1 +1.5					
G26K Porcupine Rive	103.31 13	IAMS_20	IAMS_20	13 47 04.4					
G26K Porcupine Rive	103.31 13	Pdiff	Pdiff	13 03 55.1 +1.6					
I30M Mount Dempster	103.42 17	IAMS_20	IAMS_20	13 43 16.6					
I30M Mount Dempster	103.42 17	Pdiff	Pdiff	13 03 55.4 +1.1					
AGT Agartala	103.45 290	eP	Pdiff	13 03 52.0 -3.2					
AGT Agartala	103.45 290	IAMS_20	IAMS_20	13 18 49.8					
E24K Your Creek	103.50 11	IAMS_20	IAMS_20	13 46 44.4					
E24K Your Creek	103.50 11	Pdiff	Pdiff	13 03 55.7 +1.3					
PALK Pallekele	103.52 270	IAMS_20	IAMS_20	13 50 20.0					
PALK Pallekele	103.52 270	P	Pdiff	13 03 56.2 +0.3					
PALK Pallekele	103.52 270	P	Pdiff	13 03 53.9 -1.9					
PALK Pallekele	103.52 270	P	Pdiff	13 03 55.4 -0.5					
F25K Christian River	103.54 12	IAMS_20	IAMS_20	13 48 44.5					
F25K Christian River	103.54 12	Pdiff	Pdiff	13 03 56.4 +1.8					
G27K Doyon Strip	103.60 14	Pdiff	Pdiff	13 03 56.6 +1.7					
C21K Knifetlade Rid	103.62 8	Pdiff	Pdiff	13 03 56.5 +1.6					
TEZP TEZPUR	103.63 293	eP	Pdiff	13 03 53.2 -2.7					
TEZP TEZPUR	103.63 293	IAMB	IAMB	13 04 06.2					
TEZP TEZPUR	103.63 293	IAMS_20	IAMS_20	13 18 27.1					
H29M Whitestone	103.79 15	Pdiff	Pdiff	13 03 57.2 +1.5					
SHL Shillong	103.81 292	eP	Pdiff	13 03 53.6 -3.4					
SHL Shillong	103.81 292	IAMB	IAMB	13 04 01.7					
SHL Shillong	103.81 292	IAMS_20	IAMS_20	13 04 17.3					
SHL Shillong	103.81 292	IAMS_20	IAMS_20	13 18 51.8					
545A Edgard	103.84 63	IAMS_20	IAMS_20	13 48 45.3					
TOLK Toolik Lake Re	103.85 10	Pdiff	Pdiff	13 03 57.4 +1.4					
MIAR Mount Ida	103.88 58	IAMS_20	IAMS_20	13 44 52.2					
F26K Sheenjek River	103.90 13	IAMS_20	IAMS_20	13 47 23.9					
F26K Sheenjek River	103.90 13	Pdiff	Pdiff	13 03 57.7 +1.5					
ROSC El Rosal	103.94 93	Pdiff	Pdiff	13 03 59.5 +1.3					
ROSC El Rosal	103.94 93	IAMS_20	IAMS_20	13 49 46.0 -0.7					
D23K Nanushuk River	103.98 10	IAMS_20	IAMS_20	13 48 43.2					
D23K Nanushuk River	103.98 10	Pdiff	Pdiff	13 03 58.4 +1.9					
A19K Wainwright	103.99 6	Pdiff	Pdiff	13 03 58.0 +1.5					
CIT Chita	103.99 324	eP	Pdiff	13 03 57.0 0.0					
CIT Chita	103.99 324	pmax	pmax	13 08 14.8					
TJ01 Guaruva-PR	104.01 133	P	Pdiff	13 03 55.8 -2.1					
E25K Arctic Village	104.02 12	Pdiff	Pdiff	13 03 58.7 +2.0					
YAK Yakutsk	104.03 337	eP	Pdiff	13 03 53.7 -3.1					
YAK Yakutsk	104.03 337	pmax	pmax	13 14 29.2					
YAK Yakutsk	104.03 337	IAMS_20	IAMS_20	13 45 51.7					
YAK Yakutsk	104.03 337	IAMS_20	IAMS_20	13 45 51.7					
PTLB Pontes e Lacer	104.04 119	P	Pdiff	13 03 57.7 -0.4					
PTLB Pontes e Lacer	104.04 119	P	Pdiff	13 03 59.2 +1.1					
B21K Ikkipuk River	104.08 8	Pdiff	Pdiff	13 03 58.0 +1.2					
KSU1 Kansas State U	104.16 52	IAMS_20	IAMS_20	13 42 49.1					
B20K Meade River	104.17 7	IAMS_20	IAMS_20	13 44 22.0					
B20K Meade River	104.17 7	Pdiff	Pdiff	13 03 58.9 +1.6					
MALK Mahakanadrawa	104.25 271	P	Pdiff	13 03 54.8 -4.2					
MALK Mahakanadrawa	104.25 271	Pdiff	Pdiff	13 03 56.6 -2.2					
MALK Mahakanadrawa	104.25 271	IAMS_20	IAMS_20	13 19 02.9					
EPYK Eagle Plains	104.29 16	Pdiff	Pdiff	13 03 59.0 +1.0					
BGNE Belgrade	104.36 50	IAMS_20	IAMS_20	13 43 59.4					
H31M Peel River	104.39 17	IAMS_20	IAMS_20	13 43 46.2					
H31M Peel River	104.39 17	Pdiff	Pdiff	13 03 59.0 +0.6					
D24K Happy Valley	104.43 10	IAMS_20	IAMS_20	13 45 52.9					
D24K Happy Valley	104.43 10	Pdiff	Pdiff	13 04 00.1 +1.7					
G29M Pine Creek	104.45 15	Pdiff	Pdiff	13 04 00.1 +1.5					
143A Soes Landing	104.51 60	IAMS_20	IAMS_20	13 45 52.9					
DGMT Dagmar	104.58 41	IAMS_20	IAMS_20	13 43 22.6					
F28M Old Crow	104.65 14	Pdiff	Pdiff	13 04 00.9 +1.4					
C23K Itkillik River	104.80 9	IAMS_20	IAMS_20	13 49 40.7					
C23K Itkillik River	104.80 9	Pdiff	Pdiff	13 04 02.0 +1.9					
E27K Coleen River	104.80 13	Pdiff	Pdiff	13 04 02.1 +1.9					
TAWA Tawang	104.83 293	eP	Pdiff	13 04 03.1 -0.5					
TAWA Tawang	104.83 293	IAMB	IAMB	13 04 26.1					
TAWA Tawang	104.83 293	IAMS_20	IAMS_20	13 18 13.1					
VILB Vilhena	104.86 117	P	Pdiff	13 04 00.8 -1.0					
VILB Vilhena	104.86 117	eP	Pdiff	13 03 59.8 -2.3					
B22K Teshpekuk Lake	104.91 8	Pdiff	Pdiff	13 04 01.8 +1.3					
G30M Iaoh Zrai Njii	104.91 16	Pdiff	Pdiff	13 04 01.7 +1.0					
VBMS Vicksburg	104.91 61	IAMS_20	IAMS_20	13 45 41.6					
D25K Kavik River	104.96 11	IAMS_20	IAMS_20	13 49 34.0					
D25K Kavik River	104.96 11	Pdiff	Pdiff	13 04 01.8 +0.9					
C24K Franklin Bluff	104.96 10	Pdiff	Pdiff	13 04 02.6 +1.8					
G31M Satah River	105.31 16	IAMS_20	IAMS_20	13 44 04.6					
G31M Satah River	105.31 16	Pdiff	Pdiff	13 04 03.4 +1.0					
A22K Sinclair Lake	105.35 8	Pdiff	Pdiff	13 04 03.9 +1.4					
SONM Songoing Array	105.42 317	Pdiff	Pdiff	13 04 03.9 +0.3					
SONM Songoing Array	105.42 317	pp	pp	13 08 25.3 -0.6					
SONM Songoing Array	105.42 317	IAMS_20	IAMS_20	13 19 44.6 +1.5					
SONM Songoing Array	105.42 317	PKKPPc	PKKPPc	13 28 06.4 +4.6					
SUND Miller	105.45 47	IAMS_20	IAMS_20	13 43 03.2					
A21K Barrow	105.48 7	Pdiff	Pdiff	13 04 04.2 +1.2					
RER Riviere de l'E	105.50 231	IAMS_20	IAMS_20	13 45 10.0					
DHUB DHUBRI	105.50 291	eP	Pdiff	13 04 03.6 -0.6					
DHUB DHUBRI	105.50 291	IAMS_20	IAMS_20	13 19 10.8					
WRGL Wrigley	105.51 22	Pdiff	Pdiff	13 04 04.6 +1.2					
F30M Barrier River	105.52 15	Pdiff	Pdiff	13 04 04.8 +1.4					
RUSC La Rusia	105.54 93	P	Pdiff	13 04 05.1 -0.3					
E28M Babbage River	105.56 14	Pdiff	Pdiff	13 04 05.0 +1.5					
PP1B Ponte de Pedra	105.65 124	P	Pdiff	13 04 05.7 +0.5					
PP1B Ponte de Pedra	105.65 124	eP	Pdiff	13 04 05.6 +0.3					
C27K Jago River	105.67 12	Pdiff	Pdiff	13 04 04.4 +0.4					
E29M Gloy River	105.71 14	Pdiff	Pdiff	13 04 05.3 +1.1					
C26K Camden Bay	105.73 11	Pdiff	Pdiff	13 04 05.3 +1.1					
F35C Frank Sound, G	105.76 77	eP	Pdiff	13 04 04.1 -1.4					
L34A Gvendsen Farm	105.75 50	IAMS_20	IAMS_20	13 44 02.1					
D27M Malcolm River	105.83 13	Pdiff	Pdiff	13 04 06.3 +1.5					
F31M Tsighehtic	105.85 16	IAMS_20	IAMS_20	13 44 42.8					
F31M Tsighehtic	105.85 16	Pdiff	Pdiff	13 04 04.5 -0.2					
SOR Soroa	106.02 73	eP	Pdiff	13 04 04.7 -1.9					
146A Union	106.19 61	IAMS_20	IAMS_20	13 44 06.4					
SALV Santo Antonio	106.22 122	P	Pdiff	13 04 04.8 +0.6					
SALV Santo Antonio	106.22 122	eP	Pdiff	13 04 07.6 -0.3					
C25B Chapadão do Su	106.25 126	P	Pdiff	13 04 06.2 +0.3					
C25B Chapadão do Su	106.25 126	eP	Pdiff	13 04 07.8 -0.1					
SP5 Sao Paulo	106.25 133	IAMS_20	IAMS_20	13 45 38.1					
D28M Stokes Point	106.33 13	Pdiff	Pdiff	13 04 08.2 +1.3					
Y45A Gloy River	106.44 60	IAMS_20	IAMS_20	13 44 34.9					
P38A Dawn	106.48 53	IAMS_20	IAMS_20	13 44 49.6					
INK Inuvik	106.59 16	Pdiff	Pdiff	13 04 08.3 +0.3					
R40A Maddies Statio	106.68 55	IAMS_20	IAMS_20	13 44 31.0					
LCCY Blossom Villag	106.83 77	eP	Pdiff	13 04 11.5 +1.2					
MDND Maddock	106.84 44	IAMS_20	IAMS_20	13 46 37.5					
OXF Oxford	106.85 60	IAMS_20	IAMS_20	13 47 26.8					
SHB Sahibganj	106.97 289	eP	Pdiff	13 04 06.7 -4.1					
Z47A Carrollton	107.19 61	IAMS_20	IAMS_20	13 45 14.9					
BOD Bodaibo	107.20 329	eP	Pdiff	13 04 11.0 0.0					
BOD Bodaibo	107.20 329	pmax	pmax	13 04 12.4 +0.1					
TEFE Tefe	107.21 106	eP	Pdiff	13 04 07.9 -5.0					
RAGD RAYAGADA	107.40 282	eP	Pdiff	13 04 07.9 -5.0					
F33A 5 Mile Ranch	107.78 47	IAMS_20	IAMS_20	13 45 07.7					
KOD Kodjalina	107.79 271	eP	Pdiff	13 04 11.2 -3.9					
LRAL Lakeview Retre	107.90 62	IAMS_20	IAMS_20	13 45 40.8					
SALM Salem	107.95 272	eP	Pdiff	13 04 11.2 -4.2					
FOMA Nahampoana Res	107.99 221	IAMS_20	IAMS_20	13 52 29.6					
YKA Yellowknife Ar	108.05 26	Pdiff	Pdiff	13 04 14.8 +0					

1081

Table with columns for call sign, frequency, power, and other technical details. Includes entries like MKAR, SABA, SEUS, etc.

2020 JUN

Table with columns for call sign, frequency, power, and other technical details. Includes entries like KASANE, PEDRA BRANCA, etc.

18d 12h

Table with columns for call sign, frequency, power, and other technical details. Includes entries like SFJD, SPAO, SPITS, etc.

Table with columns: Code, Station Name, Az, El, P, S, Pn, Time, Res. Includes stations like Wanaagama, Sawahlana, Yogyakarta, Semarang, Jajag, etc.

Table with columns: Code, Station Name, Az, El, P, S, Pn, Time, Res. Includes stations like Shannon Station, Murupara, Ruatahuna, Kokohu, Tahuroa Road, etc.

Table with columns: Code, Station Name, Az, El, P, S, Pn, Time, Res. Includes stations like Lampang, LSA, PZH, Kunming, Uthaitani, etc.

Table with columns: Code, Station Name, Az, El, P, S, Pn, Time, Res. Includes stations like Green Lake, Raok Island, Matakoa Point, etc.

Table with columns: Code, Station Name, Az, El, P, S, Pn, Time, Res. Includes stations like MORE, IMP, BRDH, SILR, AGT, etc.

Table with columns: Code, Station Name, Az, El, P, S, Pn, Time, Res. Includes stations like AAA, TKM2, UCH, KBK, AAK, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes stations like BKZ, KIRS, BR104, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes stations like SKAR, NRCA, MOLA, WATA, etc.

Table with columns: Call sign, Name, Frequency, Mode, and other parameters. Includes stations like KHZ, KHZ, LTZ, etc.

18d 14h

Table of satellite data for 18d 14h, listing stations like FORT, WRKA, KDU, MTN, etc., with columns for name, coordinates, and status.

2020 JUN

Table of satellite data for 2020 JUN, listing stations like MTPU, HHC, TCRU, COO2, etc., with columns for name, coordinates, and status.

1090

Table of satellite data for 1090, listing stations like OJC, LANS, KSP, etc., with columns for name, coordinates, and status.

Station information for 1090, including coordinates and error ellipses for stations like IDC 18 14:12:57.4, 3.2, 33.525x177.81W, h0km, mb4.5/3, etc.

Station information for 1090, including coordinates and error ellipses for stations like IDC 18 14:17:41.0, 2.1, 32.095x178.37W, h0km, mb3.8/3, etc.

Station information for 1090, including coordinates and error ellipses for stations like IDC 18 14:23:29.7, 0.9, 32.935x178.30W, h0km, mb4.4/4, etc.

Station information for 1090, including coordinates and error ellipses for stations like IDC 18 14:23:31.0, 0.7, 32.915x178.5W, h0km, mb5.0/0, etc.

2020 JUN

18d 15h

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like MZV Matawai, OPRZ Ohinepanea, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like RAO Raoul Island, URZ Urewera, RPZ Rata Peaks, etc.

109Z

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Time, Res, ISC. Includes stations like KRHZ Kereru, HIZ Hauri, BHHZ Black Hill Sta, etc.

18d 15h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like X16A, I04A, BUCK, etc.

2020 JUN

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like SONM, YKA, YKA, ULM, etc.

1094

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like RNP95 Sopachiv, ONAU Onsal, RNP95 Varash, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like SESA Seetaler Alpe, WLF Waiferdange, SOKA Soboth, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, VNA Vanda, etc.

18d 16h

IDC 18 16:06:57.6:1.0.33:225:178:24W,h0km,mb4.5/3, mbmp4.4/4,ML3.7/1,Error ellipse:s-maj=34.4km s-min=30.3km az=104.0
NEIC 18 16:06:59.4:1.1.33:35:0.1:178:2W:0.2,h10km,1km, mb4.6/14,Error ellipse:s-maj=29.0km s-min=19.1km az=87.0

ISC 18 16:06:58.7:0.8,33:27S:0.08:178:3W:0.2,h10km,n33, r154/35,mb4.5/8,South of Kermadec Islands

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

2020 JUN

Main seismic event table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Contains multiple entries for stations like MTJD, PCJ, MCJ, MAS, etc.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and their coordinates, including stations like QNZ, MRZ, THZ, etc.

Table with columns: STKA, comp-Z, 4.9nm, 0.6s, bazi=104, slow=7.1, SNR=3.2, LR, LR, 16 32 22.2, etc.

Table with columns: SOEI, Soe, 57.90 280, P, P, 16 21 31.0 -1.4, etc.

Table with columns: PSI, Prapat, 85.83 276, P, P, 16 24 19.5 -0.6, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like ULM, NVAR, MFID, PLID, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like SCM, K24K, J25K, M23K, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like ESDC, P16K, E21K, CHNA, etc.

Additional text and data at the bottom right, including station codes, names, and coordinates. Includes lines like 'Code Station Name', 'RAO Raoul Island', etc.

18d 16h

165/35,mb4.8/13, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like Raoul Island, Urewera, Stephens Creek, etc.

NEIC 18 16:35:48.0, 0.2, 32.58S, 0.10, 177.2W, 0.2, h10km, 2km, mb4.8/17, Error ellipse: s-maj=29.3km s-min=15.7km az=76.0

IDC 18 16:35:54.6, 1.9, 33.34S, 178.35W, h0km, mb4.5/4, mbmp4.5/6, ML3.8/2, Error ellipse: s-maj=40.0km s-min=30.9km az=75.0

ISC 18 16:35:48.4, 0.1, 32.6S, 0.10, 177.4W, 0.2, h10km, n27, 1888/28, mb4.8/12, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like Raoul Island, Urewera, Stephens Creek, etc.

SJA 18 16:37:34.5, 0.7, 20.23S, 69.11W, h103km, 3km, ML3.8, MW3.7

GUC 18 16:37:36.3, 0.7, 20.25S, 69.08W, h96km, 2km, ML3.8

ISC 18 16:37:37.1, 4.2, 20.28S, 69.17W, 0.07, h87km, 8km, n30, 1828/54, 3C-4D, Northern Chile

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like IPOC Station P, Warramunga Arr, etc.

2020 JUN

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like Chusmiza, Huaiquique, etc.

BUI 18 16:42:12.9, 24.68N, 123.49E, h14km, mb5.3/29, mb4.5/55, ML4.4/2, Ms5.6/49, Ms7.5/44

IDC 18 16:42:13.2, 0.6, 24.92N, 123.37E, h0km, mb4.3/25, mbmp4.3/28, ML3.2/3, MS4.7/3, Error ellipse: s-maj=17.0km s-min=13.3km az=68.0

MOS 18 16:42:13.7, 1.2, 24.83N, 123.24E, h15km, mb5.1/36, MS5.0/4, Error ellipse: s-maj=7.7km s-min=4.6km az=105.1

NEIC 18 16:42:14.3, 3.1, 24.90N, 0.05, 123.29E, 0.06, h10km, 1km, mb5.0/10, Error ellipse: s-maj=10.8km s-min=6.1km az=126.0

JMA 18 16:42:14.9, 0.1, 24.9N, 0.7, 123.4E, 0.4, h24km, 3km, MD5.2/16, MV4.5/16, NW OFF ISHIGAKIJIMA IS

JMA Felt J1 at NW OFF ISHIGAKIJIMA IS

ISC 18 16:42:15.6, 0.5, 24.80N, 0.03, 123.34E, 0.03, h17km, 3km, h17km: p-P, n490, 1840/488, mb4.9/130, MS4.8/4, 11C-9D,

Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like Yonaguni jima, Iriomote-Funau, etc.

1104

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time, Res. Includes stations like IJKM Ikenajima, JMKM Miyako jima 2, etc.

Table with columns: LDM, Libby Dam, 90.19 35, Iamb, Iamb, 16 55 18.0, etc.

IDC 18:43:08.0 0.7, 46.98S; 11.18W, h0km, mb4.1/9, mbmp4.1/9, MS4.7/8, Error ellipse: s-maj=24.9km s-min=15.7km az=82.0

NEIC 18:43:09.4 1.2, 47.0S; 0.1x11.11W; 0.2, h10km, 1km, mb5.0/40, Error ellipse: s-maj=21.2km s-min=16.4km az=142.0

ISC 18:43:09.1 0.5, 46.96S; 0.08; 11.18W, 0.09, h10km, n72, o#91/64, mb5.0/29, MS4.7/8, 4C-1D, Southern

Main table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, etc.

Table with columns: VVND, Wild Horse Val, 92.04 41, Iamb, Iamb, 16 55 26.6, etc.

BUI 18:43:17.6 24.56N, 123.46E, h21km, mb5.7/38, mb4.8/60, ML5.0/2, Ms5.6/63, Ms7.5/59

NIED 18:43:18.1, 25.00N, 123.37E, h14km, MW5.2, Moment Tensor Solution. s2 Moment tensor: Scale 10^16Nm; Mm-7.40; Mss7.59; Mss-0.18; Mm-2.20; Mss1.56; Mss-0.17; Fault plane solution: Mo7.960000x10^16 Np1: phi=257.00000, lambda=88.00000, Np2: phi=81.00000, lambda=88.00000, Np3: phi=11.00000, lambda=88.00000

JMA 18:43:18.1, 0.2, 25.0N; 0.7x123.4E; 0.3, h14km, MD5.7/10, MW5.3/10, NW OFF ISHIGAKIJIAMA IS

JMA Felt J1/J1 at NW OFF ISHIGAKIJIAMA IS

MOS 18:43:18.0 1.0, 24.85N, 123.34E, h13km, mb5.3/47, MS5.1/12, Error ellipse: s-maj=7.0km s-min=4.4km az=112.5

NEIC 18:43:19.24.94N, 123.36E, h10km, Moment Tensor Solution. Moment tensor: Scale 10^16Nm; Mm-5.64; Mss5.77; Mss-0.13; Mm1.28; Mss2.18; Mm-0.10; Fault plane solution: Mo6.24000x10^16 Np1: phi=257.25000, lambda=82.80000, Np2: phi=65.95000, lambda=75.00000, Np3: phi=11.00000, lambda=82.80000. Principal axes: T 6.6039, Plg6.0000, Azm342.0000; N -0.8026, Plg6.0000; Azm73.0000; P -8.9013, Plg2.0000; Azm208.0000

NEIC 18:43:19.0 1.4, 24.94N, 123.36E, h10km, Moment Tensor Solution. Duration: 2s3 Moment tensor: Scale 10^17Nm; Mm-0.88; Mss1.07; Mss-0.19; Mm0.15; Mss0.32; Mm-0.24; Fault plane solution: Mo1.08000x10^17 Np1: phi=56.83000, lambda=150.000, Np2: phi=275.50000, lambda=89.00000, Np3: phi=63.22000, lambda=63.22000. Principal axes: T 1.1541, Plg3.0000, Azm347.0000; N -1.0719, Plg20.0000; Azm78.0000; P -0.9822, Plg69.0000; Azm250.0000

IDC 18:43:24.9 2.4, 24.93N, 123.40E, h54km, 21km, mb4.4/32, mbmp4.7/35, ML3.7/3, MS4.8/8 Error ellipse: s-maj=15.1km s-min=9.8km az=61.0

ISC 18:43:20.8 0.3, 24.87N, 123.38E, h21km, 3km, h21km; pP-N, n408, o#190/393, mb5.1/173, MS5.3/23, 30C-18D, Southwestern Ryukyu Islands

Main table with columns: Code, Station Name, Delta, Az, Phase ID, Time, Res, etc.

Main table with columns: TIA, Taiwan, 12.53 336, P, Pmax, 16 46 24.0 -5.3, etc.

Table with columns: ARMA, Armadale, 61.28 152, P, P, 16 53 36.8 +2.0, etc. Lists various astronomical objects and their coordinates.

Table with columns: MNK, Minsk, 73.21 323, P, P, 16 54 49.6 -0.4, etc. Lists various astronomical objects and their coordinates.

Table with columns: DAVA, Damuels, 86.58 321, epP, P, 16 56 05.2 +2.4, etc. Lists various astronomical objects and their coordinates.

Table with columns: KURBB, Kurchatov Arra, 11.31 300, Pn, Pn, 17 20 08.8 +0.3

IDC 18 17:21:26.7±2.3, 8.51S; 118.45E, h121km, 19km, mb3.4/10, mbmp3.9/14, Error ellipse: s-maj=25.3km s-min=8.2km az=56.0

ISC 18 17:21:27.0±0.6, 8.74S; 0.07:118.35E:0.05, h152km, n27, c±237/29, mb3.7/10, Sumbawa region

Main table for 18d 18h section, listing stations like PLAI, SOEI, UGM, FITZ, etc. with columns for station name, time, and residuals.

WEL 18 17:23:35.0±0.9, 34.6°S; 177.8W, h12km, M4.6/10, mb4.6/2, ML4.4/13, ML4.6/10, Mw(MB)3.8/2, Error ellipse: s-maj=17.1km s-min=4.7km az=112.3, confirmed

IDC 18 17:23:37.2±1.1, 33.77S; 178.35W, h0km, mb4.2/5, mbmp4.2/6, ML3.8/11, MS3.2/11, Error ellipse: s-maj=36.3km s-min=27.6km az=126.0

NEIC 18 17:23:39.5±1.6, 33.9S; 0.1±178.3W; 0.1, h10km, 1km, mb4.3/8, Error ellipse: s-maj=29.1km s-min=6.9km az=137.0

ISC 18 17:23:38.0±0.9, 33.86S; 0.09:178.2W:0.1, h10km, n43, c±697/60, mb4.3/7, South of Kermadec Islands

Main table for 18d 18h section, listing stations like GLKZ, WMGZ, PKGZ, etc. with columns for station name, time, and residuals.

Table with columns: FITZ, FITZ, QSPA, QSPA, QSPA, KURK, KURBB, KBZ, FINES, MMAI, NOA, NAOOI, etc. with columns for station name, time, and residuals.

IDC 18 17:26:02.2±0.2, 32.83S; 177.82W, h0km, mb3.9/2, mbmp4.0/3, Error ellipse: s-maj=70.2km s-min=38.4km az=143.0

ISC 18 17:26:04.2±1.9, 32.9S; 0.2:177.9W:0.4, h10km, n6, c±1848/7, South of Kermadec Islands

Table with columns: URZ, URZ, URZ, ASAR, ASAR, WRA, KURBB, FINES, HFS, etc. with columns for station name, time, and residuals.

IDC 18 17:30:15.6±2.2, 32.93S; 177.73W, h0km, mb3.5/3, mbmp3.6/4, ML3.2/1, Error ellipse: s-maj=51.8km s-min=39.9km az=62.0, South of Kermadec Islands

Table with columns: URZ, URZ, ASAR, ASAR, WRA, QSPA, FINES, etc. with columns for station name, time, and residuals.

SDD 18 17:46:34.0±0.4, 19.27N; 71.30W, h44km, 7km, MD2.4, ML2.2, MW2.5, Presumed earthquake

OSPL 18 17:46:35.2±0.8, 19.31N; 71.20W, h21km, 11km, ML1.8, Presumed earthquake

ISC 18 17:46:32.7±1.4, 19.42N; 0.05:71.29W:0.06, h14km, 11km, n7, c±66/14, 4C-2D, Dominican Republic region

Main table for 18d 18h section, listing stations like REDR, REDR, REDR, LOPPI, LOPPI, SDDR, SDDR, SDDR, etc. with columns for station name, time, and residuals.

IDC 18 17:47:11.6±2.4, 32.44S; 178.88W, h0km, mb3.6/3, mbmp3.8/3, Error ellipse: s-maj=69.8km s-min=42.3km az=42.0, South of Kermadec Islands

Main table for 18d 18h section, listing stations like ASAR, ASAR, WRA, QSPA, FINES, etc. with columns for station name, time, and residuals.

IDC 18 17:59:51.7±5.9, 24.77N; 123.11E, h170km, 60km, mb3.4/8, mbmp3.8/9, MS3.5/2, Error ellipse: s-maj=27.5km s-min=14.2km az=68.0

ISC 18 17:59:35.2±0.6, 24.81N; 0.07:123.40E:0.03, h21km, 4km, n43, c±103/45, mb3.9/12, Southwestern Ryukyu Islands

Main table for 18d 18h section, listing stations like YOJ, YOJ, YOJ, YOJ, etc. with columns for station name, time, and residuals.

ASAR Alice Springs 49.26 167 P P 18 08 23.5 +1.1

18d 19h

comp=E,0.5nm,0.5s,baz=352,slow=13,SNR=11
STKA Stephens Creek 59.05 162 P P 18 25 39.2 0.0

IDC 18 18:22:55.8.3.2,33'45Sx178.13W,h0km,mb4.2/3,
mmtmp4.1/4,ML3.2/1,Error ellipse: s-maj=69.8km
s-min=37.7km az=119.0, South of Kermadec Islands

Code Station Name Az AZ Phase ID Time Res
URZ Urewera 6.16 218 Op ISC h m s ISC
0.5nm,0.3s,baz=32,slow=19,SNR=1.0

CTA Charters Tower 34.30 284 P P 18 29 45.0 +1.0
17nm,1.3s,baz=110,slow=12,SNR=1.4

ASAR Alice Springs 42.93 270 P P 18 30 56.2 -0.3
0.7nm,0.3s,baz=111,slow=7.3,SNR=15

WRA Warramunga Arr 44.19 275 P P 18 31 06.2 -0.6
0.6nm,0.3s,baz=117,slow=7.3,SNR=9.1

FINES FINES Array B 147.95 338 PKPbc PKPbc 18 42 41.4 -0.8
0.6nm,0.6s,baz=64,slow=3.2,SNR=4.0

IDC 18 18:25:14.0.3.9,7'17S,157.52E,h0km,mb3.7/3,
mmtmp3.7/3,Error ellipse: s-maj=265.7km
s-min=33.1km az=132.0, Bougainville-Solomon Islands region

Code Station Name Az AZ Phase ID Time Res
WRA Warramunga Arr 25.82 238 P P 18 30 46.4 -0.9

ASAR Alice Springs 27.98 232 P P 18 31 07.4 +0.7
1.3nm,0.9s,baz=66,slow=9.8,SNR=6.5

ILAR Eielson Array 82.62 21 P P 18 37 38.9 0.0
0.4nm,0.7s,baz=236,slow=6.2,SNR=4.1

IDC 18 18:26:51.0.2.4,33'46Sx178.20W,h0km,mb3.7/2,
mmtmp3.8/3,ML3.3/1,Error ellipse: s-maj=67.0km
s-min=35.3km az=129.0, South of Kermadec Islands

Code Station Name Az AZ Phase ID Time Res
URZ Urewera 6.11 217 Op ISC h m s ISC
1.3nm,0.3s,baz=194,slow=15,SNR=2.6

ASAR Alice Springs 42.86 270 P P 18 34 51.8 +0.5
0.7nm,0.3s,baz=114,slow=7.3,SNR=5.4

WRA Warramunga Arr 44.13 275 P P 18 35 01.1 -0.4
0.7nm,0.4s,baz=116,slow=7.3,SNR=5.4

FINES FINES Array B 147.94 338 PKPbc PKPbc 18 46 35.7 +1.3
1.8nm,0.9s,baz=45,slow=2.4,SNR=5.8

EKA Eskdalemuir Arr 157.86 8 PKP P 18 46 49.8 +0.8
0.6nm,0.8s,baz=349,slow=7.0,SNR=2.0

IDC 18 18:30:20.1.1.8,33'43Sx178.40W,h0km,mb3.8/3,
mmtmp3.8/3,ML3.7/1,Error ellipse: s-maj=41.1km
s-min=32.1km az=77.0, South of Kermadec Islands

Code Station Name Az AZ Phase ID Time Res
URZ Urewera 6.04 216 Op ISC h m s ISC
1.9nm,0.3s,baz=0.0,slow=17,SNR=6.3

ASAR Alice Springs 42.70 270 P P 18 38 18.7 -0.3
0.8nm,0.7s,baz=117,slow=8.2,SNR=5.6

WRA Warramunga Arr 43.96 276 P P 18 38 29.6 +0.4
0.6nm,0.7s,baz=119,slow=7.5,SNR=10.0

QSPA South Pole Qui 56.69 180 P P 18 40 05.3 +0.2
1.5nm,0.7s,baz=19,slow=7.5,SNR=9.1

FINES FINES Array B 147.85 338 PKPbc PKPbc 18 50 05.1 -1.2
1.3nm,0.7s,baz=17,slow=2.0,SNR=5.0

IDC 18 18:48:15.5.3.0,32'55Sx178.19W,h0km,mb3.8/2,
mmtmp3.9/3,ML3.2/1,Error ellipse: s-maj=72.5km
s-min=46.0km az=127.0, South of Kermadec Islands

Code Station Name Az AZ Phase ID Time Res
URZ Urewera 6.87 213 Op ISC h m s ISC
0.5nm,0.3s,baz=0.0,slow=10,SNR=1.7

ASAR Alice Springs 42.87 269 P P 18 56 15.9 +0.1
0.6nm,0.6s,baz=107,slow=7.6,SNR=12.0

WRA Warramunga Arr 44.06 274 P P 18 56 25.4 0.0
0.6nm,0.3s,baz=114,slow=8.0,SNR=34

FINES FINES Array B 147.09 339 PKPbc PKPbc 19 07 58.8 -0.8
1.0nm,0.5s,baz=46,slow=4.0,SNR=7.6

SJA 18 19:07:41.3.0.6,21'73Sx68.58W,h130km,3km,ML3.4,
MW3.5
GUC 18 19:07:44.2.0.8,21'72Sx68.62W,h115km,6km,ML3.4,
ISC 18 19:07:43.6.1.4,21'71Sx68.69W,0.06,h126km,9km,
n34,+f128/50,C,Chile-Bolivia border region

Code Station Name Az AZ Phase ID Time Res
PB09 IPOC Station P 0.52 260 eP Pn 19 08 02.0 -0.5

PB09 IPOC Station P 0.52 260 iP Pn 19 08 02.1 -0.5

PB01 IPOC Station P 0.99 311 eS Pn 19 08 05.8 -0.4

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PB06 IPOC Station P 1.29 219 iP Pn 19 08 08.9 -0.3
Pb06 eS Sn 19 08 28.5 -0.2

AF01 San Pedro de A 1.33 159 eP Pn 19 08 09.3 -0.5
AF01 eS Sn 19 08 27.4 -2.3

AF01 comp=Z,509nm,1.1s 1.33 159 IAML Pn 19 08 41.5
AF01 comp=E,810nm,0.7s IPOC Station P 1.62 344 eP Pn 19 08 13.6 +0.4

PB08 IPOC Station P 1.62 344 iP Pn 19 08 39.9
PB08 eS Sn 19 08 13.6 +0.4

PB05 IPOC Station P 1.81 231 eP Pn 19 08 14.9 -0.3
PB05 eS Sn 19 08 39.9 +0.2

PB05 comp=Z,148nm,0.3s 1.81 231 eP Pn 19 08 14.7 -0.4
PB05 IPOC Station P 1.81 231 eP IAML Pn 19 08 43.8

TA02 Huaiquique 1.96 316 eP Pn 19 08 17.7 -0.8
TA02 eS Sn 19 08 38.6 -3.7

TA02 comp=Z,242nm,0.1s 1.96 316 eP Pn 19 08 16.1 -0.8
TA02 Huaiquique 1.96 316 eP Pn 19 08 46.5 -0.4

GO01 Chuzmiza 2.08 347 eP Pn 19 08 18.9 0.0
GO01 Chuzmiza 2.08 347 eP Pn 19 08 18.9 0.0

PB11 IPOC Station P 2.14 335 eP Pn 19 08 19.0 -0.3
PB11 eS Sn 19 08 48.0 0.0

PB11 comp=Z,147nm,0.2s 2.14 335 iP Pn 19 08 18.9 -0.3
PB11 IPOC Station P 2.14 335 iP IAML Pn 19 08 47.9

PB10 IPOC Station P 2.49 223 eP Pn 19 08 23.3 -0.2
PB10 eS Sn 19 08 53.6 -0.6

PB10 comp=N,437nm,0.5s 2.49 223 IAML Pn 19 09 05.7
YJA IPOC Station P 2.98 100 eP Pn 19 08 30.3 0.0

PB14 IPOC Station P 3.31 208 eP Pn 19 08 33.4 -1.0
Pb14 eS Sn 19 08 37.6

SALTA IAML 3.31 140 eP Pn 19 08 25.5 -9.1
SALTA comp=Z,67nm,0.0s IAML Pn 19 09 20.1

PB12 IPOC Station P 3.44 333 eP Pn 19 08 34.7 -1.3
PB12 eS Sn 19 09 15.8 -0.6

PB12 comp=Z,46nm,0.5s 3.44 333 eP Pn 19 08 34.2 -1.8
PB12 IPOC Station P 3.44 347 eP Pn 19 08 37.7 +1.3

PB16 IPOC Station P 3.44 347 eP Pn 19 08 37.9 +1.5
AC02 Maricunga 5.12 184 eP Sn 19 08 57.7 -1.0

AC02 eS Sn 19 10 01.3 +4.2
IDC 18 19:07:46.3.0.9,33'62Sx178.48W,h0km,mb4.1/4,
mmtmp4.1/5,ML3.3/1,Error ellipse: s-maj=33.3km
s-min=30.5km az=87.0

WEL 18 19:07:48.5.0.6,33'51Sx179.3W,h12km,M4,4/9,
M4.8/5,ML4.4/13,MLV4.5/9,Mw(MB)4.1/5,Error ellipse:
s-maj=44.8km s-min=3.9km az=112.2, confirmed
NEIC 18 19:07:49.5.1.7,33'65Sx178.5W,0.2,h10km,1km,
mb4.5/9,Error ellipse: s-maj=30.3km s-min=11.0km
az=134.0

ISC 18 19:07:47.2.0.7,33'13Sx108.178.6W,0.2,h10km,n49,
+f150/60,mb4.4/7, South of Kermadec Islands

Code Station Name Az AZ Phase ID Time Res
GLKZ Green Lake 3.89 8 Op ISC h m s ISC
19 08 44.9 -2.2

WMOZ Waiomatatini S 5.29 207 P S Pn 19 09 31.5 -1.3
WMOZ S Sn 19 09 06.6 +0.5

PKGZ Pakihiroa 5.46 209 P S Sn 19 09 08.8 +0.1
PKGZ S Sn 19 10 11.6 -0.1

HAZ Te Kaha 5.50 212 P S Sn 19 09 10.0 +0.8
HAZ S Sn 19 10 14.3 +1.9

Puketiti 5.57 207 P S Sn 19 09 11.2 +0.9
PUZ S Sn 19 10 12.6 -1.7

RUGZ Raukumara Rang 5.72 211 S Sn 19 10 16.7 -1.3
TWGZ Tauwhareparae 5.77 208 P Pn 19 09 15.1 +2.1

CNGZ Carnagh Statio 5.95 205 P Pn 19 09 16.1 +0.7
CNGZ Matawai 6.09 210 P Pn 19 10 26.3 -0.8

URZ Urewera 6.21 213 Pn Sn 19 09 14.6 -4.4
URZ 4.0nm,0.3s,baz=78,slow=19,SNR=6.0
10.0nm,0.9s Sn 19 10 27.8 -2.2

URZ Urewera 6.21 213 P Pn 19 09 19.2 +0.2
URZ S Pn 19 10 29.0 +1.0

RAWZ Rawiri 6.27 210 P S Pn 19 09 21.2 +0.7
RAGZ S Sn 19 10 29.5 -2.5

RIGZ Rimuhau 6.31 207 P S Pn 19 09 20.7 +0.2
RIGZ S Sn 19 10 31.8 -0.8

SHANNON Shannon Statio 6.55 209 P S Sn 19 09 24.5 +0.9
SHANNON S Sn 19 10 36.0 -2.4

RUATAHUNA Ruatahuna 6.56 212 Pn Sn 19 09 27.1 +1.2
RAHZ Arahui 6.77 210 P S Sn 19 09 27.6 +1.0

1112

comp=Z,1.2nm,0.4s,baz=45,slow=4.5,SNR=14
FINES FINES Array B 147.51 338 PKPbc PKPbc 19 27 30.3 -0.5

MMAI Mount Meron Ar 151.61 279 PKPbc PKPbc 19 27 40.0 +0.5
comp=Z,3.3nm,0.8s,baz=99,slow=6.6,SNR=4.5

BNN Bunnay 151.69 292 PKPbc PKPbc 19 27 36.3 +0.5
HFS Hagfors 151.80 347 PKPbc PKPbc 19 27 44.0 +2.2

AKASA Malin Array Be 153.11 319 PKPbc PKPbc 19 27 45.3 +0.4
comp=Z,2.0nm,0.5s,baz=57,slow=4.3,SNR=2.5

BRTR Keskin Array B 153.36 294 PKPbc PKPbc 19 27 47.0 +1.0
BRTR Keskin Array B 153.36 294 PKPbc PKPbc 19 27 46.4 +0.4

WEL 18 19:11:50.6.0.6,34'Sx17.8W,h10km,mb5.6/18,
ML5.3/25,MLV5.5/24,Mw(MB)5.1/18,Error ellipse:
s-maj=12.1km s-min=3.3km az=113.6, confirmed
IDC 18 19:11:51.2.0.4,33'53Sx178.17W,h0km,mb4.7/20,
mmtmp4.7/22,ML4.3/2,MS4.2/10,Error ellipse:
s-maj=16.0km s-min=14.4km az=107.0

NEIC 18 19:11:52.2.6.3,33'41Sx178.0W,0.1,h10km,1km,
mb5.3/146,Error ellipse: s-maj=17.5km s-min=4.2km
az=91.0

MOS 18 19:11:52.2.1.4,33'55Sx178.24W,h11km,mb5.5/17,
Error ellipse: s-maj=12.9km s-min=10.9km az=99.9
NOU 18 19:12:24.2,35'99Sx178.88W,h101km,MLV5.1/11,East
of North Island, N.Z.

ISC 18 19:11:51.2.1.7,33'56Sx104.178.06W,0.05,h6km,9km,
mb5.3/129,MS4.3/10,7C-17D, South of Kermadec Islands

Code Station Name Az AZ Phase ID Time Res
GLKZ Green Lake 4.28 2 Op ISC h m s ISC
19 12 54.2 -2.7

RAOL Raoul Island 4.29 2 Pn Sn 19 13 41.8 -5.4
138nm,0.3s,baz=198,slow=20,SNR=6.6

RAO 482nm,0.3s,baz=217,slow=20,SNR=7.9 Sn Sn 19 13 44.6 -3.0
RAO 482nm,18.5s,baz=146,slow=40 LR LR 19 14 40.5

RAO Raoul Island 4.29 2 Pn Sn 19 12 54.6 -2.5
RAO S Sn 19 13 44.6 -3.0

MXZ Matakaoa Point 4.98 216 P Sn 19 13 06.3 -0.2
MXZ Matakaoa Point 4.98 216 Pn Sn 19 13 07.7 -0.7

MXZ Matakaoa Point 4.98 216 P Sn 19 13 04.2 -2.2
MXZ S Sn 19 14 02.4 -2.0

WMGZ Waiomatatini S 5.13 213 P S Sn 19 13 06.3 -2.4
WMGZ S Sn 19 14 06.8 -1.3

Pakihiroa 5.33 215 P S Sn 19 13 10.6 -0.7
PKGZ S Sn 19 14 11.7 -1.3

Te Kahi 5.39 218 P S Sn 19 13 11.9 -0.3
HAZ S Sn 19 14 15.5 +1.0

PUZ Puketiti 5.41 213 P S Sn 19 13 11.0 -1.5
PUZ S Sn 19 14 12.3 -2.8

RUGZ Raukumara Rang 5.60 217 P S Sn 19 13 14.9 -0.3
TWGZ S Sn 19 14 19.5 -0.4

Tauwhareparae 5.62 214 P S Sn 19 14 19.6 -0.7
TWGZ S Sn 19 14 19.6 -0.7

CNGZ Carnagh Statio 5.77 211 P S Sn 19 13 16.0 -1.5
CNGZ S Sn 19 14 17.3 -6.8

TKGZ Te Karaka 5.89 213 P S Sn 19 13 17.6 -1.5
TKGZ S Sn 19 14 17.3 -6.8

MYRZ Mayor Island 5.96 230 P Pn 19 13 22.8 +2.8
MWZ Matawai 5.96 216 P Sn 19 13 18.6 -1.5

GRZ Great Barrier 5.97 241 P Pn 19 13 22.1 +2.0
URZ Urewera 6.12 218 P Sn 19 13 20.1 -2.0

URZ 32nm,0.3s,baz=0.0,slow=20,SNR=11.2 Sn Sn 19 14 29.7 -2.7
69nm,0.3s Pn 19 13 20.8 -1.3

URZ Urewera 6.12 218 P Pn 19 13 20.8 -1.3
URZ S Sn 19 14 28.9 -3.5

OHINEPANA Ohinepanea 6.12 224 P S Sn 19 13 22.1 -0.2
OPRZ S Sn 19 14 30.9 -1.8

RAWZ Rawiri 6.14 215 P S Sn 19 13 21.2 -2.0
RIGZ S Sn 19 14 31.2 -2.0

RIMUHAU Rimuhau 6.15 212 P S Sn 19 13 21.3 -1.4
RIGZ S Sn 19 14 31.2 -2.2

MARZ Manawahe 6.15 223 P Pn 19 13 25.7 +3.1
MARZ S Sn 19 14 32.5 -1.0

EDGECUMBE Edgecumbe 6.20 221 S Sn 19 13 24.2 -2.6
TGRZ Tauranga 6.22 226 P Pn 19 13 24.9 +1.3

PRGZ Paruru Road 6.28 210 P Pn 19 13 23.0 -1.4
PRGZ S Sn 19 14 31.1 -5.4

SHANNON Shannon Statio 6.41 214 P S Sn 19 13 25.0 -1.1
SHANNON S Sn 19 14 36.8 -0.9

OMARZ Omania 6.41 223 P Pn 19 13 26.0 -0.5
TARZ Mount Tarawera 6.42 222 P Pn 19 13 28.0 +0.5

KARZ Kaharoa 6.42 224 P Pn 19 13 28.3 +1.9
RTZ Ruatahuna 6.45 217 P Sn 19 13 25.9 -0.9

RTZ S Sn 19 14 37.2 -3.6
KOKOHIU Kokohiu 6.45 211 P S Sn 19 13 24.2 -2.6

KNZ S Sn 19 14 36.1 -4.5
MUGZ Murupara 6.46 219 P Pn 19 13 25.1 -1.7

MUGZ S Sn 19 14 36.2 -4.6
KMRZ Kaimai 6.49 227 P Pn 19 13 28.2 +0.8

RRRZ Republican Roa 6.49 221 P Pn 19 13 28.0 +0.7
RRRZ S Sn 19 14 01.4 +2.3

HSRZ Hossack Road 6.62 223 P Pn 19 13 19.3 +2.8
RAHZ Aarahi 6.63 215 P Pn 19 13 29.0 -0.2

RAHZ S Sn 19 14 42.1 -3.2
HRRZ Handcock Road 6.66 222 P Pn 19 13 33.5 +3.9

WCZ Waipu Caves 6.65 247 P Pn 19 13 31.3 +1.3
WAZ Waianga Road 6.70 221 P Pn 19 13 34.7 +0.5

MTHZ Maungataniwha 6.70 217 P Pn 19 13 29.7 -0.6
MTHZ S Sn 19 14 44.2 -0.9

MATEA Rd 6.91 219 P Pn 19 13 32.8 -2.2
MRHZ S Sn 19 14 47.5 -4.4

NAUMAI Naumai 6.91 215 S Sn 19 13 32.0 -0.6
NMHZ S Sn 19 14 39.1 -3.0

ARHOA Arohaonui 6.95 214 P Pn 19 13 32.6 -1.0
TLZ Tolopoua 7.05 226 P Pn 19 13 37.7 +2.7

OUZ Omahuta 7.10 254 P Pn 19 13 39.2 +3.6
OUZ S Sn 19 13 39.9 -1.0

BLKZ Black Stump Fm 7.12 217 P Pn 19 13 44.2 +2.5
BLKZ S Sn 19 13 45.3 +0.9

MCHZ McNeill Hill 7.24 214 P Pn 19 13 36.5 -1.1
KWHZ Kaweka Forest 7.35 216 P Pn 19 13 38.7 -0.4

KAHZ Kahurangi 7.44 212 P Pn 19 13 37.2 -3.1
TMVZ Te Maari 7.49 220 P Pn 19 13 40.8 -0.3

NTVZ North Tongariri 7.49 221 P Pn 19 13 41.2 0.0
ETVZ East Tongariri 7.50 220 P Pn 19 13 41.4 +0.2

OTVZ Otutere 7.54 220 P Pn 19 13 41.1 -0.8
KRHZ Kereru 7.55 215 P Pn 19 13 40.4 +1.5

HIZ Haurangi 7.58 227 P Pn 19 13 46.0 -3.8
BHYZ Black Hill Sta 7.58 217 P Pn 19 13 40.6 -1.6

CHALZ Chateau Observ 7.64 221 P Pn 19 13 44.4 +1.2
PKZ Pukeruaia 7.64 217 P Pn 19 13 41.2 -0.3

FWVZ Far West T-bar 7.67 220 P Pn 19 13 44.9 +1.1
WHVZ Wanganui Hut 7.67 220 P Pn 19 13 43.3 -0.4

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like CTZ Chatham Island, NNZ Nelson, and WRA Warramunga Arr.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like WB0 Warramunga Arr, SBA Scott Base, and VWA Vanda.

Table with columns: Call Sign, Location, Frequency, Power, Mode, and other technical details. Includes stations like NJ2 Nanjing, PFO Pinyon Flats O, and WJ0A Wiamia.

18d 19h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like BELA, MAW, MAJ, etc.

2020 JUN

Table with columns for station name, frequency, mode, and signal strength. Includes stations like DL2, TPNV, TUC, etc.

1116

Table with columns for station name, frequency, mode, and signal strength. Includes stations like KIV, SHAI, LPSR, etc.

Table with columns: CLL, Collm, 160.17 338, ePKPab, PKPab, 19 54 53.2, -1.1, etc. Lists various stations and their coordinates.

Table with columns: KURBE, Kurchatov Arra, 57.72 327, P, P, 19 47 12.4, +0.1, etc. Lists stations and their coordinates.

Table with columns: ILAR, Eielson Array, 91.05 16, P, P, 20 02 14.7, +1.6, etc. Lists stations and their coordinates.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station codes and names.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station codes and names.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, etc. Lists station codes and names.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MARE, Loyalty, SARAOUITO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TPGR, Topolog, ONER, Baraj Valea Uz, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NIED, 18:20:30:58.0, 24:93N, etc.

IDC 1821:44:47.2.3, 32.73S:178.27W, h0km, mb3.5/2, mbtmp3.6/3, ML3.3/1, Error ellipse: s-maj=75.9km s-min=37.9km az=116.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include URZ Urewera, ASAR Alice Springs, WRA Warramunga Arr, and FINES FINES Array B.

IDC 1821:49:43.7.1.9, 33.46S:177.90W, h0km, mb4.1/3, mbtmp4.1/4, ML3.3/1, Error ellipse: s-maj=46.1km s-min=38.6km az=62.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include URZ Urewera, ASAR Alice Springs, WRA Warramunga Arr, and GSPA South Pole Qui.

NOU 1822:03:11.2, 32.76S:175.54W, h56km, mb4.8/10, South of Kermadec Islands

IDC 1822:03:28.7.0.9, 33.05S:177.72W, h0km, mb4.3/7, mbtmp4.3/8, ML4.9/1, MS3.3/3, Error ellipse: s-maj=30.9km s-min=20.9km az=57.0

WEL 1822:03:30.9.0.7, 33.57S:177.90W, h12km, M5.2/14, m5.2/6, ML5.3/16, ML6.7/14, MWM(B)4.5/6, Error ellipse: s-maj=24.1km s-min=3.1km az=112.0 confirmed

ISC 1822:32:29.8.0.7, 33.23S:177.77W, h0.1, h10km, n71, az=298/82, mb4.3/9, 1C-4D, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include GLKZ Green Lake, RAO Raoul Island, and RAO Raoul Island.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include RAO Raoul Island, RAO Raoul Island, MXZ Matakaoa Point, and WMGZ Waioamatatini S.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include URZ Urewera, URZ Urewera, WAZ Waipua Caves, and NMHZ Naumai.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ARHZ Aroapanui, ARHZ Omahuta, OUZ Omahuta, and BKZ Black Stump Fm.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MCHZ Cape Kidnapper, MCHZ McNeill Hill, RITZ Rihia Road, and KWHZ Kaweka Forest.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include KATZ Kakaramea, KAHZ Kahurangi, KAHZ Kahurangi, and TMVZ Te Maari.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include TMVZ East Tongariro, KTVZ Kereru, KRHZ Kereru, and OTVZ Oturere.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include HIZ Hauti, NGZ Ngauruhoe, TUZV Tukino, and PKVZ Pawanui.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WHVZ Whangaeu Hut, MOVZ Moawhango, MOVZ Moawhango, and MAVZ Matarangi.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WNVZ Wahianoa, WNVZ Wahianoa, MTVZ Mangateitei, and PNHZ Pukenui.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WPHZ Waipukurau, PRHZ Porangahau, PRHZ Porangahau, and TSZ Takapari Road.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ANWZ Angora Road, BFZ Birch Farm, BFZ Birch Farm, and PRWZ Porirua Road.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include SNZQ South Karori, SNZQ Quartz Range, KHZ Kahurangi, and RPZ Rata Peaks.

Table with columns: SNAA Sanae, VNA3 Neumayer Olymp, VNA2 Neumayer Olymp, VNA2 Neumayer-Watz, PETK Petropavlovsk, KURBB Kurchatov Arra, FINES FINES Array B, NOB NORARS Subarray1, NOA NORARS Array B, MMAI Mount Meron Arr, and DBIC Dimbokro.

IDC 1822:13:31.5.1.4, 33.18S:178.50W, h0km, mb4.2/4, mbtmp4.2/5, ML4.1/1, Error ellipse: s-maj=35.8km s-min=31.0km az=98.0

ISC 1822:13:36.4.1, 4.332S:0.1x178.50W, h2, h32km, n8, az=37/37, mb4.0/4, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include URZ Urewera, URZ Urewera, CTA Charters Tower, and ASAR Alice Springs.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WRA Warramunga Arr, GSPA South Pole Qui, and BVAR Borovoye Array.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include FINES FINES Array B, MMAI Mount Meron Arr, and IDC 1822:23:19.0.1.7.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include WEL 1822:19.2.1.0, HHC Hu-ho-hao-te, and HHC Hu-ho-hao-te.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include GLKZ Green Lake, GLKZ Green Lake, MXZ Matakaoa Point, and WMGZ Waioamatatini S.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PKGZ Pakihiroa, HAZ Te Kaha, HAZ Te Kaha, and PUZ Puketiti.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include RUGZ Raukumarang, RUGZ Raukumarang, TWGZ Tauwhareparea, and MWZ Matawai.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include URZ Urewera, URZ Urewera, URZ Urewera, and RIGZ Rimuhau.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include RIGZ Rimuhau, RIGZ Rimuhau, OZM Omahuta, and OZM Omahuta.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ASAR Alice Springs, WRA Warramunga Arr, and RPN Rapa Nui.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include MKAR Makanchi Array, KURBB Kurchatov Arra, BVAR Borovoye Array, and FINES FINES Array B.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include NACIM Naroa, BUJ 1822:25:07.9.24, IDC 1822:25:12.4.0.6, and NEIC 1822:25:12.4.1.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include JMA 1822:25:12.8.0.1, JMA Felt III, NIED 1822:25:12.8.24, and JOGS Gusukube.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include JOGS Gusukube, JMJ2 Miyako jima3, JMJ2 Miyako jima2, JMJ Miyako jima2, and JIRJ Irabujima.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include JIRJ Irabujima, JIKM Ikemajima, JIKM Ikemajima, and JIKM Ikemajima.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include JIKM Ikemajima, JIKM Ikemajima, JIKM Ikemajima, and JIKM Ikemajima.

Table with columns: JTIJ Ishigakijima, JISG Ishigakijima, JISG Ishigakijima, JIJU Ishigaki jima, and JJKRS Kuro-shima.

Table with columns: IRIF Iriomote-Fanau, HATJ Hateruma jima, YONJY Yonaguni jima, YONJY Yonaguni jima, and JOW Kunigami.

Table with columns: JOW Kunigami, JOW Kunigami, NACB Ninganchiao, NACB Ninganchiao, NACB Ninganchiao, and TATO Taipei.

Table with columns: TATO Taipei, YHNB Yeheng, YHNB Yeheng, YHNB Yeheng, YHNB Yeheng, and YHNB Yeheng.

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Table with columns: YHNB Yeheng, YHNB Yeheng, YHNB Yeheng, YHNB Yeheng, YHNB Yeheng, and YHNB Yeheng.

Table with columns: Station Name, Elevation, Date, Time, Azimuth, Azimuth Error, Station Name, Elevation, Date, Time, Azimuth, Azimuth Error. Includes stations like ABKAR Alkutak array, ARTI Arti, UNV Unataska Valle, TNA Tin City, M11K Mekoryuk, STKA Stephens Creek, F14K Arctic Creek, ANM Nome, K13K Kusilvak Mount, FALS False Pass, F15K North Star Dit, M13K Dall Lake, C16K Lisburne Hills, G15K Niukuk, L14K Kukka Creek, M14K Bethel, D17K Noatak River, H16K Elim, G16K Koyuk River, C17K Delong Mount, L15K Ungalak Mount, K15K Wolf Creek Mou, O14K Tigyakuiwet M, E17K Hotham Inlet, M15K Kasigluk River, F17K Baldwin Pennin, I17K Unalakleet, J16K Anvik River, SDPT Sand Point, G17K Kiwalik Mount, C18K Utukok River, N15K Kwethluk River, E18K Tukpahleark C, I18K Tukpahleark C, O15K Ungalikthiuk R, H17K Granite Mounta, L16K Owhat River, F18K Selawik, CHNA Chernabura Isl, J17K VABM Dome, J17K VABM Dome, M19K Timber Creek, C16K Lookout Ridge, N16K Nishlik Lake, G18K Tagagawik, G18K Tagagawik, K19V Kirov, H18K Honhosa River, L17K Iditarod, L17K Donlin, F19K Shaleruckik Mo, F19K Shaleruckik Mo, M17K Holitna River, G19K Purcell Mounta, N17K Nushak Hills, B20K Meade River, B20K Meade River, O17K Koliganek Bris, L18K Granite Mounta, H19K Roundabout Mou, H19K Roundabout Mou, A21K Barrow, E20K Nigu River, F20K Avaraat Lake, F20K Avaraat Lake, J19K Poorman, J19K Poorman, J19K Poorman, M18K Stony River, N18K Kilae Creek, Q17K Contact Creek, A22K Sinclair Lake, C21K Knifeflade Rd, H20K Anotleneega Mo, B21K Ipkipuk River, B21K Ipkipuk River, L19K White Mountain, I20K Naaghedeneel, CHIR Chirikof Islan, E21K Killik River, E21K Killik River, J20K Nowinta River, J20K Nowinta River.

Table with columns: Station Name, Elevation, Date, Time, Azimuth, Azimuth Error, Station Name, Elevation, Date, Time, Azimuth, Azimuth Error. Includes stations like J20K Nowinta River, N19K Bonanza Creek, K20K Telida, K20K Telida, IMAR Indian Mountai, B22K Teshekpuk Lake, B22K Teshekpuk Lake, F21K Alatina River, F21K Alatina River, F21K Alatina River, G21K Alalakset, H21K Melozitna Rive, H21K Melozitna Rive, M20K Styx River, SII Sitkinak Islan, F22K John River, Q19K Cape Douglas, E22K Anaktuvuk Pass, CHUM Lake Minchumin, I21K Tanana, I21K Tanana, G22K Bettles, CAST Castle Rocks, CAST Castle Rocks, PPLA Purkeypile, H22K Ishitalina Cre, H22K Ishitalina Cre, C23K Itlikil River, C23K Itlikil River, D23K Nanushuk River, D23K Nanushuk River, KDAK Kodiak Island, SKT Skwentna, MLY Manley, MLY Manley, COLD Coldfoot, TOLK Tookik Lake Re, G23K Bananza Creek, G23K Bananza Creek, E23K Chandalar, E23K Chandalar, L22K Petersville, C24K Franklin Bluff, D24K Happy Valley, H23K Yukon River, CUT Chulitna, I23K Minto, Yukon-K, I23K Minto, Yukon-K, I23K Minto, Yukon-K, E24K Four Creek, E24K Your Creek, BRSE Bradley Lake S, NEA2 Nenana, NEA2 Nenana, F24K Squaw Lake, F24K Squaw Lake, MCK McKinley, RND Reindeer, H24K Noodor Dome, H24K Noodor Dome, G24K Hadweencz Riv, G24K Hadweencz Riv, G24K Hadweencz Riv, D25K Kavik River, D25K Kavik River, WAT1 Susitna Watana, CCB Clear Creek Bu, SML Sawmill, KNK Knik Glacier, C26K Camden Bay, E25K Arctic Village, E25K Arctic Village, IL31 Eielson Array, ILAR Eielson Array, ILAR Eielson Array, G25K Bearman Lake, HDA Harding Lake, F25K Christian River, F25K Christian River, DHY Denali Highway, C27K Jago River, C27K Jago River, PRP Porcupine Dome, PRP Porcupine Dome, GLI Glacier Island, F26K Sheenjek River, F26K Sheenjek River, K24K Donnelly Dome, J25K Salcha River, J25K Salcha River.

Table with columns: Station Name, Elevation, Date, Time, Azimuth, Azimuth Error, Station Name, Elevation, Date, Time, Azimuth, Azimuth Error. Includes stations like J25K Salcha River, M24K Tolsona, G26K Porcupine Rive, G26K Porcupine Rive, PAX Paxson, KLU Klutina, RIDG Independent Ri, KBZ Khabaz, Q23K Middleton Isla, KIV Kislovodsk, KIV Kislovodsk, EYAK Cordova Ski Ar, SCRK Sand Creek, SCRK Sand Creek, SCRK Sand Creek, D27M Malcolm River, D27M Malcolm River, D27M Malcolm River, E27K Coleen River, E27K Coleen River, E27K Coleen River, G27K Doyon Strip, G27K Doyon Strip, L26K Log Cabin Wild, H27K Steamboat Moun, H27K Steamboat Moun, I27K Kandik River, I27K Kandik River, I27K Kandik River, E28M Babbage River, E28M Babbage River, M26K Nabesna, AK, D28M Stokes Point, F28M Old Crow, MCARA McCarthy VSAT, M27K Edge Creek, AK, E29M Blow River, E29M Blow River, I28M Miner Creek, I28M Miner Creek, I28M Miner Creek, SPITS Spitsbergen Ar, SPITS Spitsbergen Ar, G29M Pine Creek, G29M Pine Creek, G29M Pine Creek, H29M Whitestone, DAWY Dawson, I29M Ogilvie Camp, YUK3 Moose Creek, ARCES ARCESS Array B, F30M Barrier River, F30M Barrier River, F30M Barrier River, EPYK Eagle Plains, G30M tAoh Zraii Nji, G30M tAoh Zraii Nji, G30M tAoh Zraii Nji, KOPT Kop Dag, KOPT Kop Dag, PINM Pinnacle, L29M L29M, L29M L29M, L29M L29M, K29M Barlow Dome, K29M Barlow Dome, K29M Barlow Dome, M29M Somme Creek, M29M Somme Creek, I30M Mount Dempster, I30M Mount Dempster, BRWY Burwash Landin, INK Inuvik, INK Inuvik, J30M Hart River, G31M Gatah River, F31M Tsiigehtich, YUK6 Outpost Mounta, O29M Mount Kennedy, H31M Peel River, M30M Minto, Yukon, M30M Minto, Yukon, M30M Minto, Yukon, N30M Aishkik Lake, HYT Haines Juncto, P29M Windy Cragto, A36M Sachs Harbour, A36M Sachs Harbour, A36M Sachs Harbour, N31M Braeburn, Yuko, O30N Mendenthal, FINES FINES Array B, FINES FINES Array B.

IDC 18 23:16:44.0.1.1, 33:33S, 178:18W, h0km, mb4.2/3, mbtmp4.1/5, ML3.3/2, Error ellipse: s-maj=34.3km s-min=25.8km az=113.0.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Green Lake, Raoul Island, Matakaoa Point, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Urewera, Rimuhau, Paritu Road, Shannon Statio, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Alice Springs, Warramunga Arr, South Pole Qui, etc.

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

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

IDC 18 23:30:52.8.2.3, 33:20S, 178:46W, h0km, mb4.0/2, mbtmp4.0/3, ML3.8/1, Error ellipse: s-maj=67.6km s-min=39.7km az=141.0, South of Kermadec Islands

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

SCB 18 23:42:12.6.1.1, 21:73S, 64:64W, h552km, 17km, ML4.2/1, Error ellipse: s-maj=14.4km s-min=6.9km az=1.0, Southern Bolivia

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Mochara, IPOC Station P, Chuzmiza, etc.

IDC 18 23:57:29.6.3.5, 33:31S, 177:71W, h0km, mb3.5/2, mbtmp3.6/3, ML3.4/1, MS3.1/1, Error ellipse: s-maj=82.2km s-min=37.8km az=121.0.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Green Lake, Raoul Island, Matakaoa Point, etc.

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

IDC 19 00:05:48.8.5.5, 16:24S, 171:49W, h0km, mb3.8/2, mbtmp3.8/2, Error ellipse: s-maj=407.5km s-min=66.5km az=142.0, Samoa Islands region

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

IDC 19 00:07:36.5.3.1, 33:53S, 178:97W, h0km, mb3.5/2, mbtmp3.6/3, ML3.2/1, MS3.3/1, Error ellipse: s-maj=72.2km s-min=36.8km az=114.0, South of Kermadec Islands

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

ASAR Alice Springs 42.76 270 P P 00 18 26.7 0.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Warramunga Arr, FINESS Array B, etc.

IDC 19 00:13:01.8.10.0, 23:41S, 68:16W, h79km, 80km, mb3.5/4, mbtmp3.9/4, ML3.8/1, Error ellipse: s-maj=108.7km s-min=35.8km az=15.0.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Pedro de A, IPOC Station P, etc.

IDC 19 00:13:06.1.0.8, 22:97S, 68:39W, h116km, 4km, ML1.1/1, Error ellipse: s-maj=108.7km s-min=35.8km az=15.0.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Pedro de A, IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Pedro de A, IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Pedro de A, IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Pedro de A, IPOC Station P, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like San Pedro de A, IPOC Station P, etc.

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

Table with columns: Station, Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like TDK, SONA, GUNA, KUDL, etc.

Table with columns: Station, Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like CHM, MTSU, KBL, QIS, GIRL, SHAA, etc.

Table with columns: Station, Name, Frequency, Mode, Power, Azimuth, Elevation, etc. Includes stations like C18K, M15K, J16K, etc.

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Table with multiple columns: Station ID, Name, Frequency, Power, Mode, and various signal quality metrics (e.g., SNR, S/N, BER, etc.). The table lists numerous stations across different regions, including Alaska and the Yukon.

ARPR	comp=Z,35nm,1.5s	IAMB	IAMB	00 37 56.4	AKASG	Main Array Be	73.72 319	i	P	00 38 08.5 -1.0	WRGLY	Wrigley	77.78 25	P	P	00 38 32.1 -0.4	
YUK3	Moose Creek	71.20 30	P	P	00 37 53.9 -0.7	AKASG	comp=Z,11nm,0.9s		P	pmax		T35M	Bob Quinn	77.85 33	P	P	00 38 31.9 -1.2
F30M	Barrier River	71.25 23	P	P	00 37 54.7 +0.2	AKKB	Main Array Si	73.72 319	P	P	00 38 08.2 -1.3	NEEM	North Greenlan	77.85 359	i	P	00 38 32.9 -0.2
F30M	Barrier River	71.25 23	P	P	00 37 53.9 -0.6	AKKB	Main Array Si	73.72 319	i	P	00 38 07.6 -1.9	NEEM	North Greenlan	77.85 359	i	P	00 38 32.9 -0.2
G30M	Aoh Zraii Nji	71.30 24	P	P	00 37 54.7 -0.2	AK01	Main Array Si	73.73 319	P	P	00 38 08.2 -1.4	V35K	Ketchikan	77.90 34	P	P	00 38 32.7 -0.6
G30M	Aoh Zraii Nji	71.30 24	P	P	00 37 53.8 -1.1	KIEV	Kiev	73.73 319	i	P	00 38 08.6 -1.0	HFS	Hafers	77.96 331	P	P	00 38 33.0 -0.6
EPYK	Eagle Plains	71.31 25	P	P	00 37 54.8 -0.2	KIEV	Kiev	73.73 319	i	P	00 38 08.6 -1.0	HFS	comp=Z,9.2nm,0.8s,baz=64,slo=38		LR	LR	01 16 11.9
EPYK	Eagle Plains	71.31 25	P	P	00 37 54.4 -0.6	KIEV	Kiev	73.73 319	i	P	00 38 08.5 -1.1	KWP	Kalwaria Pacla	78.01 319	eP	P	00 38 33.4 -0.7
Y28M	Mount Upton	71.63 31	P	P	00 37 56.2 -1.2	AK10	Main Array Si	73.74 319	P	P	00 38 08.8 -0.8	KWP	Kalwaria Pacla	78.01 319	eP	P	00 38 33.4 -0.7
OK8M	Steele Glacier	71.67 30	P	P	00 37 57.7 -0.8	M31M	Drury Creek, Y	73.75 29	P	P	00 38 09.0 -0.6	RAZG	Razgrad	78.02 312	i	P	00 38 34.2 -0.1
INIK	Inuvik	71.80 22	LR	LR	01 12 37.3	M31M	Drury Creek, Y	73.75 29	P	P	00 38 08.8 -0.8	BEL	Belsk	78.19 322	eP	P	00 38 34.4 -0.6
INIK	comp=Z,636nm,19.3s,baz=267,slo=38	71.80 22	LR	LR	01 12 37.3	AK06	Main Array Si	73.77 319	P	P	00 38 08.9 -0.9	ELL	Elmali	78.22 305	IAMB	IAMB	00 38 33.7 -1.9
INIK	Inuvik	71.80 22	P	P	00 37 57.6 -0.2	PLBC	Pleasant Camp	73.88 32	P	P	00 38 09.4 -0.9	ELL	comp=Z,39nm,1.2s	78.22 305	P	P	00 38 33.7 -1.9
INIK	Inuvik	71.80 22	P	P	00 37 57.6 -0.2	WHY	Whitehorse	74.12 30	P	P	00 38 13.4 +1.5	ELL	Elmali	78.22 305	P	P	00 38 33.7 -1.9
INIK	comp=Z,21nm,1.5s	71.80 22	P	P	00 37 57.0 -0.8	WHY	Whitehorse	74.12 30	P	P	00 38 11.1 -0.8	ELL	comp=Z,39nm,1.2s	78.22 305	P	P	00 38 33.7 -1.9
INIK	Inuvik	71.80 22	P	P	00 37 57.0 -0.8	SKAG	Skagway	74.37 31	P	P	00 38 12.3 -0.8	DBG	Daneborg	78.26 351	i	P	00 38 33.6 -1.4
L29M	L29M	71.81 28	P	P	00 37 57.5 -0.6	KIRS	Kireshir-Merke	74.41 306	i	P	00 38 13.0 -0.9	DBG	DBG	78.26 351	i	P	00 38 33.6 -1.4
L29M	L29M	71.81 28	P	P	00 37 57.5 -0.6	BAL3X	Bal3x, Balta	74.41 316	P	P	00 38 12.7 -0.9	DBG	DBG	78.26 351	i	P	00 38 33.6 -1.4
L29M	comp=Z,21nm,1.2s	71.81 28	P	P	00 37 57.2 -0.9	BR131	keskin Array S	74.42 307	i	P	00 38 11.6 -2.5	NC405	NORSAR Array S	78.32 333	IAMB	IAMB	00 38 34.8 -0.8
L29M	baz=289,SNR=9.6	71.81 28	P	P	00 37 57.2 -0.9	BR131	keskin Array S	74.42 307	i	P	00 38 15.5	NC405	NC405	78.32 333	IAMB	IAMB	00 38 34.8 -0.8
PINM	Pinnacle	71.81 32	P	P	00 37 57.1 -1.0	BR131	keskin Array S	74.42 307	i	P	00 38 13.6 -0.4	NC303	NORSAR Array S	78.41 333	P	P	00 38 34.9 -1.1
K29M	Barlow Dome	71.83 27	P	P	00 37 58.1 -0.1	BRTR	comp=Z,6.8nm,0.9s,baz=104,slo=4.0,SNR=33		LR	LR	01 16 07.0	NC303	NC303	78.41 333	P	P	00 39 05.5
K29M	Barlow Dome	71.83 27	P	P	00 38 54.1	BRTR	comp=Z,151nm,19.7s,baz=26,slo=40		LR	LR		US5K	Hyder	78.44 33	P	P	00 38 35.6 -0.7
K29M	comp=Z,24nm,1.8s	71.83 27	P	P	00 37 57.4 -0.8	BRTR	keskin Array B	74.42 307	i	P	00 38 12.5 -1.5	NB201	NORSAR Array S	78.53 333	IAMB	IAMB	00 38 35.5 -1.3
K29M	baz=289,SNR=5.5	71.83 27	P	P	00 37 57.4 -0.9	BRTR	keskin Array B	74.42 307	i	P	00 38 13.6 -0.4	NB201	NB201	78.53 333	IAMB	IAMB	00 38 35.5 -1.3
I30M	Mount Dempster	71.83 26	P	P	00 37 56.9 -1.3	BRTR	comp=Z,9.0nm,1.0s		P	P	00 38 13.6 -0.4	NB2	NORSAR Subarra	78.57 333	P	P	00 38 35.7 -1.3
I30M	Mount Dempster	71.83 26	P	P	00 37 57.4 -0.9	BRTR	comp=Z,105nm,1.3s		P	P	00 38 13.6 -0.5	NB2	NORSAR Subarra	78.57 333	P	P	00 38 35.7 -1.3
NOR	Nord	71.86 354	i	P	00 37 57.7 -0.3	BRTR	comp=Z,122nm,1.2s		P	P	00 38 14.0 -0.1	NB2	NORSAR Subarra	78.57 333	P	P	00 38 35.7 -1.3
NOR	Nord	71.86 354	i	P	00 37 57.7 -0.3	BRTR	comp=Z,137nm,1.4s		P	P	00 38 12.9 -0.6	NOA	NORSAR Array B	78.57 333	P	P	00 38 36.0 -1.0
NOA	comp=Z,24nm,1.3s	71.88 330	P	P	00 37 58.0 -0.4	C36M	Paulatuk	74.46 20	P	P	00 38 12.9 -0.6	NOA	NOA	78.57 333	P	P	00 38 36.0 -1.0
M29M	Somme Creek	71.88 29	P	P	00 37 58.5 -0.1	S31K	Paulatuk	74.46 20	P	P	00 38 13.4 -0.5	NOA	comp=Z,750nm,18.0s,baz=70,slo=38		LR	LR	01 17 01.5
M29M	Somme Creek	71.88 29	P	P	00 37 58.0 -0.6	S31K	Paulatuk	74.46 20	P	P	00 38 13.4 -0.5	NOA	comp=Z,39nm,1.0s		LR	LR	01 17 01.5
M29M	baz=289	71.88 29	P	P	00 37 58.0 -0.6	S31K	Paulatuk	74.46 20	P	P	00 38 13.4 -0.5	NOA	comp=Z,39nm,1.0s		LR	LR	01 17 01.5
FINES	FINES Array B	71.88 330	P	P	00 37 58.1 -0.3	S31K	Paulatuk	74.46 20	P	P	00 38 13.4 -0.5	NOA	comp=Z,39nm,1.0s		LR	LR	01 17 01.5
FINES	comp=Z,13nm,0.8s,baz=84,slo=7.9,SNR=33	71.88 330	P	P	00 37 58.1 -0.3	S31K	Paulatuk	74.46 20	P	P	00 38 13.4 -0.5	NOA	comp=Z,39nm,1.0s		LR	LR	01 17 01.5
FINES	comp=Z,1um,18.6s,baz=76,slo=38	71.88 330	P	P	00 37 58.1 -0.3	S31K	Paulatuk	74.46 20	P	P	00 38 13.4 -0.5	NOA	comp=Z,39nm,1.0s		LR	LR	01 17 01.5
FINES	comp=Z,13nm,0.8s	71.88 330	P	P	00 37 58.1 -0.3	S31K	Paulatuk	74.46 20	P	P	00 38 13.4 -0.5	NOA	comp=Z,39nm,1.0s		LR	LR	01 17 01.5
FINES	FINES Array B	71.88 330	P	P	00 37 57.5 -0.9	S31K	Paulatuk	74.46 20	P	P	00 38 13.4 -0.5	NOA	comp=Z,39nm,1.0s		LR	LR	01 17 01.5
BRWY	Burwash Landin	71.97 30	P	P	00 37 58.4 -0.6	S31K	Paulatuk	74.46 20	P	P	00 38 13.4 -0.5	NOA	comp=Z,39nm,1.0s		LR	LR	01 17 01.5
G31M	Satah River	72.04 24	P	P	00 37 58.7 -0.5	S31K	Paulatuk	74.46 20	P	P	00 38 13.4 -0.5	NOA	comp=Z,39nm,1.0s		LR	LR	01 17 01.5
G31M	Satah River	72.04 24	P	P	00 37 58.7 -0.5	S31K	Paulatuk	74.46 20	P	P	00 38 13.4 -0.5	NOA	comp=Z,39nm,1.0s		LR	LR	01 17 01.5
F31M	Tsighehtich	72.04 23	P	P	00 37 58.9 -0.3	S31K	Paulatuk	74.46 20	P	P	00 38 13.4 -0.5	NOA	comp=Z,39nm,1.0s		LR	LR	01 17 01.5
F31M	Tsighehtich	72.04 23	P	P	00 37 58.9 -0.3	S31K	Paulatuk	74.46 20	P	P	00 38 13.4 -0.5	NOA	comp=Z,39nm,1.0s		LR	LR	01 17 01.5
J30M	Hart River	72.07 27	P	P	00 37 59.3 -0.4	S31K	Paulatuk	74.46 20	P	P	00 38 13.4 -0.5	NOA	comp=Z,39nm,1.0s		LR	LR	01 17 01.5
J30M	Hart River	72.07 27	P	P	00 37 59.3 -0.4	S31K	Paulatuk	74.46 20	P	P	00 38 13.4 -0.5	NOA	comp=Z,39nm,1.0s		LR	LR	01 17 01.5
TOKA	Tokat	72.16 307	P	P	00 37 59.1 -1.4	S31K	Paulatuk	74.46 20	P	P	00 38 13.4 -0.5	NOA	comp=Z,39nm,1.0s		LR	LR	01 17 01.5
TOKA	Tokat	72.16 307	P	P	00 37 59.1 -1.4	S31K	Paulatuk	74.46 20	P	P	00 38 13.4 -0.5	NOA	comp=Z,39nm,1.0s		LR	LR	01 17 01.5
YUK4	Talbot Arm	72.16 30	P	P	00 37 59.6 -0.7	S31K	Paulatuk	74.46 20	P	P	00 38 13.4 -0.5	NOA	comp=Z,39nm,1.0s		LR	LR	01 17 01.5
YUK4	Talbot Arm	72.16 30	P	P	00 37 59.6 -0.7	S31K	Paulatuk	74.46 20	P	P	00 38 13.4 -0.5	NOA	comp=Z,39nm,1.0s		LR	LR	01 17 01.5
SIM	Simferopol'	72.42 312	eP	S	00 37 59.9 -2.0	SIT	Sitka	75.30 34	P	P	00 38 17.6 -0.9	RDO	Rodhopi	79.64 310	IAMB	IAMB	00 38 41.9 -0.1
SIM	Simferopol'	72.42 312	eP	S	00 37 59.9 -2.0	SIT	Sitka	75.30 34	P	P	00 38 17.6 -0.9	RDO	Rodhopi	79.64 310	IAMB	IAMB	00 38 41.9 -0.1
SIM	comp=Z,40nm,1.3s	72.42 312	eP	S	00 37 59.9 -2.0	SIT	Sitka	75.30 34	P	P	00 38 17.6 -0.9	RDO	Rodhopi	79.64 310	IAMB	IAMB	00 38 41.9 -0.1
SIM	comp=Z,40nm,1.3s	72.42 312	eP	S	00 37 59.9 -2.0	SIT	Sitka	75.30 34	P	P	00 38 17.6 -0.9	RDO	Rodhopi	79.64 310	IAMB	IAMB	00 38 41.9 -0.1
H31M	Peel River	72.42 25	P	P	00 38 01.6 0.0	MMAI	Mount Meron Ar	75.35 300	LR	LR	01 15 31.5	KONO	Kongsberg	79.98 332	i	P	00 38 45.2 +0.5
H31M	Peel River	72.42 25	P	P	00 38 01.6 0.0	MMAI	Mount Meron Ar	75.35 300	LR	LR	01 15 31.5	KONO	KONO	79.98 332	i	P	00 38 45.2 +0.5
H31M	Peel River	72.42 25	P	P	00 38 01.6 0.0	MMAI	Mount Meron Ar	75.35 300	LR	LR	01 15 31.5	KONO	KONO	79.98 332	i	P	00 38 45.2 +0.5
YUK6	Outpost Mounta	72.42 30	P	P	00 38 00.9 -1.1	MMAI	Mount Meron Ar	75.35 300	LR	LR	01 15 31.5	KONO	KONO	79.98 332	i	P	00 38 45.2 +0.5
YUK6	Outpost Mounta	72.42 30	P	P	00 38 00.9 -1.1	MMAI	Mount Meron Ar	75.35 300	LR	LR	01 15 31.5	KONO	KONO	79.98 332	i	P	00 38 45.2 +0.5
VSU	Vasula	72.53 327	i	P	00 38 00.8 -1.6	MMAI	Mount Meron Ar	75.35 300	LR	LR	01 15 31.5	KONO	KONO	79.98 332	i	P	00 38 45.2 +0.5
VSU	Vasula	72.53 327	i	P	00 38 00.8 -1.6	MMAI	Mount Meron Ar	75.35 300	LR	LR	01 15 31.5	KONO	KONO	79.98 332	i	P	00 38 45.2 +0.5
O29M	Mount Kennedy	72.54 31	P	P	00 38 01.6 -1.0	MMAI	Mount Meron Ar	75.35 300	LR	LR	01 15 31.5	KONO	KONO	79.98 332	i	P	00 38 45.2 +0.5
O29M	Mount Kennedy																

1133 2020 JUN 19d 0h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like HAZ, PUK, WIZ, RUGZ, etc. and various meteorological and communication stations.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VNA3, VNA2, FINES, etc.

IDD 19 00:44:21.9, 0.3, 33'40S; 178.18W, h0km, mb4.4/5, mbmp3.7/8, Error ellipse: s-maj=26.8km, s-min=25.6km az=154.0

IDD 19 01:05:16.9, 0.2, 27'32N; 53.84E, h0km, mb3.4/4, mbmp3.5/4, Error ellipse: s-maj=82.0km s-min=37.9km az=142.0

IDD 19 01:46:13.7, 0.4, 13.03N; 120.87E; 0.05, h25km, n63, r=174.70, mb4.4/3.1, Mindoro

ISC 19 00:44:22.9, 0.7, 33'22S; 178.4W; 0.1, h10km, n43, c=26/54, mb4.5/4, 1C, South of Kermadec Islands

ISC 19 01:05:15.3, 1.6, 27.72N; 0.1x53.68E; 0.09, h16km, n11, c=20/410, Southern Iran

ISC 19 01:46:13.7, 0.4, 13.03N; 120.87E; 0.05, h25km, n63, r=174.70, mb4.4/3.1, Mindoro

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

ATH 19 01:08:10.8, 35'17N; 22.95E, h11km, 1km, ML3.0/9, Latitude uncertainty: 1 km; Longitude uncertainty: 1 km

THE 19 01:08:13.7, 35'N; 4.2'E, h38km, 6km, M2.7/7, MLh2.7/7

ISK 19 01:08:17.0, 35'26N; 23.41E, h36km, 1km, ML2.5/5

ISC 19 01:08:12.2, 1.7, 35.26N; 0.07x23.06E; 0.07, h15km, 11km, n26, c=07/642, Crete

SHL Shilling 29.99 299 P Iamb Iamb 01 52 18.8 -1.9

FITZ Fitzroy Creek 31.29 171 P Iamb Iamb 01 52 31.7 -0.2

MBWA Marble Bar 33.99 182 Iamb Iamb 01 52 55.1 -0.5

EVN Everest 35.04 300 P Iamb Iamb 01 53 06.2 +0.8

WRA Warramunga Arr 35.34 158 P P 01 53 06.3 -1.1

WRA Warramunga Arr 35.34 158 P P 01 53 05.4 -1.9

WRA Warramunga Arr 35.34 158 P P 01 53 07.0 -0.9

SONM Songoing Array 36.74 344 P P 01 53 20.7 +1.6

AS31 Alice Springs 38.63 161 P Iamb Iamb 01 53 35.0 -0.2

ASAR Alice Springs 38.63 161 P P 01 53 35.0 -0.2

MORW Morawa 42.11 186 P Iamb Iamb 01 54 03.9 -0.1

INKA Innamincka 44.88 155 P Iamb Iamb 01 54 26.8 +0.6

NWAO Narrogin (SRO) 45.83 184 P P 01 54 33.7 0.0

MKAR Makanchi Array 46.67 324 P P 01 54 40.0 -0.3

MKAR Makanchi Array 46.67 324 P P 01 54 39.8 -0.5

MAKZ Makanchi 46.85 324 P Iamb Iamb 01 54 40.4 -1.3

BOOM Boomscoye usch 48.62 316 P Iamb Iamb 01 54 55.8 -0.3

STKA Stephens Creek 48.87 156 P P 01 54 55.5 -2.0

PEAOB Petropavlovsk- 49.53 28 P P 01 55 02.1 -0.2

PETK Petropavlovsk- 49.53 28 P P 01 55 02.2 -0.1

PETK Petropavlovsk- 49.53 28 P P 01 55 01.9 -0.4

ZALV Zalesovo Beam 49.73 333 P P 01 55 05.7 +1.9

KURBB Kurchatov Arr 50.84 326 P P 01 55 11.5 -0.7

KURK Kurchatov 50.84 327 P Iamb Iamb 01 55 11.6 -0.6

ARMA Armadale 52.37 146 P P 01 55 24.6 +0.6

ARMA Armadale 52.37 146 P Iamb Iamb 01 55 44.4

KKAR Karatay Array 52.56 315 P P 01 55 24.6 -0.6

BVAR Borovoye Array 56.42 326 P P 01 55 54.2 +1.1

AB31 Akbulak array 61.34 319 P P 01 56 26.2 -1.2

ABKAR Akbulak array 61.34 319 P P 01 56 26.4 -1.0

J17K VABM Dome 73.99 27 P P 01 57 47.3 +0.4

J17K VABM Dome 73.99 27 P Iamb Iamb 01 57 59.2

K17K Idifti 74.31 28 P P 01 57 49.3 +0.5

H19K Roundabout Mou 75.21 25 P Iamb Iamb 01 57 54.2 +0.3

IMAR Indian Mountain 76.32 25 P P 01 58 00.3 0.0

ILAR Eleisa Array 79.25 25 P P 01 58 18.1 +1.3

ARCES ARCES Array B 79.77 339 P P 01 58 21.9 +2.6

SPITS Spitsbergen Arr 80.28 348 P P 01 58 22.9 +0.9

FINES FINES Array B 80.95 331 P P 01 58 26.7 +0.9

H29M Whitestone 82.48 24 P Iamb Iamb 01 58 34.7 +0.9

BURAR Bucovina Array 84.26 317 P P 01 58 42.4 -1.1

HFS Hagfors 87.14 331 P P 01 58 55.5 -1.9

NORSAR NORSAR Arr 87.93 333 P P 01 59 01.1 -0.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like VNA3, VNA2, PDAR, etc.

IDD 19 01:14:24.4, 6.1, 33'32S; 177.50W, h0km, mb3.6/2, s=mbmp3.6/2, Error ellipse: s-maj=273.7km, s-min=84.6km az=161.0, South of Kermadec Islands

ISC 19 01:36:21.0, 2.9, 33'38S; 178.15W, h0km, mb4.2/2, s=mbmp4.1/3, ML3.1/1, Error ellipse: s-maj=72.6km, s-min=36.0km az=127.0

ISC 19 01:36:21.0, 3.1, 33'38S; 0.2x178.0W; 0.2, h10km, n8, c=134/9, 2D, South of Kermadec Islands

URZ Urewera 5.97 220 P P 01 37 48.9 -0.5

URZ Urewera 5.97 220 P Sn 01 38 57.9 +0.1

ASAR Alice Springs 43.04 271 P P 01 44 21.5 +0.4

WRA Warramunga Arr 44.37 276 P P 01 44 31.9 +0.4

IDD 19 01:00:57.6, 1.3, 5'35N; 125.26E, h233km, 10km, mb3.0/7, mbmp3.7/8, Error ellipse: s-maj=37.7km s-min=13.3km az=65.0

MAN 19 01:00:59.0, 5.41N; 125.51E, h219km, MS3.4

ISC 19 01:00:59.3, 0.5, 5.41N; 125.6E; 0.2, h250km, n15, c=1502/17, mb3.3/7, Mindanao

URZ Urewera 5.97 220 P P 01 37 48.9 -0.5

URZ Urewera 5.97 220 P Sn 01 38 57.9 +0.1

ASAR Alice Springs 43.04 271 P P 01 44 21.5 +0.4

WRA Warramunga Arr 44.37 276 P P 01 44 31.9 +0.4

ISC 19 01:36:21.0, 2.9, 33'38S; 178.15W, h0km, mb4.2/2, s=mbmp4.1/3, ML3.1/1, Error ellipse: s-maj=72.6km, s-min=36.0km az=127.0

ISC 19 01:36:21.0, 3.1, 33'38S; 0.2x178.0W; 0.2, h10km, n8, c=134/9, 2D, South of Kermadec Islands

URZ Urewera 5.97 220 P P 01 37 48.9 -0.5

URZ Urewera 5.97 220 P Sn 01 38 57.9 +0.1

ASAR Alice Springs 43.04 271 P P 01 44 21.5 +0.4

WRA Warramunga Arr 44.37 276 P P 01 44 31.9 +0.4

ISC 19 01:36:21.0, 2.9, 33'38S; 178.15W, h0km, mb4.2/2, s=mbmp4.1/3, ML3.1/1, Error ellipse: s-maj=72.6km, s-min=36.0km az=127.0

ISC 19 01:36:21.0, 3.1, 33'38S; 0.2x178.0W; 0.2, h10km, n8, c=134/9, 2D, South of Kermadec Islands

URZ Urewera 5.97 220 P P 01 37 48.9 -0.5

URZ Urewera 5.97 220 P Sn 01 38 57.9 +0.1

ASAR Alice Springs 43.04 271 P P 01 44 21.5 +0.4

WRA Warramunga Arr 44.37 276 P P 01 44 31.9 +0.4

ISC 19 01:36:21.0, 2.9, 33'38S; 178.15W, h0km, mb4.2/2, s=mbmp4.1/3, ML3.1/1, Error ellipse: s-maj=72.6km, s-min=36.0km az=127.0

ISC 19 01:36:21.0, 3.1, 33'38S; 0.2x178.0W; 0.2, h10km, n8, c=134/9, 2D, South of Kermadec Islands

URZ Urewera 5.97 220 P P 01 37 48.9 -0.5

URZ Urewera 5.97 220 P Sn 01 38 57.9 +0.1

ASAR Alice Springs 43.04 271 P P 01 44 21.5 +0.4

WRA Warramunga Arr 44.37 276 P P 01 44 31.9 +0.4

ISC 19 01:36:21.0, 2.9, 33'38S; 178.15W, h0km, mb4.2/2, s=mbmp4.1/3, ML3.1/1, Error ellipse: s-maj=72.6km, s-min=36.0km az=127.0

ISC 19 01:36:21.0, 3.1, 33'38S; 0.2x178.0W; 0.2, h10km, n8, c=134/9, 2D, South of Kermadec Islands

1.9nm, 1.1s, baz=36, slow=8.8, SNR=3.6
FINES FINES Array B 147.76 338 PKPbc PKPbc 02 46 19.9 -0.7

IDC 19:02:29:29.7-0.7, 52:87N-167:05W, h0km, mb4.2/26,
bmtmp4, 1/27, ML3.3/1, MS3.7, Error ellipse:
s-maj=20.9km s-min=13.2km az=177.0

AEIC 19:02:29:31.6-2.9, 52:53N-166:99W, 0.1, h10km, 4km,
Error ellipse: s-maj=0.0km s-min=0.0km az=60.0

NEIC 19:02:29:35.8-1.9, 52:81N-167:04W, 0.1, h41km, 7km,
mb4, 1/107, ML3.7/12, ML3.7(AEIC), Error ellipse:
s-maj=14.1km s-min=6.6km az=152.0

ISC 19:02:29:34.6-0.6, 52:73N-166:06W, 0.036, h35km,
n22z, r1933/173, mb4.4/66, MS3.7/7, Fox Islands

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

Main table with columns: G30M, IAmb, IAmb, 02 34 19.4, etc. Lists seismic events with station codes, magnitudes, and times.

Table with columns: HFS, Hagfors, 67.49 360 P, P, 02 40 26.0 -0.4, etc. Lists seismic events with station codes, magnitudes, and times.

UCR 19:02:30:24.5-0.7, 9:57N-84:77W, h20km, 2km, MW3.9,
Presumed earthquake
CATAc 19:02:30:24.5-0.3, 10 N 2 x 8 5W, h4km, 1km, M3.8/18,
ML3.9/18, Error ellipse: s-maj=4.7km s-min=2.3km

UPA 19:02:30:26.8-2.4, 9:78N-84:74W, h15km, 11km, MW4.2,
Presumed earthquake
ISC 19:02:30:22.8-1.1, 9:53N-0:03-84:83W, 0.03, h13km, gkm,
n135, r092/154, 1C-2D, Costa Rica

Table with columns: Code, Station Name, Az, Phase, Op, ISC, Time, Res, ISC. Lists seismic stations for the UCR and UPA events.

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 seismic stations and parameters, including specific event data like '19d 02:36:38.5.7.8.18.00S:169.06E, h144km, 96km, mb3.5/3'.

Table with columns: WRA, Warramunga Arr, 33.24 262, P, 02 42 58.9 -1.1. Lists seismic events with station names and magnitudes.

NNC 19 02:58:13.4.12.0.44:16N:88.61E, h0km, mb4.1, mpv3.6, Error ellipse: s-maj=95.4km s-min=68.4km az=102.0

SOME 19 02:58:41.1.44.335N:84.18E, h5km, Error ellipse: s-maj=42.8km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and parameters, including event data like '19d 02:59:06.0.1.1.43:83N:86.67E, h0km, mb3.8/3'.

19d 02:59:06.0.1.1.43:83N:86.67E, h0km, mb3.8/3, Error ellipse: s-maj=42.2km

19d 02:58:09.0.1.1.43:91N:10.86:79E:0:08, h20km, n8, Error ellipse: s-maj=42.2km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and parameters, including event data like '19d 02:59:26.1.51:27N:179:42W, h23km, mb5.3/28'.

MW5.2/121, Moment Tensor Solution. s73.c117; s121.c198; Duration: 15.0; Moment tensor: Scale 10^16 Nm; Mw: 5.2; Ms: 5.1; Mb: 5.1; Mm: 0.01; L4: 3.6; M6: 2.2; M7: 2.2; M8: 1.0; M9: 2.6; M10: 2.0; Best double couple: M7: 4.48000e+16; NP1: 2.2660000e+16; 822.00000e+16; 118.00000e+16; NP2: 5.5500000e+16; 866.00000e+16; 76.00000e+16; Principal axes: T: 7.2550, Plg66.0000; Azm300.0000; N: 0.3930, Plg13.0000; Azm61.0000; P: -7.6410, Plg20.0000; Azm155.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s.

NEIC 19 02:59:33.2.51:23N:179:03W, h36km, Moment Tensor Solution. Duration: 15.0; Moment tensor: Scale 10^16 Nm; Mw: 5.5; Ms: 5.4; Mb: 5.0; Mm: 2.38; M6: 1.94; M7: 1.85; Fault plane solution: M6: 5.90000e+16; NP1: 2.62.47000e+16; 832.90000e+16; 106.94000e+16; NP2: 6.62.53000e+16; 858.69000e+16; 79.33000e+16; Principal axes: T: 6.3982, Plg74.0000; Azm304.0000; N: 0.3766, Plg9.0000; Azm68.0000; P: -6.7748, Plg13.0000; Azm160.0000;

BGR 19 02:59:35.8.52:21N:179:05E, h33km, mb5.0, Ms4.6; ISC 19 02:59:29.1.0.5.51:13N:0:05:179:00W:0:03, h43km, 3km, h43km, 3km, n1180, e1803:95a, mb5.1/457, MS4.6/25, 83C-36P, Andreadis Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations and parameters, including event data like '19d 02:59:35.8.52:21N:179:05E, h33km, mb5.0, Ms4.6'.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like PEAOB Petropavlovsk, PETK Petropavlovsk, PETK, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like G19K Purcell Mounta, RDOCG Red Dog Mine, O22K Cooper Landing, etc.

Table with columns: ID, Name, Date, Time, Status, Location, etc. Includes entries like HARP HAARP, C21K Knifblade Ridge, PAX Paxson, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station ID, and Station Name. Includes stations like TIWZ, MHCZ, WACZ, etc.

ARCES ARCES Array B 1428.240 PKPbc PKPpdf 03 25 16.4 +2.3
TORD Torodi Ar. Bea 150.15 195 PKPbc PKPbc 03 25 22.5 -1.4
BUJ 19 03:08:29.6, 51.27N, 179.37W, h27km, mB5.4/31, mB5.5/78, Ms4.9/52, Ms7.4/6/52
PMR 19 03:08:30.0, 50.78N, 179.16W, h38km
AICZ 19 03:08:31.5, 52.2, 51.1; 10N:0.05:179.06W:0.06, h24km, 3km, Error ellipse: s-min=5.6km, s-max=6.4km, az=12.0, 1.2

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station ID, and Station Name. Includes stations like GAKI, GAEA, GASW, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station ID, and Station Name. Includes stations like KIWB, KIKV, KADM, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station ID, and Station Name. Includes stations like SII, SII, SII, etc.

SEY	comp=Z,3um,19.5s,baz=126,slow=38	LR	LR	03 20 32.1					
SEY	comp=Z,2.9nm,0.8s,baz=194,slow=2.9,SNR=4.6	ScP	ScP	03 20 47.2 +0.1					
SEY	comp=Z,5.5nm,0.6s	Pn	Pn	03 12 54.0 -0.6					
SEY	comp=Z,13nm,1.1s	Pmax	Pmax						
KTH	Kantishna Hill	IaMb	IaMb	03 13 02.8					
PMR	Palmer	P	P	03 12 57.5 +1.7					
PMR	Palmer	Pn	Pn	03 12 55.5 -0.3					
C18K	Utukok River	IaMb	IaMb	03 13 04.9					
C18K	Utukok River	P	Pn	03 12 57.9 +0.4					
TRF	Thorofore Moun	IaMb	IaMb	03 13 04.7					
TRF	Thorofore Moun	P	Pn	03 12 58.2 -0.2					
IMAR	Indian Mountai	P	Pn	03 12 58.4 -0.2					
KNK	Knik Glacier	P	Pn	03 12 58.3 -0.6					
F20K	Avarart Lake	P	Pn	03 12 59.3 -0.1					
H21K	Melozitna Rive	IaMb	IaMb	03 13 06.4					
H21K	Melozitna Rive	P	Pn	03 13 00.0 -0.1					
I21K	Tanana	IaMb	IaMb	03 13 02.3					
I21K	Tanana	P	Pn	03 12 59.9 -0.5					
P23K	Montague Islan	P	P	03 12 58.9 +0.2					
SML	Sawmilit	P	P	03 12 59.3 +0.1					
G21K	Allakaket	IaMb	IaMb	03 13 15.1					
G21K	Allakaket	P	Pn	03 13 02.9 -0.5					
WAT1	Susitna Watana	P	P	03 13 01.8 -0.2					
M23K	Glacier View	P	P	03 13 02.2 +0.1					
GLI	Glacier Island	P	P	03 13 02.8 +0.2					
GLI	Glacier Island	P	P	03 13 02.2 -0.4					
MLY	Manley	P	Pn	03 13 04.1 -0.8					
RND	Reindeer	IaMb	IaMb	03 13 03.0 0.0					
RND	Reindeer	P	P	03 13 07.9					
RND	Reindeer	Pmax	Pmax	03 13 03.0 0.0					
RND	Reindeer	Pmax	Pmax	03 13 03.0 0.0					
Q23K	Middleton Isla	P	P	03 13 03.2 0.0					
B3W	Browne	P	Pn	03 13 05.5 -0.3					
C19K	Lookout Ridge	IaMb	IaMb	03 13 12.7					
C19K	Lookout Ridge	P	Pn	03 13 05.5 -0.3					
MCK	McKinley	P	P	03 13 03.7 -0.3					
SCM	Sheep Creek Mo	P	P	03 13 03.8 -0.4					
WAT6	Susitna Watana	P	P	03 13 04.2 -0.7					
H22K	Ishlaltina Cre	Pn	Pn	03 13 06.9 -0.6					
H22K	Ishlaltina Cre	IaMb	IaMb	03 13 08.2					
H22K	Ishlaltina Cre	P	Pn	03 13 06.8 -0.6					
E20K	Nigu River	P	Pn	03 13 07.1 -0.8					
F21K	Alatna River	IaMb	IaMb	03 13 12.5					
F21K	Alatna River	P	Pn	03 13 07.9 -0.8					
NEA2	Nenana	IaMb	IaMb	03 13 13.2					
NEA2	Nenana	P	P	03 13 08.1 +0.7					
DHY	Denali Highway	IaMb	IaMb	03 13 13.0					
DHY	Denali Highway	P	P	03 13 08.1 -0.4					
EYAK	Cordova Ski Ar	P	Pn	03 13 11.2 0.0					
EYAK	Cordova Ski Ar	P	P	03 13 09.8 +0.2					
I23K	Minto, Yukon-K	IaMb	IaMb	03 13 12.7					
I23K	Minto, Yukon-K	P	Pn	03 13 10.2 -1.2					
KLU	Klutina	P	Pn	03 13 11.6 -1.2					
A19K	Wainwright	P	P	03 13 12.9 +0.1					
M24K	Tolson Glenn	P	P	03 13 11.8 +1.0					
G22K	Bettles	P	Pn	03 13 12.5 -1.1					
H23K	Yukon River	P	P	03 13 13.1 +1.3					
F22K	John River	P	P	03 13 13.9 +1.4					
CCB	Clear Creek Bu	IaMb	IaMb	03 13 28.6					
E21K	Killik River	P	P	03 13 14.2 +0.8					
COLA	College	P	P	03 13 14.5 +0.8					
COLA	College	IaMb	IaMb	03 13 23.1					
COLA	College	Pmax	Pmax	03 13 14.5 +0.8					
COLA	College	Pmax	Pmax	03 13 14.5 +0.8					
KOLA	College	P	P	03 13 14.5 +0.8					
CAIM	Kayak Island	P	P	03 13 15.2 +0.6					
G23K	Bananza Creek	IaMb	IaMb	03 13 30.3					
G23K	Bananza Creek	P	P	03 13 16.2 +1.3					
HDA	Harding Lake	P	P	03 13 15.5 0.0					
BMRM	Bremner River	P	P	03 13 16.2 +0.6					
C21K	Knifeblade Rid	P	P	03 13 17.3 +1.0					
HARP	HAARP	IaMb	IaMb	03 13 21.8					
HARP	HAARP	P	P	03 13 16.7 +0.2					
PAX	Paxson	IaMb	IaMb	03 13 35.2					
PAX	Paxson	P	P	03 13 16.9 +0.1					
N25K	Chitina, Valde	P	P	03 13 16.9 -0.3					
B20K	Meade River	IaMb	IaMb	03 13 27.5					
B20K	Meade River	P	P	03 13 17.9 +0.9					
IL31	Meade River	IaMb	IaMb	03 13 34.2					
ILAR	Eielson Array	P	P	03 13 15.5 -1.8					
ILAR	Eielson Array	P	P	03 17 18.6 -0.2					
ILAR	Eielson Array	P	P	03 20 51.8 -0.5					
ILAR	Eielson Array	P	P	03 47 02.2					
ILAR	Eielson Array	P	P	03 13 14.6 -2.7					
ILAR	Eielson Array	P	P	03 13 18.1 +0.8					
E22K	Anaktuvuk Pass	IaMb	IaMb	03 13 30.7					
E22K	Anaktuvuk Pass	P	P	03 13 18.6 +0.8					
K24K	Donnelly Dome	IaMb	IaMb	03 13 29.2					
K24K	Donnelly Dome	P	P	03 13 17.9 -0.4					

H24K	Noodor Dome	21.55	35	P	P	03 13 18.6 +0.3			
B21K	Ikpikpuk River	21.75	23	IaMb	IaMb	03 13 24.9			
B21K	Ikpikpuk River	21.75	23	P	P	03 13 20.8 +0.5			
RIDG	Independent Ri	21.92	42	IaMb	IaMb	03 13 24.8			
RIDG	Independent Ri	21.92	42	P	P	03 13 22.5 +0.3			
CRQE	Cirque	21.98	50	P	P	03 13 22.7 -0.4			
J25K	Salcha River	22.00	40	P	P	03 13 23.0 -0.2			
G24K	Hadweenzic Riv	22.11	34	IaMb	IaMb	03 13 27.9			
G24K	Hadweenzic Riv	22.11	34	P	P	03 13 25.1 +0.9			
E23K	Chandler	22.12	29	P	P	03 13 25.0 +0.5			
MCARA	McCarthy VSAT	22.13	49	P	P	03 13 24.4 -0.1			
MENTAST	Mentast	22.17	45	P	P	03 13 24.7 -0.2			
PRNP	Porcupine Dome	22.27	37	P	P	03 13 25.2 -1.1			
D23K	Nanushuk River	22.35	27	IaMb	IaMb	03 13 30.2			
D23K	Nanushuk River	22.35	27	P	P	03 13 27.4 +0.5			
L26K	Log Cabin Wild	22.36	44	IaMb	IaMb	03 13 37.9			
L26K	Log Cabin Wild	22.36	44	P	P	03 13 27.2 +0.3			
SCRK	Sand Creek	22.36	42	IaMb	IaMb	03 13 28.7			
SCRK	Sand Creek	22.36	42	P	P	03 13 26.5 -0.6			
M26K	Nabesna, AK	22.36	46	P	P	03 13 27.4 +0.4			
F24K	Squaw Lake	22.38	32	IaMb	IaMb	03 13 30.6			
F24K	Squaw Lake	22.38	32	P	P	03 13 28.1 +1.0			
TOLK	Toolik Lake Re	22.48	28	P	P	03 13 28.6 +0.4			
E24K	Yukon River	22.48	30	P	P	03 13 28.9 +0.6			
B22K	Teshchekpuk La	22.55	22	P	P	03 13 28.9 0.0			
A21K	Arctic Village	22.58	19	P	P	03 13 29.4 +0.2			
G25K	Bearman Lake	22.62	34	P	P	03 13 30.0 +0.4			
A22K	Sinclair Lake	22.68	20	P	P	03 13 30.5 +0.3			
FYU	Fort Yukon	22.84	35	IaMb	IaMb	03 13 33.2			
M27K	Edge Creek, AK	22.86	47	IaMb	IaMb	03 13 34.5			
M27K	Edge Creek, AK	22.86	47	P	P	03 13 32.5 +0.2			
C23K	Ikilik River	22.92	25	IaMb	IaMb	03 13 35.6			
C23K	Ikilik River	22.92	25	P	P	03 13 33.1 +0.4			
D24K	Happy Valley	23.00	27	IaMb	IaMb	03 13 36.1			
D24K	Happy Valley	23.00	27	P	P	03 13 33.7 +0.1			
BCAR	Beaver Creek A	23.05	45	P	P	03 13 33.7 -0.6			
F25K	Christian River	23.16	32	IaMb	IaMb	03 13 36.9			
K27K	Chicken	23.18	42	IaMb	IaMb	03 13 35.5			
P1M	Pinnacle	23.30	53	P	P	03 13 35.9 -0.8			
BVCY	Beaver Creek	23.33	47	P	P	03 13 36.5 -0.5			
C24K	Franklin Bluff	23.37	26	IaMb	IaMb	03 13 39.6			
C24K	Franklin Bluff	23.37	26	P	P	03 13 37.5 +0.2			
O28M	Mount Upton	23.40	51	P	P	03 13 37.2 -0.7			
YUK3	Moose Creek	23.41	48	P	P	03 13 37.2 -0.7			
E25K	Arctic Village	23.45	31	IaMb	IaMb	03 13 40.5			
E25K	Arctic Village	23.45	31	P	P	03 13 38.4 +0.4			
G26K	Porcupine Rive	23.52	35	IaMb	IaMb	03 13 54.1			
G26K	Porcupine Rive	23.52	35	P	P	03 13 38.9 +0.2			
YUK8	Steele Glacier	23.67	50	P	P	03 13 39.9 -0.6			
F26K	Sheenjek River	23.72	33	P	P	03 13 41.0 +0.3			
D25K	Kayak River	23.82	28	P	P	03 13 41.5 0.0			
I27K	Kandik River	23.84	39	P	P	03 13 40.2 -1.6			
TYV	Tymovskoe	23.90	284	eP	eP	03 13 43.3 +0.9			
TYV	Tymovskoe	23.90	284	S	S	03 18 00.9 +5.2			
TYV	Tymovskoe			Pmax	Pmax				
TYV	Tymovskoe			Pmax	Pmax				
TYV	Tymovskoe			Smax	Smax				
TYV	Tymovskoe			Smax	Smax				
TYV	Tymovskoe			MLR	MLR				
TYV	Tymovskoe			MLR	MLR				
TYV	Tymovskoe			MLR	MLR				
BRWY	Burwash Landin	24.03	50	P	P	03 13 42.8 -0.8			
H27K	Steamboat Moun	24.08	37	P	P	03 13 42.0 -2.1			
O29M	Mount Kennedy	24.15	52	P	P	03 13 43.3 -1.5			
YUK4	Talbot Arm	24.21	50	P	P	03 13 44.8 -0.6			
G27K	Doyon Strip	24.24	36	P	P	03 13 44.0 -1.5			
YUK6	Outpost Mounta	24.31	51	P	P	03 13 45.0 -1.3			
DAWY	Dawson	24.33	43	P	P	03 13 45.9 -0.5			
M29M	Somme Creek	24.44	47	P	P	03 13 46.8 -0.7			
I28M	Miner Creek	24.46	40	IaMb	IaMb	03 13 49.2			
I28M	Miner Creek	24.46	40	P	P	03 13 46.7 -0.9			
P29M	Windy Craggy	24.54	54	P	P	03 13 47.4 -0.8			
C26K	Camden Bay	24.57	28	P	P	03 13 49.2 +0.9			
L29M	L29M	24.69	45	IaMb	IaMb	03 13 57.0			
L29M	L29M	24.69	45	P	P	03 13 48.9 -0.8			
HYT	Haines Junctio	24.72	51	P	P	03 13 50.1 +0.1			
C27K	Jago River	24.78	29	P	P	03 13 50.3 0.0			

Table with columns: Station Name, Frequency, Mode, Power, and Time. Includes stations like IASR Iasi, BURAR Bucovina Array, WLF Walferdange, etc.

Table with columns: Station Name, Frequency, Mode, Power, and Time. Includes stations like GNI Garni, RETA Reutlingen, SESA Seetaler Alpe, etc.

Table with columns: Station Name, Frequency, Mode, Power, and Time. Includes stations like NIKKE Niksic, PVY Plav, TREB Trebinje, etc.

az=91.0
SJA 19 03:36:58.1z,0.2,24:13S:66:89W,h205km,6km,ML3.8,
MW3.6
NEIC 19 03:36:55.1z,1.24:11S:07:66:96W,0.07,1.918km,4km,
mb4.3/10,ML4.3(GUC),Error ellipse: s-maj=10.9km
s-min=8.3km az=225.0
GUC 19 03:37:00.9z,0.6,23:93S:67:22W,h226km,5km,ML4.3
ISC 19 03:36:58.6z,0.24,20:09S:04:66:97W,0.05,h198km,6km,
n66,+1963/86,mb4.0/8,5C-3D,Saita Province

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

NEIC 19 03:41:59.9z,2.2,16:1S:01:173:1W,0.1,h35km,1km,
mb4.9/354,Error ellipse: s-maj=19.6km s-min=16.8km
az=231.0
IDC 19 03:42:01.4z,6.3,15:87S:173:36W,h46km,57km,mb4.3/17,
mbmp4.6/17,MS3.9/20,Error ellipse: s-maj=21.3km
s-min=15.8km az=119.0
NOU 19 03:42:23.7,18:17S:172:29W,h62km,mb5.0/13,Tonga
Islands Region
ISC 19 03:41:58.3z,0.3,16:12S:05:173:10W,0.06,h26km,
n648,+1925/467,mb4.9/191,MS4.0/19,41C-14D,Tonga
Islands

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

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

UNV Unalaska Valle 69.95 4 P P 03 53 07.0+0.2
FALS False Pass 71.17 6 P P 03 53 15.2+0.7
CHNS Chernabura Isl 71.59 8 P P 03 53 17.0 0.0
SAO San Andreas Ge 71.67 42 P P 03 53 17.7 -0.3
SAO San Andreas Ge Iamb Iamb 03 53 20.0

SDPT Sand Point 71.98 8 P P 03 53 19.1 -0.3
MNRC MacLaughlin Min 72.35 39 P P 03 53 22.1 0.0
KMRH Kilauea I 72.45 38 P P 03 53 23.5 +0.9
ISA Isabella, Lake 72.96 44 Iamb Iamb 03 53 27.8

ELK	Elko	77.93	41	I	Amb	I	Amb	03 53 55.9
K13K	Kusivak Mount	78.08	4	I	Amb	I	Amb	03 53 56.0
K13K	Kusivak Mount	78.08	4	P	P	P	P	03 53 54.4 0.0
L15K	Ungalak Mounta	78.08	6	P	P	P	P	03 53 54.5 +0.1
CBB	Campbell River	78.11	29	I	Amb	I	Amb	03 53 56.5
N19K	Bonanza Creek	78.11	9	I	Amb	I	Amb	03 53 54.0 -0.8
N19K	Bonanza Creek	78.11	9	P	P	P	P	03 53 54.5 -0.3
M17K	Hollina River	78.26	8	I	Amb	I	Amb	03 53 56.6
M17K	Hollina River	78.26	8	P	P	P	P	03 53 55.4 -0.1
L16K	Owhat River	78.32	7	I	Amb	I	Amb	03 53 57.5
L16K	Owhat River	78.32	7	P	P	P	P	03 53 55.5 -0.2
G0A1	Pilot Rock	78.34	36	I	Amb	I	Amb	03 53 58.1
MTPU	Mount Pierson	78.48	45	I	Amb	I	Amb	03 53 59.9
SLKM	Skliak Lake	78.55	11	P	P	P	P	03 53 56.4 -0.7
SLKM	Skliak Lake	78.55	11	I	Amb	I	Amb	03 53 57.7
M18K	Stony River	78.56	8	P	P	P	P	03 53 56.9 -0.2
TCRU	Three Creeks R	78.60	44	I	Amb	I	Amb	03 54 00.7
K15K	Wolf Creek Mou	78.68	5	P	P	P	P	03 53 57.4 -0.4
HAWA	Hanford	78.70	35	I	Amb	I	Amb	03 53 59.9
L17K	Donlin	78.86	7	P	P	P	P	03 53 59.1 +0.3
CRAQ	Craig	78.89	22	P	P	P	P	03 53 59.0 0.0
L18K	Granite Mounta	79.15	8	I	Amb	I	Amb	03 54 02.1
L18K	Granite Mounta	79.15	8	P	P	P	P	03 54 00.8 +0.4
M19K	Big River Lodg	79.16	9	I	Amb	I	Amb	03 54 58.6
M19K	Big River Lodg	79.16	9	P	P	P	P	03 54 00.2 -0.3
RC01	Rabbit Creek A	79.18	11	P	P	P	P	03 54 00.9 +0.4
STLK	Strandline Lak	79.19	10	I	Amb	I	Amb	03 54 00.9
EPH	Ephrata	79.25	34	I	Amb	I	Amb	03 54 02.6
KAIM	Kayak Island	79.26	14	P	P	P	P	03 54 01.2 +0.2
V35K	Ketchikan	79.33	23	P	P	P	P	03 54 01.0 -0.5
M20K	Styx River	79.33	9	P	P	P	P	03 54 01.1 -0.4
L19K	White Mountain	79.36	9	P	P	P	P	03 54 01.2 -0.3
SIT	Sitka	79.39	20	P	P	P	P	03 54 02.3 +0.5
U33K	Whale Pass	79.39	21	P	P	P	P	03 54 01.6 -0.1
HMU	Henry Mountain	79.41	45	I	Amb	I	Amb	03 54 04.5
K17K	Iditarod	79.43	7	I	Amb	I	Amb	03 54 03.7
D08A	Wollman Farm,	79.44	34	I	Amb	I	Amb	03 54 03.8
EYAK	Cordova Ski Ar	79.51	13	P	P	P	P	03 54 02.2 -0.1
GLI	Glacier Island	79.52	13	I	Amb	I	Amb	03 54 02.6
GLI	Glacier Island	79.52	13	P	P	P	P	03 54 02.1 -0.3
GAMB	Gambell	79.64	1	P	P	P	P	03 54 02.7 -0.3
SKT	Skwentna	79.69	10	I	Amb	I	Amb	03 54 02.9
SKT	Skwentna	79.69	10	P	P	P	P	03 54 03.2 -0.2
F10A	Beach Ranch, E	79.72	36	I	Amb	I	Amb	03 54 04.9
KNK	Knik Glacier	79.73	12	P	P	P	P	03 54 03.3 -0.2
M22K	Willow	79.73	11	P	P	P	P	03 54 02.9 -0.5
J16K	Anvik River	79.74	6	P	P	P	P	03 54 03.7 +0.1
PMR	Palmer	79.76	11	P	P	P	P	03 54 03.5 -0.2
TMUT	Trail Mountain	79.78	44	I	Amb	I	Amb	03 54 07.0
S31K	Pelican	79.83	19	P	P	P	P	03 54 04.5 +0.4
WRAK	Wrangell Islan	79.91	22	P	P	P	P	03 54 04.7 +0.2
GHO	Glory Hole Cre	79.97	11	I	Amb	I	Amb	03 54 05.4
S32K	Killsnoo	79.97	20	P	P	P	P	03 54 05.6 +0.7
J17K	VABM Dome	80.01	6	I	Amb	I	Amb	03 54 06.9
J17K	VABM Dome	80.01	6	P	P	P	P	03 54 05.2 +0.2
SPUT	South Promonto	80.01	42	I	Amb	I	Amb	03 54 07.6
B08A	Colville Reser	80.02	33	I	Amb	I	Amb	03 54 06.1
DIV	Divide	80.02	13	I	Amb	I	Amb	03 54 05.7
HVU	Hansel Valley	80.05	41	I	Amb	I	Amb	03 54 07.3
SML	Sawmill	80.11	12	P	P	P	P	03 54 05.2 -0.4
BMRM	Bremner River	80.14	14	I	Amb	I	Amb	03 54 06.6
BMRM	Bremner River	80.14	14	P	P	P	P	03 54 05.4 -0.4
SRU	San Rafael Swe	80.15	44	I	Amb	I	Amb	03 54 08.3
LLBL	Lillooet	80.15	30	I	Amb	I	Amb	03 54 07.2
M23K	Glacier View	80.22	12	P	P	P	P	03 54 05.8 -0.4
C09A	Chrisman Ranch	80.24	34	I	Amb	I	Amb	03 54 07.8
CRUC	Cirque	80.30	14	P	P	P	P	03 54 06.4 -0.4
QQT	Chulitna	80.30	11	P	P	P	P	03 54 05.9 -0.7
KLU	Klutina	80.32	13	P	P	P	P	03 54 06.0 -0.8
I17K	Unalakleet	80.33	6	P	P	P	P	03 54 06.6 -0.1
L22K	Petersville	80.33	10	P	P	P	P	03 54 05.9 -1.0
L22K	Petersville	80.33	10	I	Amb	I	Amb	03 54 06.7
L22K	Petersville	80.33	10	P	P	P	P	03 54 06.2 -0.6
SCM	Sheep Creek Mo	80.33	12	I	Amb	I	Amb	03 54 08.7
SCM	Sheep Creek Mo	80.33	12	P	P	P	P	03 54 06.2 -0.7
VHRN	Van Horn	80.34	54	I	Amb	I	Amb	03 54 09.6
MNTX	Cornudas Valley	80.42	53	I	Amb	I	Amb	03 54 09.9
PPLA	Purkeypile	80.44	10	P	P	P	P	03 54 07.4 -0.1
TCUT	Toone Canyon	80.58	42	I	Amb	I	Amb	03 54 10.6
K20K	Telida	80.59	9	P	P	P	P	03 54 08.2 0.0
K20K	Telida	80.59	9	P	P	P	P	03 54 07.7 -0.5
PV05	Paradox Valley	80.61	46	I	Amb	I	Amb	03 54 11.5
N25K	Chitina, Valde	80.71	13	P	P	P	P	03 54 08.3 -0.6
GLB	Gilahina Butte	80.74	14	I	Amb	I	Amb	03 54 09.7

P29M	Windy Craggy	80.75	17	I	Amb	I	Amb	03 54 10.0
P29M	Windy Craggy	80.75	17	P	P	P	P	03 54 08.6 -0.6
TX31	Lajitas Ar. Si	80.77	56	I	Amb	I	Amb	03 54 12.3
TXAR	Lajitas Ar. Si	80.77	56	P	P	P	P	03 54 11.2 +1.2
TXAR	Lajitas Ar. Si	80.77	56	P	P	P	P	03 54 10.6 +0.6
PV19	Morning Glory	80.80	46	I	Amb	I	Amb	03 54 11.3
M24K	Tolsona, Glenn	80.82	12	P	P	P	P	03 54 09.0 -0.5
NJ2	Nanjing	80.83	307	eP	pmax	pmax	pmax	03 54 09.8 -0.3
PV18	Skein Mesa, Pa	80.83	46	I	Amb	I	Amb	03 54 11.4
PV16	Nyswonger Mesa	80.85	46	I	Amb	I	Amb	03 54 12.3
MCARA	McCCarthy VSAT	80.87	14	P	P	P	P	03 54 09.7 0.0
PV11	David Mesa, Pa	80.88	46	I	Amb	I	Amb	03 54 12.4
LOGN	Logan Glacier	80.88	15	I	Amb	I	Amb	03 54 10.8
BARN	Barard Glacier	80.92	15	I	Amb	I	Amb	03 54 11.0
PV02	Paradox Valley	80.92	46	I	Amb	I	Amb	03 54 12.6
MA2	Magadan	80.93	342	LR	LR	LR	LR	04 23 00.9
PV21	Cone Mtn., Par	80.93	46	I	Amb	I	Amb	03 54 12.7
H16K	Elim	80.93	5	P	P	P	P	03 54 09.4 -0.5
WAT6	Susitna Watana	80.93	12	P	P	P	P	03 54 09.4 -0.8
CAST	Castle Rocks	80.95	9	I	Amb	I	Amb	03 54 10.1
CAST	Castle Rocks	80.95	9	P	P	P	P	03 54 09.1 -1.0
J19K	Poorman	80.99	8	P	P	P	P	03 54 09.9 -0.4
WAT1	Susitna Watana	81.01	11	P	P	P	P	03 54 09.9 -0.6
PLBC	Pleasant Camp	81.01	18	P	P	P	P	03 54 10.8 +0.4
ANMO	Albuquerque	81.04	50	P	P	P	P	03 54 12.1 +0.6
ANMO	Albuquerque	81.04	50	P	P	P	P	03 54 12.5 +1.0
O28M	Mount Upton	81.04	16	P	P	P	P	03 54 10.5 -0.5
O29M	Mount Kennedy	81.08	17	I	Amb	I	Amb	03 54 11.8
O29M	Mount Kennedy	81.08	17	P	P	P	P	03 54 10.6 -0.4
T35M	Bob Quinn	81.08	22	P	P	P	P	03 54 10.9 -0.1
TPB28	comp=Z,1.7nm,1.6s	81.09	53	I	Amb	I	Amb	03 54 13.8
G15K	Niukluk	81.16	4	P	P	P	P	03 54 10.6 -0.5
ALPN	Alpine	81.22	55	I	Amb	I	Amb	03 54 14.1
KTH	Kantishna Hill	81.26	10	I	Amb	I	Amb	03 54 12.5
TRF	Thorofare Moun	81.27	10	I	Amb	I	Amb	03 54 13.3
TRF	Thorofare Moun	81.27	10	P	P	P	P	03 54 10.8 -1.2
HARP	HAARP	81.29	13	P	P	P	P	03 54 11.4 -0.5
SKAG	Skagway	81.33	18	P	P	P	P	03 54 12.1 0.0
TPB01	Permian Basin	81.34	54	I	Amb	I	Amb	03 54 14.7
CHUM	Lake Minchum	81.35	9	P	P	P	P	03 54 11.3 -0.9
J20K	Novinta River	81.36	8	I	Amb	I	Amb	03 54 13.3
J20K	Novinta River	81.36	8	P	P	P	P	03 54 11.9 -0.3
P30M	Million Dollar	81.38	17	P	P	P	P	03 54 12.6 0.0
H17K	Granite Mounta	81.43	6	P	P	P	P	03 54 12.5 -0.1
DHY	Denali Highway	81.45	12	P	P	P	P	03 54 12.4 -0.5
S34M	Telegraph Cree	81.48	21	I	Amb	I	Amb	03 54 14.4
S34M	Telegraph Cree	81.48	21	P	P	P	P	03 54 12.9 -0.1
RND	Reindeer	81.48	11	I	Amb	I	Amb	03 54 13.6
F14K	Arctic Creek	81.50	3	P	P	P	P	03 54 12.5 -0.5
TNA	Tin City	81.52	2	P	P	P	P	03 54 12.6 -0.5
TPB13	Reeve's Culbe	81.55	54	I	Amb	I	Amb	03 54 15.8
YUK8	Steele Glacier	81.59	16	P	P	P	P	03 54 13.6 -0.2
YUK6	Outpost Mounta	81.67	16	P	P	P	P	03 54 13.8 -0.4
BNX	BinXin	81.68	322	↑P	pmax	pmax	pmax	03 54 13.6 -0.7
TPB05	Hovey	81.69	55	I	Amb	I	Amb	03 56 37.7
PAX	Paxson	81.74	12	P	P	P	P	03 54 13.4 -1.0
MCK	McKinley	81.77	11	P	P	P	P</	

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Scale, Elevation Scale, Azimuth Shift, Elevation Shift, Azimuth Slope, Elevation Slope, Azimuth Intercept, Elevation Intercept, Azimuth Constant, Elevation Constant, Azimuth Variable, Elevation Variable, Azimuth Function, Elevation Function, Azimuth Derivative, Elevation Derivative, Azimuth Integral, Elevation Integral, Azimuth Limit, Elevation Limit, Azimuth Range, Elevation Range, Azimuth Domain, Elevation Domain, Azimuth Codomain, Elevation Codomain, Azimuth Image, Elevation Image, Azimuth Preimage, Elevation Preimage, Azimuth Kernel, Elevation Kernel, Azimuth Image, Elevation Image, Azimuth Preimage, Elevation Preimage, Azimuth Kernel, Elevation Kernel, Azimuth Image, Elevation Image, Azimuth Preimage, Elevation Preimage, Azimuth Kernel, Elevation Kernel.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Scale, Elevation Scale, Azimuth Shift, Elevation Shift, Azimuth Slope, Elevation Slope, Azimuth Intercept, Elevation Intercept, Azimuth Constant, Elevation Constant, Azimuth Variable, Elevation Variable, Azimuth Function, Elevation Function, Azimuth Derivative, Elevation Derivative, Azimuth Integral, Elevation Integral, Azimuth Limit, Elevation Limit, Azimuth Range, Elevation Range, Azimuth Domain, Elevation Domain, Azimuth Codomain, Elevation Codomain, Azimuth Image, Elevation Image, Azimuth Preimage, Elevation Preimage, Azimuth Kernel, Elevation Kernel, Azimuth Image, Elevation Image, Azimuth Preimage, Elevation Preimage, Azimuth Kernel, Elevation Kernel.

Table with columns: Station ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision, Azimuth Bias, Elevation Bias, Azimuth Drift, Elevation Drift, Azimuth Trend, Elevation Trend, Azimuth Offset, Elevation Offset, Azimuth Scale, Elevation Scale, Azimuth Shift, Elevation Shift, Azimuth Slope, Elevation Slope, Azimuth Intercept, Elevation Intercept, Azimuth Constant, Elevation Constant, Azimuth Variable, Elevation Variable, Azimuth Function, Elevation Function, Azimuth Derivative, Elevation Derivative, Azimuth Integral, Elevation Integral, Azimuth Limit, Elevation Limit, Azimuth Range, Elevation Range, Azimuth Domain, Elevation Domain, Azimuth Codomain, Elevation Codomain, Azimuth Image, Elevation Image, Azimuth Preimage, Elevation Preimage, Azimuth Kernel, Elevation Kernel, Azimuth Image, Elevation Image, Azimuth Preimage, Elevation Preimage, Azimuth Kernel, Elevation Kernel.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like USP, ARS, ARLS, DJR, TDK, etc.

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

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

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

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

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

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

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

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

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NOA, HFS, MMAI, AKAS, etc.

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

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

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

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

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

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

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

Table with columns: Station Name, Time, Res, and various codes. Includes stations like KURBB Kurchatov Arra, BVAR Borovoye Array, and others.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like QSPA South Pole Qui, QSPA South Pole Qui, and others.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like KURBB Kurchatov Arra, FINES FINESS Array B, and others.

IDC 19 05:00:16.0:2.9, 53.61N;-87.05E, h0km, mbmp2.6/2, ML1/2, Error ellipse: s-maj=27.0km s-min=16.9km az=70.0

ASRS 19 05:00:12.0:1.0, 53.61N;-87.0E, h0km, M2.4(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like 146RU Zalesovo Infra, ZALV Zalesovo Beam, and others.

RSNC 19 05:06:31.8:0.0, 7.37N;-112.1E, h12km, gkm, M1.4, ML1.2, ML1.6, Northern Colombia

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like BARC Barichara, BARC Barichara, and others.

IDC 19 05:06:42.6:3.5, 33.23S;-178.49W, h0km, mb3.7/2, mbtmp3.8/3, ML3.5/1, Error ellipse: s-maj=79.3km s-min=50.0km az=122.0, South of Kermadec Islands

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like URZ Urewera, URZ Urewera, and others.

IDC 19 05:07:06.7:1.4, 33.39S;-178.83W, h0km, mb3.9/3, mbtmp3.9/4, ML3.9/1, Error ellipse: s-maj=39.2km s-min=30.5km az=108.0

ISC 19 05:07:11.7:1.4, 33.35S;-179.1W;0.3, h10km, n7, #3177, mb3.8/3, South of Kermadec Islands

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like URZ Urewera, URZ Urewera, and others.

IDC 19 05:14:06.8:1.0, 33.18S;-178.05W, h0km, mb4.5/4, mbtmp4.4/5, ML3.9/1, MS2.8/1, Error ellipse: s-maj=32.9km s-min=27.5km az=90.0

NEIC 19 05:14:07.9:1.6, 33.20S;-178.0W;0.2, h10km, 1km, mb4.2/10, Error ellipse: s-maj=27.3km s-min=5.8km az=108.0

ISC 19 05:14:08.0:0.8, 33.21S;-178.2W;0.1, h10km, n24, #1911/26, mb4.9/9, South of Kermadec Islands

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like RAO Raoul Island, URZ Urewera, and others.

WEL 19 05:20:09.0:1.1, 33.5S;-177.8W;2.6, h12km, M4.7/7, ML4.6/8, MLV4.7/7, Error ellipse: s-maj=35.4km s-min=3.4km az=108.9, confirmed

NEIC 19 05:20:08.0:1.5, 33.25S;-177.6W;0.2, h10km, 1km, mb4.6/22, Error ellipse: s-maj=27.6km s-min=16.9km az=66.0

IDC 19 05:20:09.0:0.8, 33.18S;-178.15W, h0km, mb4.3/6, mbtmp4.3/9, ML3.9/3, MS3.6/1, Error ellipse: s-maj=27.2km s-min=21.8km az=99.0

ISC 19 05:20:09.5:0.6, 33.28S;-178.0W;0.1, h10km, n63, #179/73, mb4.7/19, South of Kermadec Islands

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like GLKZ Green Lake, RAO Raoul Island, and others.

URZ Urewera, URZ Urewera, RTZ Ruatahunu, KNZ Kokohu, KNU KNU, OUZ Omahuta, BKZ Black Stump Fm, BKZ Black Stump Fm, WHZ Wether Hill R, DZM Mott Dzumac

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like URZ Urewera, URZ Urewera, and others.

STKA Stephens Creek, CTAO Charters Tower, AS31 Alice Springs, ASAR Alice Springs

ASAR Alice Springs, WRAB Tennant Creek, WRAB Tennant Creek, WRA Warramunga Arr, WRA Warramunga Arr

WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr

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WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr

IDC 19 05:34:31.4:1.7, 4.70S;-102.74E, h0km, mb4.0/10, mbtmp4.0/10, Error ellipse: s-maj=73.8km s-min=18.2km az=54.0

NEIC 19 05:34:47.3:0.7, 4.63S;-106.103;0E;0.07, h138km, 5km, mb4.9/10, Error ellipse: s-maj=11.5km s-min=7.9km az=125.0

DJA 19 05:34:48.8:0.2, 5.5S;-101.3E, h121km, 3km, M4.2/36, mb5.7/1, mb4.3/9, MLV4.1/36, Mw(mb)5.2/1

ISC 19 05:34:48.2:0.6, 4.58S;-106.103;34E;0.06, h150km, n62, #184/55, mb4.2/15, Southern Sumatra

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like MNAI Manna, MNAI Manna, and others.

H0S2 Diego Garcia H, H0S23 Diego Garcia H, H0S1 Diego Garcia H, H0W13 Cape Leeuwin H

H0W1 Cape Leeuwin H, H0W12 Cape Leeuwin H, WRA Warramunga Arr, WRA Warramunga Arr

WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr

WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr

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WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr, WRA Warramunga Arr

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SHLS Shalkode, UZB Uzunbulak, SATY Saty, PDGK Podgornoye, etc.

IDC 19 07:19:11.7±1.8, 2.06N:126.40E, h0km, mb3.5/4, mbtmp3.5/4, Error ellipse: s-maj=166.2km s-min=22.4km az=66.0, Northern Molucca Sea

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

WEL 19 07:19:42.8±1.2, 3.33°S:20°17'9W, 3.7, h12km, M4.0/4, ML4.0/11, MLV4.0/4, Error ellipse: s-maj=54.6km s-min=8.4km az=117.4, confirmed, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WMGZ Waiomatatini S, PKGZ Pakhiroa, HAZ Te Kaha, etc.

RSCN 19 07:21:33.8±0.0, 6°N:1°7'6W, h61km, 2km, M2.6, mb3.9, ML2.4, Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like CBOC Ciudad Bolivar, MEDEC Medellin, Ant, GUY2C Guyana, Caldas, etc.

Table with columns: MACC Macarena, Meta, FLOC Florencia, AZU Azuero, BCIP Isla Barro Col. Includes times and residuals.

WEL 19 07:23:53.9±1.2, 3.55°S:17°9'W, 1.3, h12km, M3.8/8, ML4.0/13, MLV3.8/8, Error ellipse: s-maj=18.3km s-min=7.5km az=113.6, confirmed, East of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WMGZ Waiomatatini S, PKGZ Pakhiroa, HAZ Te Kaha, etc.

IDC 19 07:27:04.1±1.1, 19°15'N:121°23'E, h0km, mb3.7/8, mbtmp3.8/8, MS3.0/2, Error ellipse: s-maj=43.2km s-min=20.0km az=63.0

NEIC 19 07:27:08.6±1.7, 19°17'N:10°12'2"E, 0.1, h24km, 7km, mb4.5/14, Error ellipse: s-maj=17.2km s-min=9.1km az=135.0

MAN 19 07:27:11.0, 19°08'N:121°28'E, h7km, MS3.7, ISC 19 07:27:05.9±0.8, 19°15'N:121°2'E, 0.1, h10km, n42, c=077/35, mb4.2/16, Philippine Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like SIPP Brgy, Tapao, TWG Pinlang, etc.

ASAR Alice Springs, ZAAO Zalesovo Array, ZALV Zalesovo Beam. Includes times and residuals.

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

JMA 19 07:28:35.0±0.2, 24°39'N:0°8'123'E, 0.4, h20km, 4km, MV3.3/11, NW OFF ISHIGAKIJIMA IS

IDC 19 07:28:34.2±3.1, 24°38'N:122°02'E, h0km, mb3.7/3, mbtmp3.7/3, Error ellipse: s-maj=620.4km s-min=29.3km az=70.0

ISC 19 07:28:34.5±1.9, 24°77'N:0°09'123'E, 0.05, h14km, 11km, n11, c=996/17, mb3.6/3, Southwestern Ryukyu Islands

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

Table with columns: HATJ Ishigakijima, JISG Tarama, SONM Songoing Array. Includes times and residuals.

WRA Warramunga Arr. Includes time and residual.

ASAR Alice Springs. Includes time and residual.

BJI 19 07:30:05.6, 24°51'N:123°55'E, h19km, mb4.7/11, mb4.5/38, ML4.0/11, MS4.2/22, MS7.4/01, etc.

NIED 19 07:30:08.5, 24°89'N:123°42'E, h27km, MW4.3, Moment Tensor Solution. s2 Moment tensor, MWA.3, Moment Mtr=3.14; Mtr=3.16; Mtr=0.02; Mtr=0.49; Mtr=0.16; etc.

JMA 19 07:30:09.0±1.1, 24°83'N:105°123'43"E, 0.03, h17km, 7km, n99, c=989/101, mb4.5/14, MS3.8/4, 1C-1D, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like YOJ Yonaguni jima, IRIF Iriomote-Funau, etc.

HATJ Tarama. Includes time and residual.

JIRJ Iarabujima, JIKM Ikemajima, JIMJ Miyako jima 2, etc.

NACB Ninganchiao, NACB Ninganchiao, YHNB Yeheng, etc.

NJ2 Nanjing. Includes time and residual.

TGY Tagaytay City. Includes time and residual.

KSR5 Korea Array. Includes time and residual.

QIZ Qiongzong. Includes time and residual.

XAN Xi'an. Includes time and residual.

CD2 Chengdu. Includes time and residual.

CD2 Chengdu. Includes time and residual.

CD2 Chengdu. Includes time and residual.

CD2 Chengdu. Includes time and residual.

CD2 Chengdu. Includes time and residual.

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CD2 Chengdu. Includes time and residual.

CD2 Chengdu. Includes time and residual.

19d 7h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like BNX, CHTO, CMAR, etc.

BJJ 19 07:43:17.1, 34°29'N, 25°13'E, h16km, mB5.4/30, mb5.1/61, Ms4.8/35, M57.4/5/33
AFAD 19 07:43:18.2, 34°23'N, 25°47'E, h6km, 6km, MW4.7
MOS 19 07:43:18.8, 1.0, 34°27'N, 25°53'E, h11km, mb5.3/59, MS4.4/26, Error ellipse: s-maj=5.1km s-min=2.8km az=81.3
IDC 19 07:43:18.9, 0.4, 34°33'N, 25°51'E, h0km, mb5.0/33, mbmp4.9/47, M4.4, 3/13, MS4.4/65, Error ellipse: s-maj=10.7km s-min=9.8km az=2.0
PDG 19 07:43:19.3, 0.1, 34°23'N, 25°39'E, h11km, 11km, M5.0/11, Error ellipse: s-maj=28.0km s-min=25.3km az=90.0
MCSM 19 07:43:20.4, 0.4, 34°14'N, 2°2'6E, h10km, 3km, mb5.0, mB5.3, MLv5.4, MWv1.7
MED_RC 19 07:43:20.0, 34°21'N, 25°53'E, h20km, Mw1.1, Moment Tensor Solution, Moment tensor: Scale 10^16Nm; Mn: 5.08e-46; Mw: 5.80e-27; Mo: 0.00e-23; M2: 2.21e-45; Mr: 1.95e-19; Mr: 0.31e-10; Fault plane solution: M6.13000e+10 N P1: 290.00000, 835.00000, 786.00000. NP2: 102.00000, 856.00000, 856.00000. Principal axes: T 5.5100, Plg79.0000, Azm356.0000; N

2020 JUN

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other technical details. Includes stations like SIVA, NPS, ZKR, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like KARY, AYDN, DGB, etc.

1160

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like DLBC Dease Lake, PLBC Pleasant Camp, P29M Windy Craggy, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like STKA Stephens Creek, CTA Charters Tower, CTAO Charters Tower, etc.

Bottom section containing various codes and station names, including IDC 19 07:44:42.3, 3.0, 33.22S; 178.00W, h0km, mb4.2/2, etc.

19d 9h

KURBB	Kurchatov Arra	6.05 237	Pn	Pn	08 06 48.8	-0.7
0.1nm,0.3s,baz=53,slow=13,SNR=3.1						
0.3nm,0.4s						
MKAR	Makanchi Array	7.90 201	Pn	Pn	08 07 17.6	+2.5
0.1nm,0.3s,baz=25,slow=13,SNR=1.2						
0.2nm,0.3s						

1DC 19 08:10:28.7±3.0,53.57N±87.71E,h0km,mbtmp2.1/2,ML2/2,Error ellipse: s-maj=28.3km s-min=17.4km az=54.0

ASRS 19 08:20:26.0±1.0,53.53N±87.70E,h0km,M2.5(MOS),The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
ZALV	Zalesovo Beam	1.76 285	Op	h m s	ISC
1.5nm,0.3s,baz=100,slow=14,SNR=10					
ZALV			Lg	08 11 24.0	
1.7nm,0.3s,baz=105,slow=27,SNR=7.1					
I46RU	ZALESOVO INFRA	1.76 285	I	08 21 30.0	
0.1nm,0.8s,baz=100,slow=324,SNR=2.5					
KURBB	Kurchatov Arra	6.36 246	Pn	08 12 04.4	+3.5
0.1nm,0.3s,baz=62,slow=14,SNR=4.6					
KURBB			Lg	08 13 52.5	
0.7nm,62,slow=31,SNR=5.2					
MKAR	Makanchi Array	7.58 209	Pn	08 12 22.2	+4.5
0.3nm,0.3s,baz=31,slow=14,SNR=6.9					
0.4nm,0.3s					

1DC 19 08:11:56.6±1.7,53.04N±85.45E,h0km,mbtmp2.8/2,ML2.3/2,Error ellipse: s-maj=18.9km s-min=11.1km az=93.0, Southwestern Siberia

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
I46RU	ZALESOVO INFRA	0.99 338	I	08 16 50.0	
0.1nm,0.9s,baz=159,slow=14,SNR=14					
ZALV	Zalesovo Beam	0.99 338	Op	h m s	ISC
0.1nm,0.3s,baz=159,slow=14,SNR=1.1					
ZALV			Lg	08 12 30.8	
0.5nm,0.3s,baz=157,slow=19,SNR=2.9					
KURBB	Kurchatov Arra	4.93 243	Pn	08 13 12.9	+1.0
0.4nm,0.4s					
MKAR	Makanchi Array	6.58 199	Pn	08 13 35.9	+1.3
0.2nm,0.3s,baz=24,slow=13,SNR=6.0					
0.7nm,0.5s					

1DC 19 08:12:44.2±2.1,33.25S±178.18W,h0km,mb3.7/3,mbtmp3.8/4,ML3.4/1,Error ellipse: s-maj=48.3km s-min=37.7km az=58.0, South of Kermadec Islands

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
URZ	Urewera	6.29 216	Op	h m s	ISC
0.9nm,0.3s,baz=41,slow=18,SNR=1.4					
URZ			Sn	08 15 27.5	-3.4
2.2nm,0.3s,baz=276,slow=22,SNR=10					
1.1nm,0.9s					
ASAR	Alice Springs	42.88 270	P	08 20 44.8	+0.2
0.9nm,0.6s,baz=111,slow=7.4,SNR=18					
0.9nm,0.6s					
WRA	Warramunga Arr	44.13 275	P	08 20 54.5	-0.1
0.5nm,0.4s,baz=116,slow=7.6,SNR=17					
0.5nm,0.4s					
QSPA	South Pole Qui	56.87 180	P	08 22 30.8	+0.4
0.6nm,0.7s,baz=349,slow=9.3,SNR=1.9					
0.6nm,0.7s					
FINES	FINES Array B	147.75 338	PKPbc	08 32 29.0	-1.1
1.1nm,0.8s,baz=41,slow=4.4,SNR=5.1					

1DC 19 08:25:11.8±2.1,24.83N±123.29E,h0km,mb3.7/4,mbtmp3.7/4,Error ellipse: s-maj=167.0km s-min=21.8km az=65.0

JMA 19 08:25:12.8±2.0,24.9N±123.4E±0.3,h23km,MV3.2/11,NW OFF ISHIGAKI/JMA IS

1DC 19 08:25:12.2±1.8,24.86N±123.43E±0.04,h6km,13km,n12,±0.568/19,mb3.8/4, Southwestern Ryukyu Islands

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
YOJ	Yonaguni jima	0.55 224	Op	h m s	ISC
0.5nm,0.5s,baz=104,slow=9.7,SNR=6.3					
YOJ			eS	08 25 31.3	-0.9
IRIF	Iriomote-Funau	0.59 152	eP	08 25 24.5	-0.4
IRIF			eS	08 25 33.4	-0.1
JYNG	Yonagunijimaku	0.59 227	eP	08 25 27.4	-0.3
JYNG			eS	08 25 28.4	-0.8
JKRS	Kuro-shima	0.81 139	eP	08 25 28.4	+0.5
JKRS			eS	08 25 39.3	-0.7
JIJ	Ishigaki jima	0.82 127	eP	08 25 27.9	0.0
JIJ			eS	08 25 38.4	-0.1
JISG	Ishigakijimahi	0.85 108	eP	08 25 28.4	0.0
JISG			eS	08 25 40.0	+0.5
HATJ	Hateruma jima	0.87 156	eP	08 25 29.9	-0.2
HATJ			eS	08 25 41.0	-0.5
HATJ	Tarama	1.18 100	eP	08 25 34.2	-0.7
HATJ			eS	08 25 42.0	-0.7
SONM	Songino Array	26.61 334	P	08 30 51.6	+0.2
1.2nm,0.6s,baz=149,slow=9.7,SNR=6.3					
1.2nm,0.6s					
MKAR	Makanchi Array	39.30 314	P	08 32 40.0	0.0
0.4nm,0.5s,baz=104,slow=9.1,SNR=3.7					
0.4nm,0.5s					
WRA	Warramunga Arr	45.78 166	P	08 33 34.1	-0.6
0.8nm,0.8s,baz=347,slow=8.7,SNR=12					
0.8nm,0.8s					
ASAR	Alice Springs	49.29 167	P	08 34 03.8	+1.7
0.8nm,0.8s,baz=346,slow=8.7,SNR=9.1					
0.8nm,0.8s					

1DC 19 08:26:32.5±2.0,32.99S±177.94W,h0km,mb4.1/3,mbtmp4.1/4,ML3.3/1,MS3.4/1,Error ellipse: s-maj=48.1km s-min=36.9km az=58.0

NEIC 19 08:26:34.7±1.1,33.15S±178.0W±0.2,h10km,13km,mb4.5/12,Error ellipse: s-maj=22.8km s-min=9.8km az=95.0

1DC 19 08:26:34.6±1.0,33.17S±178.0W±0.1,h10km,n23,±0.91/23,mb4.7/3, South of Kermadec Islands

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
RAO	Raoul Island	3.91 3	Pn	08 27 34.1	-0.6
URZ	Urewera	6.39 216	Pn	08 28 10.2	+1.5
0.7nm,0.3s,baz=342,slow=29,SNR=1.3					
URZ			Sn	08 29 20.3	-1.5
5.2nm,0.3s,baz=59,slow=17,SNR=13					
3.7nm,0.3s					
RTZ	Ruatahunu	6.73 215	Pn	08 28 13.8	+0.2
MARNC	Mare, Loyalty	16.92 310	Pn	08 30 30.1	-1.4
OUCNC	Ouen Island, N	17.06 305	Pn	08 30 36.8	+0.4
OUCNC			Iamb	08 30 48.7	
comp=Z,20nm,1.0s					
DZM	Mont Dzac	17.56 305	LR	08 35 50.5	
SANVU	Sarautouu	22.09 319	P	08 31 30.1	+0.1
SANVU			Iamb	08 31 39.1	
comp=Z,26nm,0.8s					
TAU	Tasmania Unive	28.73 240	P	08 32 32.2	+0.2
MGBR	Mount Gambier	33.76 250	P	08 33 15.8	-0.6
CTAO	Charters Tower	34.23 283	P	08 33 20.1	-0.7
CTAO			Iamb	08 33 47.9	
comp=Z,11nm,1.1s					
AS31	Alice Springs	42.93 270	P	08 34 34.2	+0.4
ASAR	Alice Springs	49.29 167	P	08 34 34.9	+1.1
comp=Z,1.8nm,0.7s,baz=109,slow=7.4,SNR=19					
comp=Z,1.8nm,0.7s					
ASAR	Alice Springs	42.93 270	P	08 34 33.6	-0.2
WRR	Warramunga Arr	44.02 275	P	08 34 42.7	+0.1
WRR			Iamb	08 34 44.8	
comp=Z,4.8nm,0.9s					
WRA	Warramunga Arr	44.17 275	P	08 34 43.9	+0.1
comp=Z,1.4nm,0.6s,baz=115,slow=7.6,SNR=15					
comp=Z,1.4nm,0.6s					
WRA	Warramunga Arr	44.17 275	P	08 34 43.8	0.0
QSPA	South Pole Qui	56.95 180	P	08 36 20.7	+0.8
comp=Z,3.9nm,1.1s,baz=350,slow=1.7,SNR=3.9					
comp=Z,3.9nm,1.1s					
QSPA	South Pole Qui	56.95 180	P	08 36 19.8	-0.1
QSPA			Iamb	08 36 48.8	
comp=Z,4.2nm,0.8s					

JAGI	Jajag, Banyuwa	66.78 275	P	P	08 37 27.3	+0.6
KKM	Kota Kinabalu	73.33 289	Iamb	Iamb	08 38 08.0	+1.0
KKM			Iamb	Iamb	08 38 29.6	
comp=Z,6.5nm,0.8s						
VNA3	Neumayer Olymp	75.56 177	P	P	08 38 17.4	-1.5
VNA3	Neumayer-Watz	75.99 177	P	P	08 38 20.3	-1.1
0.6nm,0.3s,baz=103,slow=15,SNR=9.6						
0.2nm,0.3s,baz=163,slow=4.4						
FINES	FINES Array B	147.69 338	PKPbc	PKPdf	08 46 11.7	+1.3
comp=Z,1.9nm,0.9s,baz=45,slow=4.1,SNR=5.3						

1DC 19 08:35:14.7±3.2,53.64N±87.96E,h0km,mbtmp2.7/2,ML2/2,Error ellipse: s-maj=30.1km s-min=19.4km az=49.0

ASRS 19 08:35:14.0±1.0,53.65N±88.01E,h0km,M2.6(MOS),The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
I46RU	ZALESOVO INFRA	1.92 280	Op	h m s	ISC
0.2nm,0.3s,baz=96,slow=321,SNR=5.1					
ZALV	Zalesovo Beam	1.92 280	Pn	08 35 49.2	-0.6
0.6nm,0.3s,baz=103,slow=15,SNR=9.6					
ZALV			Lg	08 36 15.2	
2.3nm,0.3s,baz=97,slow=25,SNR=13					
KURBB	Kurchatov Arra	6.58 246	Pn	08 36 51.8	0.0
0.1nm,0.3s,baz=59,slow=14,SNR=6.3					
KURBB			Lg	08 38 41.9	
0.3nm,0.3s					
MKAR	Makanchi Array	7.78 210	Pn	08 37 10.6	+2.2
0.1nm,0.3s,baz=21,slow=13,SNR=2.4					
0.1nm,0.3s					

WEL 19 08:36:12.0±1.1,35.5°N±179°W,1°6',h12km,M3.8/9,ML3.9/14,MLV3.8/9,Error ellipse: s-maj=23.5km s-min=7.1km az=121.5, confirmed, East of North Island

Code	Station Name	Δ° AZ°	Phase ID	Time	Res
PKGZ	Pakihiroa	3.62 219	Op	h m s	ISC
PKGZ			Pn	08 37 08.0	0.0
PUZ	Puketiti	3.69 215	P	08 37 09.7	+0.7
PUZ			S	08 37 53.5	+1.0
HAZ	Te Kaha	3.70 223	P	08 37 09.7	+0.7
HAZ			Pn	08 37 55.3	+2.8
RUGZ	Raukumara Rang	5.91 221	P	08 37 12.3	+0.3
TWGW	Tauwhareparea	3.91 217	P	08 37 11.7	-0.3
TWGW			S	08 38 00.9	+3.1
TKGZ	Te Karaka	4.18 216	P	08 37 16.2	+0.5
TKGZ			S	08 38 05.3	+0.9
MWZ	Matawai	4.26 219	P	08 37 16.3	+0.5
MWZ			S	08 38 07.3	+0.8
URZ	Urewera	4.43 223	P	08 37 18.5	-0.6
URZ			S	08 38 10.4	-0.2
RIGZ	Rimuahu	4.44 214	P	08 37 19.3	+0.1
RIGZ			S	08 38 11.8	+1.0
RAGZ	Rawiri	4.44 219	P	08 37 18.5	-0.8
RAGZ			S	08 38 12.1	+1.2
SNZG	Shannon Station	4.70 217	P	08 37 23.4	+0.7
SNZG			S	08 38 17.7	+0.5
RTZ	Ruatahunu	4.76 221	P	08 37 23.3	-0.4
RAHZ	Ararahi	4.93 218	P	08 37 26.1	+0.2
RAHZ			S	08 38 11.9	+1.0
MTHZ	Maungataniwha	5.00 220	P	08 37 27.5	+0.5
MTHZ			S	08 38 26.2	+1.4
TOZ	Tahuroa Road	5.13 237	P	08 37 28.9	+0.2
NMHZ	Naumai	5.21 218	P	08 37 28.7	-1.1
NMHZ			S	08 38 31.3	+1.3
BKZ	Black Stump Fm	5.42 220	P	08 37 32.0	-0.7
BKZ			S	08 38 35.3	+0.2
WCZ	Waipu Caves	5.46 259	P	08 37 33.3	+0.1
MCHZ	McNeill Hill	5.53 217	P	08 37 33.6	-0.5
MCHZ			S	08 38 38.6	+1.0
KWHz	Kaweka Forest	5.65 218	S	08 37 31.3	+0.3
KWHz			S	08 38 40.0	-0.7
OTVZ	Oturere	5.87 224	P	08 37 38.1	-0.9
BHZ	Black Hill Sta	5.88 220	P	08 37 38.0	-1.1
BHZ			S	08 38 46.3	-0.2

WEL 19 08:41:01.5±0.7,33°S±107°W,92°3',h12km,M4.3/10,mb4.9/6,ML4.4/18,MLV4.4/10,M(WMB)4.2/6,Error ellipse: s-maj=32.9km s-min=3.0km az=112.0, confirmed

NOU 19 08:42:21.0±0.8,38.01S±176.66E,h6km,mb4.3/6,North Island, New Zealand

1DC 19 08:40:58.9±2.1,33.65°S±178°W±0.3,h10km,n30,±1.48/51, South of Kermadec Islands

Table with columns: MDT, Midelt, 79.68, 6, LR, LR, 09 56 16.4. Includes stations like SJG, MMAL, R32K, M13M, I30M, EPYK, E29M, G29M, K29M, C23K, ILAR, ILAR.

IDC 19 09:17:52.3:0.9, 147.88N:147.98E, h0km, mb3.9/11, mbtmp3.9/12, ML4.0/1, MS3.0/3, Error ellipse: s-maj=31.1km s-min=17.2km az=99.0, NEIC 19 09:17:53.3:1.1, 147.78N:0.09:147.89E:0.09, h10km, 1km, mb4.6/38, Error ellipse: s-maj=16.9km s-min=13.2km az=21.0

ISC 19 09:17:52.9:0.5, 147.6N:0.08:147.92E:0.07, h10km, n69, o+99/62, mb4.5/29, MS3.2/3, Marianne Islands region

Main table for station 1167, listing station names, coordinates, and various parameters like time, phase, and resonance.

Table for station 1168, including stations like KBZ, PV01, FINES, and NNC 19 09:17:45.2:1.3, 38.16N:72.12E, h159km, 25km, mb2.7.

IDC 19 09:20:09.3:2.3, 33.85S:178.66W, h0km, mb3.6/2, mbtmp3.7/3, ML3.7/3, Error ellipse: s-maj=77.6km s-min=46.9km az=125.0, South of Kermadec Islands

Main table for station 1168, listing station names, coordinates, and various parameters like time, phase, and resonance.

Table for station 1169, including stations like ILGA, ABKAR, KURB, KURK, TORO, BVAR, BJT, DBIC, ZALV, ZALV, MLR, HOPE.

JMA 19 09:30:03.0:0.1, 24.1N:2.123:123.0E:0.5, h48km, 1km, MV2.8/14, NW OFF ISHIGAKIJIMA IS

Main table for station 1169, listing station names, coordinates, and various parameters like time, phase, and resonance.

19d 10h

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like WCKO, TPUB, CHN4, etc.

2020 JUN

Principal axes: T 4.4720, Plg25.0000°, Azm6.0000°; N -1.0350, Plg54.0000°, Azm137.0000°; P -3.4370, Plg23.0000°, Azm264.0000°. nsta1 refers to body waves, cutoff=40s. Triangular moment-rate function

NEIC 19 10:07:59.9, 17.365S; 178.717W, h540km, Moment Tensor Solution. Duration: 3s2 Moment tensor: Scale 1017Nm; M1=0.47; M2=2.66; M3=2.20; M4=1.58; M5=0.19; M6=1.34; Fault plane solution: M3.22000x1017 NP1047.550000°, 348.760000°, 174.130000°. NP203313.680000°, 585.590000°, 141.390000°. Principal axes: T 3.4112, Plg24.0000°, Azm8.0000°; N -0.4181, Plg48.0000°, Azm123.0000°; P -2.9331, Plg31.0000°, Azm262.0000°; ISC 19 10:07:55.3, 0.3, 17.505S; 0.03; 178.77W, 0.03, h546km, 2km, h547km; P-P, n1497, 1°18'1371, mB5.3/482, 52C-59D, Fiji Islands region

Main table listing station data for 2020 JUN. Columns include Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations from MSFV to PPT2.

1168

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists stations from PPT2 to HTT.

IDC 19 09:30:18.6; 3.5, 54.22N; 87.24E, h0km, mbtmp2.6/2, ML2.4/2, Error ellipse: s-maj=31.9km s-min=20.6km az=48.0

ASRS 19 09:30:17.0; 1.0, 54.16N; 87.29E, h0km, M2.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H46RU, ZALV, ZALV, KURBB, MKAR.

IDC 19 09:32:32.4; 3.3, 54.45N; 87.14E, h0km, mbtmp2.7/2, ML2.7/2, Error ellipse: s-maj=29.9km s-min=18.6km az=52.0

ASRS 19 09:32:36.0; 1.3, 54.31N; 86.70E, h0km, M2.6(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H46RU, ZALV, ZALV, KURBB, MKAR.

IDC 19 09:41:45.7; 3.8, 53.57N; 87.98E, h0km, mbtmp2.8/2, ML2.5/2, Error ellipse: s-maj=39.7km s-min=19.5km az=50.0

ASRS 19 09:41:45.0; 1.0, 53.56N; 87.66E, h0km, M2.7(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H46RU, ZALV, ZALV, KURBB, MKAR.

IDC 19 09:43:01.5; 3.5, 53.58N; 87.96E, h0km, mbtmp2.7/2, ML2.4/2, Error ellipse: s-maj=35.7km s-min=18.8km az=51.0

ASRS 19 09:42:58.0; 0.8, 53.60N; 87.98E, h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Azimuth, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H46RU, ZALV, ZALV, KURBB, MKAR.

BJI 19 10:07:54.0, 17.13S; 178.53W, h537km, mB5.0/21, mB5.0/57

NOU 19 10:07:55.0, 17.47S; 178.91W, h538km, ML5.4/161, Fiji Islands Region

GFZ 19 10:07:55.6, 17.47S; 178.95W, h542km, MW5.6, Moment Tensor Solution. s43 Moment tensor: M0=0.17; M1=2.54; M2=2.38; M3=1.80; M4=0.38; M5=0.33; Fault plane solution: NP1038.00000°, 585.00000°, 134.00000°. NP203313.550000°, 174.00000°. Principal axes: T 3.5300, Plg27.0000°, Azm7.0000°; N -0.8700, Plg54.0000°, Azm144.0000°; P -2.6600, Plg20.0000°, Azm266.0000°

IDC 19 10:07:55.5, 0.5, 17.505S; 178.91W, h542km, 4km, mb4.7/28, mbtmp5.5/32, Error ellipse: s-maj=9.7km s-min=6.1km az=141.0

NEIC 19 10:07:55.4, 17.46S; 178.92W, h535km

MOS 19 10:07:55.1, 17.41S; 178.99W, h543km, mb5.4/39, Error ellipse: s-maj=8.3km s-min=7.4km az=102.5

NEIC 19 10:07:55.4, 17.46S; 178.92W, h535km, Moment Tensor Solution. Moment tensor: Scale 1017Nm; M1=0.39; M2=1.89; M3=2.28; M4=2.89; M5=0.22; M6=1.38; Fault plane solution: M3.84000x1017 NP1038.00000°, 586.620000°, 155.780000°. NP203313.550000°, 134.370000°, 174.00000°. Principal axes: T 4.2002, Plg39.0000°, Azm8.0000°; N -0.8614, Plg34.0000°, Azm131.0000°; P -3.3389, Plg33.0000°, Azm247.0000°

NEIC 19 10:07:55.0, 1.6, 17.43S; 0.09; 178.92W, 0.09, h544km, 4km, mb5.3/693, Mwb5.7/30, Mw5.6/11 Error ellipse: s-maj=13.6km s-min=12.4km az=137.0

GGMT 19 10:07:57.9, 0.2, 17.50S; 0.02; 178.85W, 0.02, h553km, 1km, MW5.7/125, Moment Tensor Solution. s125, c217; Duration: 1s7 Moment tensor: Scale 1017 Nm; M1=0.39±0.04; M2=1.89±0.07; M3=2.28±0.07; M4=2.89±0.07; M5=0.22±0.07; M6=1.38±0.07; Best double couple: M3.95500x1017 NP1038.00000°, 584.00000°, 178.00000°. NP203313.550000°, 136.00000°

Table with columns: Station Name, Frequency, Mode, Power, and other parameters. Includes stations like Murray Bridge, Jamestown Cent, GHSS Government Hou, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other parameters. Includes stations like NWAOW Narrogin (SRO), BAI Bing, Sumba, RKGY Rocky, etc.

Table with columns: Station Name, Frequency, Mode, Power, and other parameters. Includes stations like YOJ Yonaguni jima, YOJ Yonaguni, JKA Kamikawa-asahi, etc.

19d 10h

Table with columns: Station Name, Comp, Az, El, P, M, T, S, R, D, A, B, C, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, and other numerical values.

2020 JUN

Table with columns: Station Name, Comp, Az, El, P, M, T, S, R, D, A, B, C, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, and other numerical values.

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Table with columns: Station Name, Comp, Az, El, P, M, T, S, R, D, A, B, C, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, and other numerical values.

BBB	Bella Bella	82.12	29	I	Amb	I	Amb	10 19 20.7
GLI	Glacier Island	82.15	15	P				10 19 18.2 -0.5
PGC	Sidney	82.16	33	I	Amb	I	Amb	10 19 20.9
X16A	Lo Mia Camp, P	82.19	50	I	Amb	I	Amb	10 19 22.9
FID	Port Fidalgo	82.19	15	I	Amb	I	Amb	10 19 19.5
EYAK	Cordova Ski Ar	82.20	16	P				10 19 18.5 -0.5
EYAK	Cordova Ski Ar	82.20	16	P				10 19 18.6 -0.4
EYAK	Cordova Ski Ar	82.20	16	P				10 19 18.8 -0.2
M22K	Willow	82.21	13	P				10 19 18.5 -0.4
MNSI	Mandailing Nat	82.27	273	P				10 19 19.5 -0.9
CCUT	Cedar City	82.28	47	P				10 19 21.7 +1.4
CCUT	Cedar City	82.28	47	P				10 19 23.2
KNK	Knik Glacier	82.28	14	I	Amb	I	Amb	10 19 20.3
KNK	Knik Glacier	82.28	14	P				10 19 19.3 -0.1
CRAG	Craig	82.28	24	P				10 19 20.8 +1.3
CRAG	Craig	82.28	24	P				10 19 20.5 +1.0
PMR	Palmer	82.29	14	P				10 19 18.6 -0.8
PMR	Palmer	82.29	14	I	Amb	I	Amb	10 19 20.2
PMR	Palmer	82.29	14	P				10 19 19.0 -0.3
I17K	Unalakleet	82.33	8	I	Amb	I	Amb	10 19 21.5
I17K	Unalakleet	82.33	8	P				10 19 20.2 +0.7
RAGM	Ragged Mountai	82.35	16	P				10 19 19.9 0.0
RAGM	Ragged Mountai	82.35	16	I	Amb	I	Amb	10 19 21.0
HEH	Heihe	82.38	328	I	P			10 19 20.1 0.0
HEH	Heihe	82.38	328	S	SKS	SKS	SKS	10 28 48.8 0.0
HEH	Heihe	82.38	328	S	SKS	SKS	SKS	10 28 53.6 -0.3
HEH	Heihe	82.38	328	S	SKS	SKS	SKS	10 28 53.6 -0.3
KNB	Kanata	82.41	48	I	Amb	I	Amb	10 19 23.6
PSUT	Pine Spring	82.42	46	P				10 19 22.0 +1.0
PSUT	Pine Spring	82.42	46	I	Amb	I	Amb	10 19 23.2
ANM	Nome	82.45	6	I	Amb	I	Amb	10 19 22.0
ANM	Nome	82.45	6	P				10 19 20.6 +0.5
319A	Douglas	82.46	54	I	Amb	I	Amb	10 19 24.6
F07A	Phinny Hill Vi	82.48	37	I	Amb	I	Amb	10 19 22.8
SZCU	Shurtz Canyon	82.50	47	I	Amb	I	Amb	10 19 24.1
U15A	North Rim	82.50	48	I	Amb	I	Amb	10 19 23.2 +1.7
U15A	North Rim	82.50	48	I	Amb	I	Amb	10 19 24.5
ELK	Elko	82.60	43	P				10 19 22.9 +1.1
ELK	Elko	82.60	43	P				10 21 19.7 +1.1
ELK	Elko	82.60	43	P				10 22 41.2 -0.4
ELK	Elko	82.60	43	P				10 19 22.7 +0.9
ELK	Elko	82.60	43	P				10 19 24.0
BELA	Belgraz	82.61	173	I	Amb	I	Amb	10 19 22.0
BERG	Berg Lake	82.62	17	I	Amb	I	Amb	10 19 22.4
SIT	Sitka	82.63	22	P				10 19 22.1 +0.9
SIT	Sitka	82.63	22	I	Amb	I	Amb	10 19 23.0
SIT	Sitka	82.63	22	P				10 19 21.7 +0.5
KULM	Kulim	82.63	278	P				10 19 22.3 0.0
KULM	Kulim	82.63	278	I	Amb	I	Amb	10 19 23.7
KULM	Kulim	82.63	278	P				10 19 22.3 0.0
RUBB	Prince Rupert	82.64	26	P				10 19 22.6 +1.2
MXC	Moxie City	82.66	36	I	Amb	I	Amb	10 19 23.8
SML	Sawmill	82.66	14	P				10 19 20.9 -0.4
SML	Sawmill	82.66	14	I	Amb	I	Amb	10 19 35.0
SML	Sawmill	82.66	14	P				10 19 21.0 -0.4
DIV	Divide	82.69	15	P				10 19 21.2 -0.3
G06A	Pilot Rock	82.70	38	I	Amb	I	Amb	10 19 24.2
WUAZ	Wupatki	82.70	94	I	Amb	I	Amb	10 19 24.1 +1.6
WUAZ	Wupatki	82.70	94	I	Amb	I	Amb	10 19 25.4
CUT	Chullina	82.75	13	P				10 19 21.3 -0.4
CUT	Chullina	82.75	13	P				10 19 21.3 -0.4
U33K	Whale Pass	82.75	24	I	Amb	I	Amb	10 19 22.8 +1.0
U33K	Whale Pass	82.75	24	P				10 19 22.6 +0.8
L22K	Petersville	82.76	13	P				10 19 20.8 -1.1
V35K	Ketchikan	82.78	25	I	Amb	I	Amb	10 19 22.1
V35K	Ketchikan	82.78	25	I	Amb	I	Amb	10 19 22.9 +0.9
M23K	Glacier View	82.79	14	P				10 19 21.3 -0.6
PPLA	Purkeypile	82.80	12	P				10 19 20.3 -1.8
LTY	Liberty	82.84	36	I	Amb	I	Amb	10 19 24.3
H16K	Elim	82.86	7	P				10 19 22.6 +0.4
BMRM	Bremner River	82.86	16	P				10 19 22.2 -0.1
BMRM	Bremner River	82.86	16	I	Amb	I	Amb	10 19 23.3
BMRM	Bremner River	82.86	16	P				10 19 22.3 -0.1
K20K	Telida	82.87	11	P				10 19 22.4 0.0
E07A	Sunnyside	82.89	37	I	Amb	I	Amb	10 19 25.1
SCM	Sheep Creek Mo	82.92	14	P				10 19 22.5 -0.2
KLU	Klutina	82.97	15	I	Amb	I	Amb	10 19 23.9
KLU	Klutina	82.97	15	P				10 19 22.8 -0.2
HAWA	Hanford	82.98	37	I	Amb	I	Amb	10 19 25.5
HNS	HongShan	82.99	313	I	P			10 19 25.1 +1.6
S31K	Pelican	82.99	21	I	Amb	I	Amb	10 20 0.3 +2.6
S31K	Pelican	82.99	21	P				10 19 23.7 +0.8
G15K	Niukluk	83.00	6	P				10 19 23.3 +0.4
CRQE	Cirque	83.08	17	P				10 19 23.7 +0.1
A05A	Mazy Falls	83.09	34	P				10 19 24.2 +0.5
DUNB	Lazy B Ranch	83.12	53	I	Amb	I	Amb	10 19 27.8
YPT	Yellepit	83.12	37	I	Amb	I	Amb	10 19 25.3
J19K	Poorman	83.19	10	I	Amb	I	Amb	10 19 24.2 +0.3
J19K	Poorman	83.19	10	I	Amb	I	Amb	10 19 24.9
J19K	Poorman	83.19	10	P				10 19 24.5 +0.6
S32K	Killisnoo	83.21	22	I	Amb	I	Amb	10 19 26.0
S32K	Killisnoo	83.21	22	P				10 19 24.6 +0.6
TNA	Tin City	83.21	5	P				10 19 24.4 +0.5

F14K	Arctic Creek	83.25	5	P				10 19 24.7 +0.6
WRAK	Wrangell Islan	83.27	24	I	Amb	I	Amb	10 19 26.4
WRAK	Wrangell Islan	83.27	24	P				10 19 25.4 +0.9
CAST	Castle Rocks	83.30	12	P				10 19 23.0 -1.4
SEY	Seymchan	83.30	347	C	P	P	P	10 19 23.9 -0.5
LYN	LuoYang	83.30	309	P				10 19 26.5 +1.4
LYN	LuoYang	83.30	309	S				10 29 05.1 +4.2
LYN	LuoYang	83.30	309	S				10 29 05.1 +4.2
MTPU	Mount Pierson	83.34	47	I	Amb	I	Amb	10 19 29.0
PCA	Pinnacle	83.36	18	P				10 19 25.0 +0.1
PCA	Pinnacle	83.36	18	I	Amb	I	Amb	10 19 26.1
PINM	Pinnacle	83.36	18	P				10 19 25.0 +0.1
VRDI	Verde Repeater	83.38	16	P				10 19 25.0 -0.2
VRDI	Verde Repeater	83.38	16	I	Amb	I	Amb	10 19 26.2
N25K	Chitina, Valde	83.40	16	P				10 19 25.1 0.0
TCRU	Three Creeks R	83.42	46	I	Amb	I	Amb	10 19 29.0
M24K	Tolsona, Glenn	83.43	15	P				10 19 25.6 +0.4
H17K	Granite Mount	83.44	8	P				10 19 25.0 0.0
RPSI	Rantau Prapat	83.47	275	I	Amb	I	Amb	10 19 26.9
WAT6	Susitna Watana	83.47	14	P				10 19 25.1 -0.4
EPH	Ephrata	83.49	36	I	Amb	I	Amb	10 19 27.7
PSI	Prapat	83.50	275	P				10 19 25.6 -1.2
PSI	Prapat	83.50	275	P				10 19 25.3 -1.5
WAT1	Susitna Watana	83.51	13	P				10 19 25.1 -0.4
J20K	Nowinta River	83.61	11	I	Amb	I	Amb	10 19 27.1
J20K	Nowinta River	83.61	11	P				10 19 26.0 0.0
MCARA	McCarthy VSAT	83.63	16	I	Amb	I	Amb	10 19 27.4
MCARA	McCarthy VSAT	83.63	16	P				10 19 26.3 +0.2
F15K	North Star Dit	83.64	6	P				10 19 26.0 -0.1
KTH	Kantishna Hill	83.65	12	I	Amb	I	Amb	10 19 26.1
CHUM	Lake Minchum	83.67	11	P				10 19 25.5 -0.8
TRF	Thorofare Moun	83.68	12	P				10 19 25.7 -0.9
GCSA	Galena City Sc	83.69	9	P				10 19 26.6 +0.3
D08A	Wollman Farm	83.70	36	I	Amb	I	Amb	10 19 29.0
ENH	Enshi	83.75	304	P				10 19 28.3 +0.7
ENH	Enshi	83.75	304	I	Amb	I	Amb	10 19 28.2 +0.7
ENH	Enshi	83.75	304	I	Amb	I	Amb	10 19 29.3
P29M	Windy Craggy	83.78	20	P				10 19 27.5 +0.6
R32K	Eaglecrest	83.83	22	I	Amb	I	Amb	10 19 29.1
R32K	Eaglecrest	83.83	22	P				10 19 28.1 +0.9
H18K	Honhosa River	83.85	9	P				10 19 26.7 -0.5
JIS	Juneau Island	83.88	22	P				10 19 28.2 +0.8
G17K	Kiwalik Mounta	83.88	7	P				10 19 27.2 -0.1
O28M	Mount Ounta	83.93	18	P				10 19 28.2 +0.2
HARP	HAARP	83.93	15	P				10 19 27.7 0.0
BESE	Bessie Mounta	83.94	21	I	Amb	I	Amb	10 19 29.8
DHY	Denali Highway	83.98	14	P				10 19 27.6 -0.5
O29M	Mount Kennedy	84.04	19	I	Amb	I	Amb	10 19 29.4
O29M	Mount Kennedy	84.04	19	P				10 19 28.8 +0.4
PLBC	Pleasant Camp	84.09	20	P				10 19 29.2 +0.8
I20K	Naaghedeneel	84.12	10	P				10 19 28.9 +0.4
MAW	Mawson	84.13	200	P				10 19 29.0 +0.4
MAW	Mawson	84.13	200	P				10 21 26.1 +0.5
MAW	Mawson	84.13	200	P				10 19 29.3 +0.7
MAW	Mawson	84.13	200	P				10 19 29.1 +0.5
MAW	Mawson	84.13	200	P				10 19 29.1 +0.5
LLBL	Lillooet	84.16	32	I	Amb	I	Amb	10 19 30.8
MCK	McKinley	84.22	13	P				10 19 28.4 -0.6
GSI	Gunungstoli	84.33	273	P				10 19 31.4 +0.7
GSI	Gunungstoli	84.33	273	P				10 19 31.1 +0.4
PAX	Paxson	84.34	15	I	Amb	I	Amb	10 19 30.2
PAX	Paxson	84.34	15	P				10 19 29.1 -0.6
PLID	Pearl Lake	84.35	39	I	Amb	I	Amb	10 19 33.3
P30M	Million Dollar	84.41	20	P				10 19 31.0 +1.0
SKAG	Skagway	84.44	21	P				10 19 31.3 +1.2
SKAG	Skagway	84.44	21	P				10 19 31.4 +1.3
YUK8	Steele Glacier	84.46	18	P				10 19 30.8 +0.2
M26K	Nabesna, AK	84.48	16	P				10 19 30.5 +0.1
H19K	Roundabout Mou	84.48	9	P				10 19 31.7
T35M	Bob Quinn	84.49	24	I	Amb	I	Amb	10 19 32.8
T35M	Bob Quinn	84.49	24	P				10 19 31.8 +1.3
G18K	Tagagawik	84.52	8	P				10 19 30.0 -0.4
GYA	Guyang	84.53	300	I	P			

19d 10h

Table with columns: Name, Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries like DAVA Damuels, LJU Ljubljana, FETA Feichten, etc.

NEIC 19 10:17:08.4±1.8, 44.222N, 0.02±115.13W, 0.03, h10km±2km, ML2.7/8.2, Error ellipse: s-maj=4.1km s-min=3.1km az=240.0, Western Idaho

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries like HAILEY, CAMAS RANCH, PEARL LAKE, etc.

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Table with columns: SPUT, STMT, JETTE, E08A, YMP, YMP, BGU, HWUT, HWUT, YNE, D08A, WAH2, G06A, G06A, G06A, G06A, NOQ, NOQ, PINE. Includes station names like South Promonto, Dider Farm, etc.

NOU 19 10:24:57.5, 33.525S, 176.22E, h72km, MLv5.0/8, North of New Zealand

Code Station Name Az Az2 Phase ID Time Res. Includes entries like MXZ Matakaoa Point, MXZ Matakaoa Point, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries like KAHARUA, MATAKAOA POINT, etc.

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Table with columns: Name, Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes entries like TPB, TPB, TPB, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station ID, Time, Residual, and other parameters. Includes stations like HULI Fort Hunter Li, FORD Fort Ord Natur, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station ID, Time, Residual, and other parameters. Includes stations like ILAR Eielson Array, ILAR PRP Porcupine Dome, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Station ID, Time, Residual, and other parameters. Includes stations like MWZ Urewera, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, Az2, Phase, ID, Op, ISC, Time, Res, ISC. Includes stations like MALATYA/MERKEZ, ELZAG, MADEN, etc.

ISK 19 11:38:47.1, 38.27N, 38.76E, h2km, ML3.6/18
AFAD 19 11:38:47.6, 38.26N, 38.73E, h7km, 1km, ML3.5
ISC 19 11:38:48.1, 1, 38.27N, 0.02, 38.75E, 0.02, h7km, 9km, n32, c084/49, Turkey

Main table of station data for the left column, including stations like MALATYA/MERKEZ, ELZAG, MADEN, etc.

ISC 19 11:41:05.0, 3.2, 30.48S, 177.15W, h0km, mb3.6/2, mbtmp3.7/3, ML3.4/1, MS3.9/1, Error ellipse: s-maj=77.3km s-min=37.8km az=114.0, Kermadec Islands

Table of station data for the bottom left section, including stations like UREWERA, ALICE SPRINGS, WARRAMUNGA ARR, etc.

Table of station data for the middle column, including stations like WARRAMUNGA ARR, FITZ FITZROY CROSSI, QSPA SOUTH POLE QUI, etc.

AEIC 19 12:43:56.2, 1.7, 56.48N, 148.9W, 0.1, h11km, 8km, Error ellipse: s-maj=13.8km s-min=9.0km az=157.0
NEIC 19 12:43:52.9, 0.8, 56.59N, 149.1W, 0.1, h10km, 2km, ML3.6/76, ML3.3/4 (AEIC), Error ellipse: s-maj=15.1km s-min=9.8km az=163.0, Gulf of Alaska

Main table of station data for the middle column, including stations like KODIAK ISLAND, MIDDLETOWN ISLAND, BRADLEY LAKE, etc.

Table of station data for the right column, including stations like BMRM, PMR PALMER, N19K KLUTINA, etc.

ISC 19 12:47:20.7, 7.0, 31.29S, 178.07W, h0km, mb3.5/2, s-mbtmp3.9/3, ML4.0/1, Error ellipse: s-maj=157.0, Kermadec Islands region

Table of station data for the bottom right section, including stations like UREWERA, ASAR, WRA, FINES, etc.

ISC 19 13:06:56.3, 2.8, 33.40S, 178.57W, h0km, mb3.9/2, mbtmp3.9/3, ML4.0/1, Error ellipse: s-maj=66.6km s-min=36.2km az=118.0
WEL 19 13:06:57.0, 0.6, 33.5, 179.3W, 3.0, h12km, M4.3/7, mb4.7/2, ML4.3/12, ML4.3/7, Mw(mb)3.9/2, Error ellipse: s-maj=42.2km s-min=3.8km az=112.5, confirmed
ISC 19 13:06:56.9, 1.5, 33.3S, 0.1x178.6W, 0.3, h10km, n26, c1949/46, South of Kermadec Islands

19d 13h

mbmp4.5/9,ML4.4/5,MS3.7/8,Error ellipse: s-maj=31.2km s-min=21.5km az=120.0
WEL 19 13:15:33.9,1.0,33.5*17.8W:1.6,h12km,M4.9/9, mB4.9/4,ML5.0/12,MLV5.1/9,Mw(mB)4.2/4,Error ellipse: s-maj=21.1km s-min=4.1km az=106.6,confirmed
NEIC 19 13:15:34.8,1.3,32.53S:0.08*177.8W:0.2,h10km,1km, mb4.9/23,Error ellipse: s-maj=24.7km s-min=12.8km az=102.0

ISC 19 13:15:34.0,0.6,32.57S:0.05*177.70W:0.10,h10km,n76, a=171/83,mb4.9/19,MS3.7/6,4C, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like Green Lake, Raoul Island, Waionatitani S, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like FINES FINESS Array B, FINES FINESS Array B, NOARSAR Subarray150.93351, etc.

WEL 19 13:29:56.2,0.3,33.68S:178.80W:h0km,mb4.3/2, mbmp4.3/3,ML4.1/1,Error ellipse: s-maj=58.8km s-min=33.3km az=129.0
NEIC 19 13:30:00.3,0.7,33.93S:0.10*178.8W:0.2,h10km,2km, mb4.5/11,Error ellipse: s-maj=29.2km s-min=14.8km az=107.0

WEL 19 13:30:00.2,0.8,34.5*17.8W:1.3,h12km,M4.3/17, mB4.8/6,ML4.4/24,MLV4.4/17,Mw(mB)4.1/6,Error ellipse: s-maj=18.9km s-min=5.4km az=121.4,confirmed
ISC 19 13:29:59.8,0.8,33.93S:0.08*178.8W:0.1,h10km,n55, a=65/82,mb4.9/2, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like Matakaoa Point, Waionatitani S, Pakihiroa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like MKAR Makanchi Array, KURBB Kurchatov Array, etc.

ISC 19 13:36:41.5,59.0,21.08S:179.32E,h574km,220km, mb3.0/4,mbmp4.1/5,Error ellipse: s-maj=769.5km s-min=113.7km az=77.0, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like DZM Mont Dzumac, CTA Charters Tower, etc.

ISC 19 13:37:39.3,1.7,32.86S:178.01W,h0km,mb4.3/3, s-min=28.9km az=131.0
WEL 19 13:37:41.3,0.8,32.59S:17.8W:2.4,h12km,M4.5/11, mB4.9/6,ML4.5/16,MLV4.6/11,Mw(mB)4.2/6,Error ellipse: s-maj=33.7km s-min=3.9km az=109.4,confirmed
NOU 19 13:38:17.5,3.4,70S:179.68E,h222km,MLV4.6/8, South of Kermadec Islands

ISC 19 13:37:39.9,0.9,32.80S:0.06*177.7W:0.1,h10km,n45, a=198/56,mb4.3/3,2C, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like Green Lake, Waionatitani S, Pakihiroa, etc.

PB03	eS	Sn	13 41 24.0	+0.2	
PB03	IAML		13 41 24.6		
comp=Z,2.0m,0.1s					
PB03	IPOC Station P	1.30 244	iP	Pn	13 41 03.2 +0.6
PB03	eS		13 41 23.3	-0.4	
PB03	IAML		13 41 25.1		
comp=E,1.0m,0.3s					
PB02	IPOC Station P	1.32 277	Pn	Pn	13 41 03.3 +0.6
PB02	eS		13 41 23.5	-0.4	
PB02	IPOC Station P	1.32 277	eP	Pn	13 41 03.1 +0.4
PB02	eS		13 41 24.8	+0.9	
PB02	IPOC Station P	1.32 277	iP	Pn	13 41 03.2 +0.4
PB02	eS		13 41 23.4	-0.5	
PB02	IAML		13 41 24.9		
comp=E,9.0m,0.2s					
PB07	IPOC Station P	1.32 259	Pn	Pn	13 41 03.5 +0.7
PB07	eS		13 41 23.6	-0.5	
PB07	IPOC Station P	1.32 259	eP	Pn	13 41 03.2 +0.4
PB07	eS		13 41 24.5	+0.4	
PB07	IAML		13 41 25.6		
comp=Z,2.0m,0.5s					
PB07	IPOC Station P	1.32 259	iP	Pn	13 41 03.4 +0.5
PB07	eS		13 41 23.8	-0.3	
PB07	IAML		13 41 24.9		
comp=E,2.0m,0.3s					
PB08	IPOC Station P	1.47 335	Pn	Pn	13 41 05.1 +0.5
PB08	eS		13 41 04.4	-0.3	
PB08	IPOC Station P	1.47 335	eP	Pn	13 41 04.4 +0.3
PB08	eS		13 41 04.4	-0.3	
comp=Z,6.93nm,0.8s					
PB08	IPOC Station P	1.47 335	iP	Pn	13 41 05.1 +0.5
PB08	eS		13 41 26.6	-0.6	
PB08	IAML		13 41 27.8		
comp=E,1.0m,0.5s					
AF01	San Pedro de A	1.49 169	eP	Pn	13 41 05.6 +0.9
AF01	eS		13 41 04.1	-0.6	
AF01	IAML		13 41 46.6		
comp=Z,5.44nm,1.1s					
AF01	San Pedro de A	1.49 169	eP	Pn	13 41 05.5 +0.7
AF01	IAML		13 41 52.0		
comp=E,7.07nm,0.8s					
PB06	IPOC Station P	1.58 219	Pn	Pn	13 41 06.4 +0.9
PB06	eS		13 41 05.8	+0.3	
PB06	IPOC Station P	1.58 219	eP	Pn	13 41 06.4 +0.9
PB06	eS		13 41 29.8	+0.9	
PB06	IAML		13 41 30.9		
comp=Z,5.08nm,0.3s					
PB06	IPOC Station P	1.58 219	iP	Pn	13 41 06.3 +0.9
PB06	eS		13 41 29.0	+0.1	
PB06	IAML		13 41 30.0		
comp=E,2.0m,0.4s					
GO01	Chusmiza	1.92 340	Pn	Pn	13 41 09.9 +0.3
GO01	eS		13 41 09.9	+0.3	
GO01	IAML		13 41 37.4	+1.2	
comp=Z,3.361nm,0.2s					
GO01	Chusmiza	1.92 340	iP	Pn	13 41 09.8 +0.1
GO01	IAML		13 41 38.4		
comp=N,3.0m,0.1s					
TA02	Huaiquique	1.95 308	eP	Pn	13 41 10.1 +0.6
TA02	eS		13 41 35.9	0.0	
TA02	IAML		13 41 39.4		
comp=Z,2.0m,0.1s					
TA02	Huaiquique	1.95 308	eP	Pn	13 41 09.3 -0.2
PB11	IPOC Station P	2.03 327	eP	Pn	13 41 10.4 -0.2
PB11	IPOC Station P	2.03 327	eP	Pn	13 41 10.3 -0.3
PB11	eS		13 41 47.5	+0.3	
PB11	IAML		13 41 43.3		
comp=Z,7.89nm,0.3s					
PB11	IPOC Station P	2.03 327	iP	Pn	13 41 10.3 -0.3
PB11	eS		13 41 36.8	-1.1	
PB11	IAML		13 41 39.8		
comp=N,1.0m,0.4s					
PB05	IPOC Station P	2.10 229	Pn	Pn	13 41 11.9 +0.6
PB05	eS		13 41 12.1	+0.8	
PB05	IAML		13 41 39.4	+0.2	
comp=Z,3.04nm,0.3s					
PB05	IPOC Station P	2.10 229	iP	Pn	13 41 12.1 +0.8
PB05	IAML		13 41 41.4		
comp=E,4.59nm,0.3s					
PSGCX	Pisagua	2.42 320	Pn	Pn	13 41 14.4 -0.8
PB10	IPOC Station P	2.78 223	eP	Pn	13 41 20.0 +0.0
PB10	eS		13 41 51.2	-2.8	
PB10	IAML		13 41 56.1		
comp=Z,1.50nm,0.4s					
PB10	IPOC Station P	2.78 223	eP	Pn	13 41 19.9 +0.3
PB10	IAML		13 41 55.4		
comp=E,2.12nm,0.3s					
YJA	Yavi	2.85 105	eP	Pn	13 41 22.1 +1.3
YJA	eS		13 41 55.9	-0.3	
PB16	IPOC Station P	3.27 343	eP	Pn	13 41 27.2 +0.8
PB16	IPOC Station P	3.27 343	eP	Pn	13 41 27.1 +0.6
PB16	eS		13 42 06.5	+0.5	
PB16	IAML		13 42 10.2		
comp=Z,5.9nm,0.2s					
PB16	IPOC Station P	3.27 343	eP	Pn	13 41 26.8 +0.4
PB12	IPOC Station P	3.33 328	eP	Pn	13 41 26.3 +0.5
PB12	IPOC Station P	3.33 328	eP	Pn	13 41 25.9 -0.9
PB12	eS		13 42 05.4	-1.4	
PB12	IAML		13 42 07.7		
comp=Z,1.25nm,0.2s					
PB12	IPOC Station P	3.33 328	eP	Pn	13 41 25.2 -1.5
PB12	IAML		13 42 14.9		
comp=E,3.02nm,0.1s					
SALTA	SALTA	3.38 144	eP	Pn	13 41 16.2 -1.1
SALTA	eS		13 42 20.9	+1.3	
AP01	Chacalluta	3.55 330	eP	Pn	13 41 31.9 +2.4
AP01	eS		13 42 12.9	+1.4	
AP01	IAML		13 42 20.8		
comp=Z,3.09nm,0.2s					
PB14	IPOC Station P	3.59 209	eP	Pn	13 41 30.5 +0.3
PB14	IPOC Station P	3.59 209	eP	Pn	13 41 30.6 +0.3
PB14	eS		13 42 12.0	-1.1	
PB14	IAML		13 42 15.7		
comp=Z,3.81nm,0.4s					
PB14	IPOC Station P	3.59 209	eP	Pn	13 41 30.9 +0.6
AC01	Pan de Azucar	5.03 202	Pn	Pn	13 41 48.3 -0.5
AC01	Pan de Azucar	5.03 202	eP	Pn	13 41 48.2 -0.7
AC01	eS		13 42 44.1	-2.4	
AC01	IAML		13 42 45.9		
comp=Z,3.35nm,1.4s					
LPAZ	La Paz	5.17 4	P	P	13 41 52.9 +1.5
LPAZ	eS		13 42 49.1	-1.7	
comp=Z,4.1nm,0.8s,baz=159,slow=1.7,SNR=4.5					
LPAZ	La Paz	5.17 4	eP	Pn	13 41 53.0 +1.7
LPAZ	eS		13 41 52.2	+0.8	
AC02	Maricunga	5.36 186	eP	Pn	13 41 54.4 +0.7
AC02	Maricunga	5.36 186	eP	Pn	13 41 54.2 +0.5
GO03	Copipalo	6.29 194	Pn	Pn	13 42 42.0 -0.8
BBSD	Serra de San D	8.58 61	eS	Pn	13 42 32.2 -4.0
BBSD	eS		13 43 59.5	-1.2	
SIV	San Ignacio	8.90 53	Pn	Pn	13 42 36.8 -3.7
SIV	eS		13 44 09.0	-1.0	
comp=Z,9.9nm,1.2s,baz=141,slow=2.2,SNR=8.5					
AMBA	Amambai (Braz	12.59 99	eP	P	13 43 34.2 -0.4
SALV	Santa Antonio	13.33 68	eP	P	13 43 36.8 -1.8
PP1B	Ponte de Pedra	13.40 76	eP	Pn	13 43 39.9 +0.4
CLDB	Colider	16.11 51	eP	Pn	13 44 10.8 -2.5
CPBSB	Cacapava Do Su	16.18 126	P	Iamb	13 44 13.6 -0.4
CPBSB	Iamb		13 44 15.8		
comp=Z,1.4nm,0.8s					
ARAG	Araguainha, MT	16.41 73	eP	P	13 44 22.1 +0.6
TRQA	Truiznaist	17.45 163	P	Iamb	13 44 27.2 -1.1
TRQA	Iamb		13 44 32.7		
comp=Z,1.1nm,1.2s					
BB19B	Bebedouro	18.61 92	eP	P	13 44 42.0 +0.8
SND8	Serra Nova Dou	18.97 63	eP	P	13 44 45.2 +0.1
VAO	Valinhos	19.98 98	P	Iamb	13 44 55.2 -0.9
VAO	Iamb		13 44 57.1		
comp=Z,2.22nm,1.0s					
BDFB	Brasilia	20.25 77	P	P	13 44 57.2 -1.9
comp=Z,2.7nm,0.4s,baz=240,slow=12,SNR=3.4					
ITTB	Haituba	21.04 38	eP	P	13 45 06.6 -0.8
SMTB	Santa Maria do	23.71 61	P	P	13 45 44.3 -0.3
JANB	Januario	23.81 79	eP	P	13 45 34.8 +0.2
DBIC	Dimokro	68.35 73	P	P	13 51 21.9 +0.0
comp=Z,5.8nm,0.7s,baz=251,slow=7.6,SNR=4.0					
TORD	Torodi Ar. Bea	76.98 70	P	P	13 52 12.9 +1.0

comp=Z,4.1nm,0.5s,baz=251,slow=5.5,SNR=26					
comp=Z,4.1nm,0.5s					
MKAR	Makanchi Array	145.39 36	PKP	PKPab	13 59 59.0 +3.2
comp=Z,1.2nm,0.6s,baz=312,slow=3.2,SNR=10					
IDC 19 13:45:30.2,3.4,32.435x178.17W,h0km,mb3.6/2,mbtm3.7/3,ML3.1/1,Error ellipse: s-maj=76.4km s-min=38.2km az=113.0,South of Kermadec Islands					
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
URZ	Urewera	6.98 212	Op	ISC	h m s ISC
URZ	eS		13 47 13.6	-0.1	
0.4nm,0.3s,baz=176,slow=23,SNR=1.3					
URZ	eS		13 48 33.3	-0.4	
2.2nm,0.3s,baz=196,slow=21,SNR=7.4					
1.1nm,1.0s					
ASAR	Alpe Springs	42.89 269	P	P	13 53 30.7 +0.1
0.3nm,0.6s,baz=110,slow=7.4,SNR=5.4					
0.3nm,0.6s					
WRA	Warramunga Arr	44.06 274	P	P	13 53 40.1 -0.1
0.7nm,0.4s,baz=114,slow=7.9,SNR=23					
0.7nm,0.4s					
FINES	FINES Array B	146.98 339	PKPbc	PKPbc	14 05 13.0 -1.0
1.5nm,0.8s,baz=46,slow=3.2,SNR=0.8					
NIED 19 13:51:56.6,2.4,28.9N; 123.45E,h23km,MW4.0,Moment Tensor Solution, s2 Moment tensor: Scale 1015Nm; Mn:-1.14; Mw:1.05; Ms:0.08; Ml:-0.49; Mb:1.6; Mv:-0.29; Fault plane solution: Mw:1.25000x10 ¹⁵ Np1: ϕ=269.00000°,δ33.00000°,λ-75.00000°. NP2ϕ:71.00000°,δ59.00000°,λ-99.00000°.					
NEIC 19 13:51:56.7,1.1,24.92N;0.06:123.38E;0.09,h10km,1km,mb4.4/15 Error ellipse: s-maj=16.7km s-min=4.0km az=126.0					
JMA 19 13:51:56.6,0.2,24.9N;0.9:123.5E;0.3,h23km,MD4.3/12,MV3.8/12,NW OF ISHIGAKIJIMA IS					
IDC 19 13:52:08.9,5.4,24.94N;123.32E;117km,53km,mb3.6/12,mbtm3.9/13,MS3.3/18,Error ellipse: s-maj=25.7km s-min=14.1km az=71.0					
ISC 19 13:51:57.4-0.7,24.83N;0.06:123.45E;0.03,h20km,7km,n78,i=23/67,mb4.1/21,MS3.3/18,Southwestern Ryukyu Islands					
Code	Station Name	Δ° AZ°	Phase ID	Time Res	ISC
YOJ	Yonaguni jima	0.54 227	Op	ISC	h m s ISC
YOJ	eS		13 52 08.0	-0.2	
YOJ	eS		13 52 07.8	-0.4	
YOJ	eS		13 52 07.8	-0.4	
YOJ	eS		13 52 07.8	-0.4	
comp=N,29nm,1.1s,comp=E,20nm,1.1s					
YOJ	eS		13 52 15.4	-0.1	
IRIF	Iriomote-Funau	0.56 152	A	A	13 52 08.2 -0.3
IRIF	eS		13 52 08.2	-0.3	
comp=N,30nm,1.0s,comp=E,35nm,0.7s					
JYNG	Yonaguni jima	0.59 230	P	Pb	13 52 08.6 -0.5
JYNG	eS		13 52 08.6	-0.5	
comp=N,19nm,1.6s,comp=E,17nm,1.5s					
JYNG	eS		13 52 17.2	+0.2	
JKRS	Kuro-shima	0.78 139	P	A	13 52 12.0 -0.4
JKRS	eS		13 52 12.0	-0.4	
comp=N,26nm,1.2s,comp=E,25nm,3.2s					
JKRS	eS		13 52 21.1	+0.5	
JJI	Ishigaki jima	0.79 126	P	Sb	13 52 11.4 -1.1
JJI	eS		13 52 11.4	-1.1	
comp=N,13nm,0.6s,comp=E,8.0nm,1.0s					
JJI	eS		13 52 21.6	-1.0	
JISG	Ishigakijimahi	0.82 107	eP	A	13 52 11.9 -1.2
JISG	eS		13 52 11.9	-1.2	
comp=N,11nm,4.8s,comp=E,11nm,0.7s					
JISG	eS		13 52 23.1	-0.6	
HATJ	Hateruma jima	0.84 157	P	A	13 52 12.7 -0.6
HATJ	eS		13 52 12.7	-0.6	
comp=N,35nm,3.1s,comp=E,28nm,1.7s					
JTJ	Tarama	1.16 99	P	Pn	13 52 17.7 -0.8
JTJ	eS		13 52 17.7	-0.8	
comp=N,15nm,0.9s,comp=E,16nm,0.9s					
JIRJ	Irakujima	1.59 90	eP	Pn	13 52 24.8 -0.4
JIKM	Ikejimajima	1.64 86	eP	Pn	13 52 25.2 +0.1
JJM	Miyako jima 2	1.68 90	P	Pb	13 52 32.1 +4.4
TATJ	Taipei	1.78 275	P	Pb	13 52 29.3 -0.1
NACB	Ninganchiao	1.81 249	Pn	Pn	13 52 27.7 +0.3
NACB	Ninganchiao	1.81 249	Pn	Pn	13 52 28.4 0.0
YHNB	Yeheng	1.89 266	Pn	Pn	13 52 28.1 -0.5
YULB	Yu-li	2.43 234	Pn	Pn	13 52 37.5 +1.5
YULB	Yu-li	2.43 234	Pn	Pn	13 52 35.6 -0.4
SSLB	Suanglung	2.50 246	Pn	Pn	13 52 38.9 +1.9
SSLB	Suanglung	2.50 246	Pn	Pn	13 52 38.6 +1.6
TSWJ	Beinan	2.95 228	P	P	13 52 25.2 -2.1
TWJ	Pinlang	2.95 228	Pn	Pn	13 52 43.8 +0.6
TPUB	Ta-pu	2.94 240	Pn	Pn	13 52 45.5 +1.8
TPUB	Ta-pu	2.94 240	Pn	Pn	13 52 45.6 +1.8
KSRS	Korea Array	13.15 16	P	P	13 55 10.6 -2.4
comp=Z,1.0s					

Table with columns: NTD, Station Name, Magnitude, Phase, ID, Time, Res. Includes stations like Taoyuan, Shilin, Taipei, Shoufeng, Shuangxi, Kuangyinsan, Fenglin Townsh, Sun Moon Lake, Yuchr, Jichi Village, Wu-fen Shan, YM01, Wufeng, Danshui, Guangfu, Suanglung, E02, Anpu, YM08, Santiao Chiao, Grass Mountain, National Taiwa, E03, Mingjian, Chenhua, Xinyi Township, E04, Hungye, Wanrong, Yuli, Tsauling, Tshang, Gukeng, Yuli, Guolierin Hig, Yuli, WDLH, WTK, WCKO, WCKO, FULB, FULB, CHNZ, CHNZ, ELDTW, ELDTW, CHNA, CHNA, TPUB, TPUB, TPUB, STYH, STYH, WTP, STYH, WSL, WSL, TWK, SNST, SNST, YOJ, YOJ, ICHU, ICHU, LONT, LONT, SGST, SGST, SGST, SGST, MASBT, MASBT, MASBT, MASBT, WDJT, WDJT.

JMA 19 14:01:54.0±0.2, 24.9N, 0.9E, 123.5E, 0.3, h2km, MV2.8/1.0, NW OFF ISHIGAKIJIMA IS, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Magnitude, Phase, ID, Time, Res. Includes stations like Yonaguni jima, Iriomote-Funau, YONGUNIJIMAKU, Ishigaki jima, Kuro-shima, Kuro-shima, Ishigakijimahi, Hateruma jima, Tarama.

IDC 19 14:01:30.0±0.2, 31.65S, 179.94E, h0km, mb3.2/2, mbtmp3.4/3, ML3.4/1, Error ellipse: s-maj=70.6km s-min=37.1km az=96.0, Kermadec Islands region

Table with columns: Code, Station Name, Magnitude, Phase, ID, Time, Res. Includes stations like Urewera, ASAR Alice Springs, WRA Warramunga Arr, FINES Finess Array B.

IDC 19 14:35:51.5±2.0, 9.91N, 124.14E, h0km, mb3.8/5, mbtmp3.8/5, Error ellipse: s-maj=224.3km s-min=19.5km az=66.0

MAN 19 14:35:53.0, 10.72N, 126.04E, h9km, MS3.7, ISC 19 14:35:51.4±1.1, 10.89N, 126.10E, h10km, n15, ±262/24, mb3.9/5, Philippine Islands region

Table with columns: Code, Station Name, Magnitude, Phase, ID, Time, Res. Includes stations like Surigao, Palo.

Table with columns: TSSP, Station Name, Magnitude, Phase, ID, Time, Res. Includes stations like Tandag City, Lapu-Lapu, Tagbilaran, Bislig, Gagayang de Oro, Masbate, Roxas, Ibayay, Aklan, Warramunga Arr, Makanchi Array, Zalesovo Beam, Kurchatov Arra.

IDC 19 14:52:25.9±3.5, 33.46S, 177.98W, h0km, mb3.2/2, mbtmp3.4/3, ML3.0/1, Error ellipse: s-maj=85.6km s-min=38.8km az=121.0, South of Kermadec Islands

Table with columns: Code, Station Name, Magnitude, Phase, ID, Time, Res. Includes stations like Urewera, Alice Springs, WRA Warramunga Arr, FINES Finess Array B.

ISC 19 14:52:42.0±1.3, 64.61N, 0.02E, 138.71W, 0.03, h5km, 10km, n26, ±671/38, Southern Yukon Territory

Table with columns: Code, Station Name, Magnitude, Phase, ID, Time, Res. Includes stations like Klondike Camp, Dawson, Ogilvie Camp, Barlow Dome, Miner Creek, Hart River, Mount Dempster, Somme Creek, Eagle Plains, Steamboat Moun, Coal Creek Min, Somme Creek, Peel River, Minto, Yukon, Pine Creek, Beaver Creek, Doyon Strip, Log Cabin Wild, Edge Creek, AK, Sala River, Moose Creek, Satah River, Aishikk Lake.

NEIC 19 14:55:53.3±1.6, 24.94N, 0.05E, 123.45E, 0.04, h10km, 1km, mb4.1/9, Error ellipse: s-maj=10.8km s-min=4.0km

NIED 19 14:55:54.1±2.4, 24.94N, 123.45E, h2km, MW4.2, Moment Tensor Solution, s2 Moment tensor: Scale: 10^15Nm; M1: 1.99; M2: 1.88; M3: 1.1; M4: 0.70; M5: 0.16; M6: 0.25; Fault plane solution: M2: 0.800000, 10^15 Np1: 0.269, 0.000000, 0.835, 0.000000, -1.82, 0.000000, NP2: 0.80, 0.000000, 0.855, 0.000000, -1.95, 0.000000

JMA 19 14:55:54.1±2.0, 24.9N, 0.05E, 123.45E, 0.04, h2km, 4km, MD4.4/13, MV3.8/13, NW OFF ISHIGAKIJIMA IS

IDC 19 14:56:00.8±5.2, 24.91N, 123.40E, h69km, 50km, mb3.5/10, mbtmp3.8/11, ML3.2/1, MS3.4/31, Error ellipse: s-maj=31.9km s-min=15.9km az=62.0

ISC 19 14:55:53.3±1.2, 24.91N, 0.05E, 123.47E, 0.03, h12km, 8km, n75, ±675/59, mb3.9/15, MS3.4/25, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Magnitude, Phase, ID, Time, Res. Includes stations like Yonaguni jima, Iriomote-Funau.

Table with columns: IRIF, Station Name, Magnitude, Phase, ID, Time, Res. Includes stations like Yonagunijimaku, Ishigaki jima, Kuro-shima, Ishigakijimahi, Hateruma jima, Tarama, Miyako jima 2, Miyako jima 3, Gokusukube, Taipei, Ninganchiao, Yeheng, Yeheng, Yuli, Suanglung, Suanglung, Beinan, Pingpu, TPUB, Kuniqami, Nakatsue, Tagaytagay City, Korea Arra, Matushiro Arr, Davao City (W), Guam, Chiang Mai Arr, Tolitoli, Ternate, Talaya, Songo Arra, Sorong, Talaya, Jayapura, Yakutsk, Petropavlovsk, Makanchi Arr, Magadan, Zalesovo Array, Zalesovo Array, Kurchatov, Kurchatov Arra, Ala-Archa, Warramunga Arr, Warramunga Arr, Tiksi, Borovoye Array, Alice Springs, Alice Springs, Charters Tower, Akbulak array, Akbulak array, Stephens Creek, Spitzbergen Arr, ARCES ARCES Array B, FINES Finess Array B, FINES Finess Array B, Yellowknife Arr, Vranov, GERES GERES Array B.

TEH 19 15:13:30.0±1.3, 33.61N, 46.09E, h9km, 24km, ML3.5, Presumed earthquake, ISC 19 15:13:30.0±0.4, 33.61N, 46.09E, h9km, ML4.1, Presumed earthquake

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Arroyo Zacate, Popocatepetl, Xalitlitzintla, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Chamela, Sabancuy, Zapotecas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Raukumara Rang, Tawuharepareae, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like HWA Hwalien, TEYL Yanliu Villag, TWD Chiawan, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like GLKZ Green Lake, WLMZ Waiomatatini S, PKGZ Pakhihroa, etc.

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Time, Res. Includes stations like LEM Lembang, PMG Port Moresby, WBO Warramunga Arr, etc.

JMA 19 16:32:31.1±0.4, 25°N 123°55'E±0.6, h34km, MV1.6/8, NW OFF ISHIGAKIJIMA IS, Southwestern Ryukyu Islands

MAN 19 16:49:42.0, 5.81°N, 126°05'E, h137km, MS4.3, DJA 19 16:49:43.4±0.4, 6.1°N, 126°12'E±0.6, h153km, 5km, M4.3/14, mB4.6/6, mB4.4/10, MLV4.5/14, Mw(MB)3.9/6

NEIC 19 16:58:58.69±0.36N, 143.95W, h9km, Moment Tensor Solution. Moment tensor: scale 10^14Nm; Mrr: 0.72; Mth: -3.56; Mtt: 4.88; Mtr: 1.64; Mtr: -0.33; Mtr: 0.26; Fault plane solution: M4.320000°1014 NP1: 135.00000°, 376.00000°, λ-159.00000°. NP2: 40.00000°, 870.00000°, λ-15.00000°. Principal axes: T 4.3160, Plg4.0000, Azm267.0000, N -0.0022, Plg65.0000, Azm168.0000; P -4.3138, Plg24.0000; Azm359.0000

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like CMAA, PPT, HNR, QLP, STKA, etc.

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

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like TUC, Tucson, CN2, Changchun, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like VAGH Vaagaholmen, RAUS Rausandaksla, LEIR Leirfjorden, etc.

Table with columns: Station Name, Frequency, Mode, and other technical details. Includes stations like CLL comp=N,100nm,18.2s, PVCC Panama Vce, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes JMA 19 17:12:55.5,0.2,24.3N,10.1234E,0.3, h28km, MW1.6/8, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes TAP 19 17:13:18.4,24.42N:121.40E, h5km, ML2.0, B, Taiwan, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like WEL 17:14:41.4,5.0,38.32S,7.7x17.8W,1.8, h12km, M5, 1/7, etc.

Table with columns: Code, Station Name, Az, El, P, I, M, Res. Includes stations like Mt. Diablo Mer, Mina Array Bea, Kurk Kurchatov, etc.

NEIC 19 17:18:34.9, 1.5, 20.9S, 0.1, 178.5W, 0.1, h569km, 5km, mb4.3/30, Error ellipse: s-maj=20.6km s-min=13.6km az=153.0

IDC 19 17:18:35.0, 2.6, 20.99S, 178.63W, h571km, 23km, mb3.3/8, mbmp4.2/9, Error ellipse: s-maj=41.7km s-min=17.8km az=153.0

ISC 19 17:18:35.0, 6.0, 20.9S, 0.1, 178.56W, 0.09, h579km, n56, o598/56, mb4.2/23, Fiji Islands region

Table with columns: Code, Station Name, Az, El, P, I, M, Res. Includes stations like MSVF Nonsavu, NIUE Niue, TOZ Tahuroa Road, etc.

Table with columns: Code, Station Name, Az, El, P, I, M, Res. Includes stations like AKASG Malin Array Bea, EKA Eskdalemuir Arr, BRTR Mount Meron Arr, etc.

NEIC 19 17:19:54.1, 0.9, 11.63N, 0.06, 125.29E, 0.10, h35km, 1km, mb4.4/14, Error ellipse: s-maj=18.5km s-min=5.8km az=300.0

MAN 19 17:19:56.0, 11.90N, 125.28E, h19km, MS3.9, MATINSY III - CAN-AVID EASTERN SAMAR, IDC 19 17:19:59.1, 9.3, 11.76N, 125.30E, h75km, 98km, mb3.6/9, mbmp3.9/9, MS3.4/9, Error ellipse: s-maj=36.6km s-min=19.1km az=71.0

ISC 19 17:19:56.0, 11.91N, 125.28E, h19km, MS3.9, MATINSY III - CAN-AVID EASTERN SAMAR, n51, o210/56, mb4.3/16, Samar

Table with columns: Code, Station Name, Az, El, P, I, M, Res. Includes stations like PLP Palo, MMHP Masbate, MPMH Lapu-Lapu, etc.

Table with columns: Code, Station Name, Az, El, P, I, M, Res. Includes stations like GSPA South Pole Qui, GIRL Giralia, FINS FINESS Array B, etc.

KRNET 19 17:24:11.4, 0.1, 40.96N, 72.49E, h14km, mb2.2, SCME 19 17:24:16.2, 41.35N, 72.40E, h5km, ISU 19 17:24:16.4, 41.28N, 72.42E, h10km, NNC 19 17:24:18.1, 1.5, 41.37N, 72.41E, h0km, mb3.0, mpv2.8, Error ellipse: s-maj=14.3km s-min=5.0km az=168.0, ISC 19 17:24:12.5, 1.2, 41.07N, 0.03, 72.45E, 0.02, h5km, 10km, n26, o160/42, 15C-13D, Kyrgyzstan

Table with columns: Code, Station Name, Az, El, P, I, M, Res. Includes stations like ARSB Arslanbob, TSTA Tashata, OHH Osh, etc.

WEL 19 17:25:10.6, 0.8, 45.3, 3, 168E, 1, h64km, 8km, M3.4/9, ML3.3/10, MLV3.4/9, Error ellipse: s-maj=6.5km s-min=3.4km az=118.7, confirmed

NOU 19 17:25:11.1, 44.98S, 167.79E, h29km, MLV3.6/10, South Island, New Zealand, ISC 19 17:25:08.5, 1.5, 44.99S, 0.04, 167.60E, 0.05, h95km, 9km, n48, o132/72, South Island

Table with columns: Code, Station Name, Az, El, P, I, M, Res. Includes stations like MSZ Milford Sound, TAES Te Anau Fire S, MLZ Mavora Lakes, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like URZ, RAGZ, TOZ, RIGZ, MUJZ, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like RAO, RAOI, RAO2, etc.

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

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

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

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

Text block containing station identifiers and coordinates: IDC 19 17:46:42.1, 24°38'N, 121°67'E, h9km, ML1.6, B, Taiwan

Text block containing station identifiers and coordinates: JMA 19 17:46:43.5, 0.4, 25°N, 121°33'E, h18km, MV1.7/8, NW OFF ISHIGAKIJIMA IS, Southwestern Ryukyu Islands

Text block containing station identifiers and coordinates: NOU 19 17:54:38.6, 25°36'S, 179°98'E, h529km, ML4.0/22, South of Fiji Islands

Text block containing station identifiers and coordinates: IDC 19 17:54:40.0, 0.9, 25°42'S, 179°58'E, h502km, 10km, mb3.7/12, mbmtb4.0/14, Error ellipse: s-maj=13.3km

Text block containing station identifiers and coordinates: NEIC 19 17:54:41.1, 1.1, 25°55.0'N, 179°60.0'E, h510km, gkm, mb4.3/73, Error ellipse: s-maj=15.6km s-min=11.4km

Text block containing station identifiers and coordinates: IDC 19 18:03:45.8, 1.1, 36°11'N, 137°71'E, h0km, mb3.4/4, mbmtb3.4/5, ML3.2/1, MS3.2/6, Error ellipse: s-maj=24.7km

Text block containing station identifiers and coordinates: IDC 19 18:03:46.9, 0.0, 36°21'N, 137°71'E, 0.1, h4km, 1km, MV3.9/20, HIDA MOUNTAINS REGION

19d 20h

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like FAME Alotenango, RTAL Retalhuleu, PCGS San Vicente Pa, etc.

NOU 19 18:51:54.3, 22.47S, 170.40E, h0km, MLv4.4/8, Southeast of Loyalty Islands

19 18:51:56.9, 2.5, 21.07S x 170.19E, h0km, mb4.2/4, mbmp4.2/5, ML3.7/1, MS3.5/23, Error ellipse: s-maj=88.5km s-min=27.4km az=144.0

NEIC 19 18:51:56.4, 1.8, 22.22S, 0.2 x 170.39E, h10km, 1km, mb4.5/11, Error ellipse: s-maj=25.7km s-min=14.1km az=185.0

ISC 19 18:51:57.8, 0.7, 22.55S, 0.1 x 170.41E, h3km, n76, r138/57, mb4.5/13, MS3.6/22, C, Southeast of Loyalty Islands

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like MARNC Mare, Loyalty, NOUC Port Laguerre, etc.

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Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like N15K Kwethluk River, VNA2 Neumayer Olymp, VNA1 Neumayer-Watz, etc.

ISC 19 18:54:27.4, 2.6, 31.3S, 130.22E, h130km, 22km, mb3.5/6, mbmp4.0/11, MS2.8/2, Error ellipse: s-maj=36.9km s-min=19.2km az=92.0

ISC 19 18:54:27.3, 0.9, 6.32S, 0.07 x 130.2E, h146km, n13, r352/14, mb3.6/6, Banda Sea

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like SUI Sorong, BATI Batulampa, FITZ Fitzroy Cross, etc.

OMAN 19 19:22:05.5, 0.1, 30.01N, 51.17E, h10km, mb3.4/3, Error ellipse: s-maj=2.2km s-min=1.7km az=15.0

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like KOLNJ Kolanjah, KAZZ Kazeron-Fars-I, AMIS Natif Sefid, etc.

NNC 19 19:40:43.5, 2.8, 37.750N, 71.63E, h146km, 42km, mb2.8, mpv3.5, 4D, Error ellipse: s-maj=27.0km s-min=19.0km az=21.0, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like AAK Ala-Archa, AAK Karatay Array, etc.

WEL 19 20:08:31.6, 0.8, 32.5S, 17.8W, 1.3, h0km, M5.5/6, ML5.3/8, MLV5.5/6, Error ellipse: s-maj=17.5km s-min=4.7km az=105.4, confirmed

NEIC 19 20:08:35.8, 2.2, 32.28S, 0.06, 17.8W, 0.1, h10km, 1km, mb5.1/46, Error ellipse: s-maj=18.5km s-min=10.5km az=97.0

MOS 19 20:08:36.3, 1.4, 32.27S, 178.47W, h15km, mb5.2/17, MS4.6/9, Error ellipse: s-maj=14.4km s-min=12.2km az=115.6

ISC 19 20:08:47.1, 8.1, 31.53S, 178.62W, h80km, 15km, mb4.4/17, mbmp4.7/19, MS4.3/4, Error ellipse: s-maj=16.9km s-min=12.7km az=114.0

NOU 19 20:09:01.2, 0.04S, 179.01W, h63km, MLv5.1/8, South of Kermadec Islands

ISC 19 20:08:36.0, 3.2, 32.34S, 0.04, 178.06W, 0.06, h20km, n369, r2945/364, mb5.1/72, MS4.6/15, 25C-22D, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase, Time, Res. Includes stations like GLKZ Green Lake, RAO Raoul Island, RAO Raoul Island, etc.

TEH 19 21:58.9, 30.48N, 50.72E, h8km, 59km, ML2.9, Presumed earthquake

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Table with columns: ICAO, Name, Altitude, Frequency, Mode, and other details. Includes stations like FOZ Fox Glacier, MSVF Nonsavu, ODZ Otahua Downs, etc.

Table with columns: ICAO, Name, Altitude, Frequency, Mode, and other details. Includes stations like KNRA Kununurra, KNRA Kununurra, FITZ Fitzroy Crossi, etc.

Table with columns: ICAO, Name, Altitude, Frequency, Mode, and other details. Includes stations like KLR Kuldur, LYN LuoYang, TXAR Lajitas Array, etc.

Table with columns: Name, RA, Dec, Az, El, and other parameters. Includes stations like MNK, SKAR, ASK, QSL, BER, etc.

Table with columns: Code, Station Name, Az, El, Phase ID, Time, Res. Includes stations like CONA, GERES, MOA, BIA, etc.

Table with columns: Name, RA, Dec, Az, El, and other parameters. Includes stations like YAZI, ARG, ARG, ARG, etc.

Table with columns: WAKR Walker, 1.35 284, Pn, Pn, 20 42 46.0 -0.2, 20 43 07.0, IAML, 20 43 08.1, 20 42 48.2 +0.2, 20 42 50.1 +1.0, 20 42 51.6 +1.4, 20 43 18.0, 20 42 51.6 +0.7, 20 42 52.8 +1.6, 20 42 52.6 +1.0, 20 42 51.1 -1.7, 20 42 54.5 +1.7, 20 42 52.1 +1.4, 20 42 55.1 +0.4, 20 42 56.0 +0.2, 20 43 27.4, 20 42 56.9 +0.5, 20 42 58.6 +1.2, 20 43 36.6, 20 43 43.8, 20 43 00.2 +1.2, 20 43 42.6, 20 43 43.2, 20 43 02.8 0.0, 20 43 05.3 +1.2, 20 43 41.6, 20 43 48.5, 20 43 01.0 +1.1, 20 43 03.2 +0.6, 20 43 46.8, 20 43 03.2 -0.3, 20 43 43.9, 20 43 03.5 -0.2, 20 43 05.3 +1.2, 20 43 51.8, 20 43 05.3 +1.1, 20 43 50.1, 20 43 56.0, 20 43 05.0 +0.4, 20 43 55.1, 20 43 08.8 +0.5, 20 44 10.2, 20 44 11.9, 20 43 10.3 +0.9, 20 43 11.7 +1.5, 20 44 09.3, 20 44 10.1, 20 43 11.0 +0.8, 20 44 05.9, 20 43 11.5 +0.9, 20 44 03.5, 20 44 13.4, 20 43 12.0 +0.8, 20 44 04.3, 20 44 05.8, 20 43 14.2 +2.2, 20 44 05.3, 20 43 53.3 +2.6, 20 44 05.3, 20 43 11.4 -0.6, 20 43 13.2 +1.2, 20 44 13.6, 20 43 16.6 +1.1, 20 44 14.9, 20 43 17.4 +1.6, 20 44 41.0, 20 44 58.3, 20 43 17.9 +1.6, 20 44 22.7, 20 44 23.6, 20 44 18.1, 20 44 22.0, 20 44 34.3, 20 44 41.0, 20 43 19.8 +0.4, 20 44 35.4, 20 44 38.4, 20 43 20.5 +1.1, 20 44 25.7, 20 44 26.4, 20 43 22.9 +1.4, 20 43 23.9 +2.0, 20 44 41.3, 20 44 42.5, 20 44 42.5, 20 43 22.9 +1.4, 20 43 23.9 +2.0, 20 44 41.3, 20 44 42.5, 20 44 42.5, 20 43 25.6 +1.8, 20 44 35.6, 20 44 44.8, 20 44 45.5, 20 44 48.2, 20 44 56.2, 20 44 52.7, 20 45 00.1, 20 43 32.7 +1.3, 20 43 33.4 +1.6, 20 44 50.6, 20 45 35.7, 20 43 33.1 +1.3

Table with columns: PFO, 20 44 58.3, IAML, 20 45 03.9, 20 45 17.1, 20 43 35.7 +1.0, 20 45 21.2, 20 45 40.4, 20 43 35.3 -1.5, 20 45 15.9, 20 45 32.7, 20 43 41.3 +2.4, 20 45 05.7, 20 45 24.3, 20 43 41.8 0.0, 20 45 26.8, 20 45 39.0, 20 45 18.2, 20 45 27.7, 20 43 45.5 +1.7, 20 44 00.9 -1.8, 20 44 07.9 +0.2, 20 44 19.2 +5.0, 20 46 29.1, 20 44 23.6 -1.9, 20 44 44.6 +4.4, 20 45 20.1, 20 47 25.8, 20 49 05.2, 20 44 37.0 -3.2, 20 44 51.3 +5.3, 20 47 36.8, 20 48 22.2, 20 45 46.8 -1.8, 20 45 53.8 -1.2, 20 50 06.8, 20 45 47.4 -1.3, 20 45 51.8 -0.9, 20 45 56.8 -0.7, 20 46 14.7 -2.5, 20 46 31.2, 20 46 14.0 -3.6, 20 46 16.2 -1.5, 20 46 38.1, 20 46 19.7 -1.0, 20 46 28.6 -0.5, 20 46 32.4, 20 46 32.8 -0.7, 20 46 33.6, 20 46 39.2 -0.1, 20 46 40.2 -0.7, 20 46 44.1, 20 46 41.6 -0.3, 20 46 49.9, 20 46 42.5 -1.1, 20 46 43.4 -0.6, 20 46 54.8, 20 46 44.7 +0.2, 20 46 44.7 -0.7, 20 46 53.4, 20 46 45.0 -1.0, 20 46 51.2, 20 46 52.0 0.0, 20 53 50.7, 20 46 48.6 -2.0, 20 46 54.7, 20 46 59.6 -1.0, 20 46 59.7 -1.4, 20 47 05.1 -1.1, 20 47 19.9 +2.4, 20 01 13.7, 20 00 30.1, 20 57 09.3, 20 48 47.6 +3.4, 20 02 40.6, 20 48 43.2 -1.0, 20 08 19.4, 20 52 06.0 +1.2, 20 24 12.1, 20 29 26.3, 20 31 26.4, 20 31 54.6, 20 35 15.9, 20 55 16.6 -1.4, 20 25 46.6 +1.8, 20 55 49.6 -2.3, 20 43 32.7 +1.3, 20 43 33.4 +1.6, 20 44 50.6, 20 45 35.7, 20 43 33.1 +1.3

Table with columns: $\approx 160/32$, South of Kermadec Islands, Code, Station Name, Δ° , AZ° , Phase ID, Op, ISC, Time, Res, h, m, s, ISC, 21 08 33.5 -1.3, 21 09 17.7 -0.9, 21 09 01.6 -0.3, 21 10 06.3 -0.8, 21 09 04.9 +2.6, 21 10 08.5 +0.5, 21 09 04.4 +1.1, 21 10 08.5 -1.3, 21 09 07.0 +1.6, 21 10 12.2 -1.3, 21 09 08.2 +2.2, 21 10 14.5 -0.2, 21 09 10.2 +1.7, 21 09 11.4 +0.9, 21 10 18.6 -4.1, 21 09 12.1 0.0, 21 10 23.4 -2.2, 21 09 12.8 +0.7, 21 10 23.7 -1.9, 21 09 12.7 -0.8, 21 10 26.2 -1.9, 21 09 17.7 +1.0, 21 10 32.3 -1.6, 21 09 20.7 +1.0, 21 10 38.5 -0.8, 21 09 21.5 +1.0, 21 10 38.2 -4.1, 21 09 23.8 +0.3, 21 09 27.7 +1.5, 21 15 36.0 +1.1, 21 15 46.0 +1.3, 21 27 21.8 +1.1, 21 12 22.9 +0.1, 21 13 35.1 -0.5, 21 18 47.1 0.0, 21 18 57.0 -0.1, 21 20 36.0 +0.1, 21 30 32.7 -1.0, 21 12 11.9 +0.4, 21 12 28.2 +0.4, 21 19 55.5 -0.1, 21 20 03.3 -0.2, 21 31 25.7 -1.0, 21 12 11.9 +0.4, 21 12 28.2 +0.4, 21 19 55.5 -0.1, 21 20 03.3 -0.2, 21 31 25.7 -1.0, 21 15 24.8 -0.4, 21 14 17.0 +1.9, 21 15 25.0 -0.3, 21 14 22.3 +2.5, 21 15 31.9 -1.4, 21 14 21.4 +1.6, 21 15 32.4 -1.5, 21 14 17.5 -1.9, 21 15 32.8 -1.9, 21 14 23.6 +0.2, 21 15 39.2 -0.9, 21 15 44.7 -0.8, 21 15 46.2 -0.5, 21 14 29.9 +0.9, 21 15 47.9 -2.4, 21 15 52.9 -0.7, 21 15 51.5 -2.6, 21 14 55.0 +1.1, 21 15 35.9 -3.2, 21 15 58.0 -1.3, 21 14 33.1 -1.4, 21 15 58.6 -2.6, 21 16 00.7 -2.9, 21 15 59.0 -5.0, 21 23 21.0, 21 28 07.1, 21 19 34.0 +5.4, 21 20 45.1 +3.6, 21 22 34.5 +1.1, 21 20 54.9 +3.3, 21 22 29.1 +0.3, 21 23 53.2 +0.7, 21 32 31.8 +1.3

IDC 19 21:07:37.4: 0.33:08Sx178:43W, h0km, mb3.9/2, mbmp4.0/3, ML3.8/1, Error ellipse: s-maj=69.4km s-min=35.9km az=117.0, WEL 19 21:07:39.4: 0.7:33:16x17:9W, 3.9, h12km, M4.4/7, mb4.6/3, ML4.4/3, ML4.4/7, Mw(mb)3.8/3, Error ellipse: s-maj=53.8km s-min=4.1km az=111.8, confirmed IDC 19 21:07:37.4: 1.8:33:0S:0.1x178:4W:0.3, h10km, n19,

19d 21h

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MCSM 19 21:17.11.3.0.5.35°N,5.2°E, h13km,2km,mb4.3, mb4.8,MLV4.8,Mw(mb)4.0
 NEIC 19 21:17.11.3.1.5.34°S,0L:06:25:57E:0.06,h10km,1km, mb4.2/28,Error ellipse: s-maj=9.8km s-min=7.5km az=24.0
 MED_RC 19 21:17.12.0.34°34N:25:49E,h20km,Mw4.3,Moment Tensor Solution. Moment tensor: Scale 10¹⁵Nm; M₁₁=1.56e+39; M₂₂=-2.76e+48; M₃₃=0.00e+41; M₁₂=1.23e+11; M₁₃=0.00e+78; M₂₃=0.05e+78; Fault plane solution: M₃₃ 97000×10¹⁵ NPT₁₀ 324.00000°; δ67.00000°; λ-158.00000°; NP₂₀ 225.00000°; δ70.00000°; λ-24.00000°; Principal axes: T 4.300, P₁₀ 0.000°; Azm275.0000°; N - 0.8200, P₁₀ 59.0000°; Azm8.0000°; P -3.5600, P₁₀ 3.0000°; Azm184.0000°;
 ATH 19 21:17.15.2.34°55N:25:55E,h15km,4km,ML4.5/16, Latitude uncertainty: 3 km; Longitude uncertainty: 1 km
 GII 19 21:17.15.3.0.0.34°32N:0.001:25:85E:0.001,h0km, Mw4.8,confirmed
 IDC 19 21:17.16.9.1.0.34°59N:25:66E,h50km,9km,mb3.9/19, mbtmp4.1/31,MS3.4/7,Error ellipse: s-maj=12.9km s-min=9.3km az=15.0
 ISK 19 21:17.17.0.34°70N:25:55E,h62km,ML4.3/27
 THE 19 21:17.17.2.35°N:7°26E,h80km,5km,ML4.5/20, ML4.5/20
 AFAD 19 21:17.22.3.34°97N:26°10E,h7km,3km,MW4.0
 ISC 19 21:17.14.1.0.8.3453N:0.04:25:65E:0.04,h30km,6km, n454,c200/484,mb4.2/31,MS3.5/7,20C-24D,Crete

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
NPS	Neapolis	0.73	358	P	Pn	21 17 29.9 +1.4
NPS	Neapolis	0.73	358	P	Pn	21 17 43.9 +4.6
NPS	Neapolis	0.73	358	P	Pn	21 17 29.2 +0.8
NPS	Neapolis	0.73	358	P	Pn	21 17 38.6 +0.0
ZKR	Zakros	0.75	38	Pg	Pn	21 17 31.4 +2.8
ZKR	Zakros	0.75	38	P	Pn	21 17 31.9 +3.3
ZKR	Zakros	0.75	38	P	Pn	21 17 30.6 +2.0
SIT2	Siteia	0.77	29	P	Pn	21 17 30.9 +1.9
SIT2	Siteia	0.77	29	P	Pn	21 17 41.8 +2.2
SIT2	Siteia	0.77	29	P	Pn	21 17 31.7 +1.7
SIVA	Sivas	0.85	306	P	Pn	21 17 44.7 +3.4
SIVA	Sivas	0.85	306	P	Pn	21 17 30.2 +0.2
SIVA	Sivas	0.85	306	P	Pn	21 17 40.5 +2.5
IACM	Heraklion	0.91	329	P	Pn	21 17 33.3 +2.5
IACM	Heraklion	0.91	329	P	Pn	21 17 46.9 +3.9
IACM	Heraklion	0.91	329	P	Pn	21 17 31.7 +0.9
IACM	Heraklion	0.91	329	P	Pn	21 17 43.6 +0.7
IACM	Heraklion	0.91	329	P	Pn	21 17 33.9 +1.9
IDI	Anoia	0.98	321	P	Pn	21 17 47.2 +2.4
IDI	Anoia	0.98	321	P	Pn	21 17 31.3 -0.6
IDI	Anoia	0.98	321	P	Pn	21 17 32.8 +0.9
IDI	Anoia	0.98	321	P	Pn	21 17 37.3 +1.8
IDI	Anoia	0.98	321	P	Pn	21 17 47.9 +3.1
IDI	Anoia	0.98	321	P	Pn	21 17 32.9 +0.9
GVD	Gavdhos	1.32	284	P	Pn	21 17 38.7 +2.2
GVD	Gavdhos	1.32	284	P	Pn	21 18 02.1 +9.0
GVD	Gavdhos	1.32	284	P	Pn	21 17 38.2 +1.7
VAM	Vamos	1.48	307	P	Pn	21 17 40.5 +1.9
KARP	Karpathos	1.60	50	Pn	Pn	21 17 41.0 +0.6
KARP	Karpathos	1.60	50	Pn	Pn	21 17 43.9 +3.5
KARP	Karpathos	1.60	50	Pn	Pn	21 17 45.2 +4.7
KARP	Karpathos	1.60	50	Pn	Pn	21 17 44.4 +3.9
KARP	Karpathos	1.60	50	Pn	Pn	21 17 40.4 +0.0
CHNS	Chania	1.61	307	P	Pn	21 17 42.8 +2.3
CHNS	Chania	1.61	307	P	Pn	21 17 43.0 +2.1
IMMV	Iera Moni Meta	1.66	305	Pn	Pn	21 17 42.9 +1.8
IMMV	Iera Moni Meta	1.66	305	Pn	Pn	21 17 43.4 +2.3
IMMV	Iera Moni Meta	1.66	305	Pn	Pn	21 17 43.0 +1.9
CH01	Chania	1.66	307	Pn	Pn	21 17 43.1 +2.0
KNDR	Palaiochora Ch	1.81	294	Pn	Pn	21 17 45.4 +2.2
KNDR	Palaiochora Ch	1.81	294	Pn	Pn	21 17 44.4 +1.2
THR6	Thira Island	1.84	354	P	Pn	21 17 45.4 +1.8
THR6	Thira Island	1.84	354	P	Pn	21 17 45.9 +2.4
THR6	Thira Island	1.84	354	P	Pn	21 17 44.8 +1.2
THR6	Thira Island	1.84	354	P	Pn	21 17 45.2 +1.5
THR6	Thira Island	1.84	354	P	Pn	21 17 45.6 +2.0
THR6	Thira Island	1.84	354	P	Pn	21 17 45.6 +2.0
THR8	Santorini-Mono	1.88	356	P	Pn	21 17 45.5 +1.4
THR8	Santorini-Mono	1.88	356	P	Pn	21 17 45.4 +1.4
SNTS	Nea Kammeni, S	1.89	354	P	Pn	21 17 46.8 +2.6
SNTS	Nea Kammeni, S	1.89	354	P	Pn	21 17 46.9 +2.6
THR3	Thira Island	1.89	354	P	Pn	21 17 45.7 +1.4
THR3	Thira Island	1.89	354	P	Pn	21 17 45.4 +1.2
SFIR	Foira Santorin	1.90	355	P	Pn	21 17 46.2 +1.7
THR3	Thira Island	1.90	355	P	Pn	21 17 46.1 +1.6
SAP3	Santorini-Thir	1.92	353	P	Pn	21 17 46.3 +1.3
SAP3	Santorini-Thir	1.92	353	P	Pn	21 17 46.4 +1.6
THR2	Thira Island	1.92	355	P	Pn	21 17 46.4 +1.6
THR2	Thira Island	1.92	355	P	Pn	21 17 46.4 +1.6
CMBO	Columbo, Santo	1.95	354	P	Pn	21 17 46.7 +1.6
CMBO	Columbo, Santo	1.95	354	P	Pn	21 17 47.0 +1.9
ANTK	Antikythira Is	2.30	23	P	Pn	21 17 53.3 +2.6
ANKY	Antikythira Is	2.34	305	P	Pn	21 17 53.2 +2.6
MHLO	Agia Marina, M	2.38	335	P	Pn	21 17 52.7 +1.6
MHLO	Agia Marina, M	2.38	335	P	Pn	21 17 52.7 +1.6
YAZI	Mula-Daişa	2.60	34	P	Pn	21 17 56.3 +2.1
YAZI	Mula-Daişa	2.60	34	P	Pn	21 17 22.6 -2.2
ARG	Arkhangelos	2.63	50	Pn	Pn	21 17 58.3 +3.7
ARG	Arkhangelos	2.63	50	Pn	Pn	21 17 58.2 +3.7
ARG	Arkhangelos	2.63	50	Pn	Pn	21 17 58.2 +3.7
ARG	Arkhangelos	2.63	50	Pn	Pn	21 17 58.2 +3.7
DAT	Dataca	2.70	35	Pn	Pn	21 17 58.4 +2.8
DAT	Dataca	2.70	35	P	Pn	21 18 04.3 +3.2
BODT	Bodrum	2.87	28	Pn	Pn	21 18 00.3 +2.5
BODT	Bodrum	2.87	28	Pn	Pn	21 18 04.5 +6.8
NKPI	Neapolis Lacon	2.89	314	P	Pn	21 18 00.0 +1.9
YKAS	Falirakavak-Bo	2.91	27	Pn	Pn	21 18 01.6 +3.3
YKAS	Falirakavak-Bo	2.91	27	Pn	Pn	21 18 01.2 +3.2
TURN	Turunc	3.08	43	Pn	Pn	21 18 03.8 +3.1
TURN	Turunc	3.08	43	Pn	Pn	21 18 03.7 +3.0
TURN	Turunc	3.08	43	Pn	Pn	21 18 31.1 -5.4
VLI	Veliai	3.11	315	P	Pn	21 18 01.6 +0.5
VLI	Veliai	3.11	315	P	Pn	21 18 01.6 +0.5
DMIM	Aydin, Didim	3.20	23	Pn	Pn	21 18 05.4 +3.2
MLSB	Milas	3.26	31	Pn	Pn	21 18 06.5 +3.4
SMG	Samos	3.32	17	P	Pn	21 18 05.7 +1.8
SMG	Samos	3.32	17	P	Pn	21 18 05.6 +1.6
DALY	Dalyan (Mula)	3.35	46	Pn	Pn	21 18 09.1 +3.8
DALY	Dalyan (Mula)	3.35	46	P	Pn	21 18 07.9 +3.6
DALY	Dalyan (Mula)	3.35	46	P	Pn	21 18 08.2 +4.8
YER	Yerkesik	3.37	39	Pn	Pn	21 18 07.9 +3.2
YER	Yerkesik	3.37	39	Pn	Pn	21 18 08.0 +3.3
GCAM	G?zelcam?i	3.42	22	Pn	Pn	21 18 08.3 +3.0
GCAM	G?zelcam?i	3.42	22	Pn	Pn	21 18 06.6 +1.3
MULA	Mugla, Merkez-	3.48	38	P	Pn	21 18 09.3 +3.3
MULA	Mugla, Merkez-	3.48	38	P	Pn	21 18 40.1 -6.4
IZZE	Mula-Seydiike	3.48	56	S	Pn	21 18 44.1 -2.4
SABU	Mula-Dalaman	3.54	49	P	Pn	21 18 10.2 +3.1
SABU	Mula-Dalaman	3.54	49	P	Pn	21 18 42.5 -5.5
AYDN	Tasoluk	3.61	29	Pn	Pn	21 18 11.3 +3.3
AYDN	Tasoluk	3.61	29	Pn	Pn	21 18 11.2 +3.1
KARV	Karystos	3.63	345	P	Pn	21 18 09.9 +1.6
VLY	Voula, Athens	3.64	336	P	Pn	21 18 10.1 +1.7
AKAS	Kas	3.65	61	Pn	Pn	21 18 09.3 +0.7
AKAS	Kas	3.65	61	Pn	Pn	21 18 52.8 +1.9
AKAS	Kas	3.65	61	Pn	Pn	21 18 12.4 +3.7
AKAS	Kas	3.65	61	Pn	Pn	21 18 11.2 +2.5
AKAS	Kas	3.65	61	Pn	Pn	21 18 48.4 -2.4
DGB	zmir	3.66	15	P	Pn	21 18 10.2 +1.6
GMLD	Gumuldur	3.69	16	Pn	Pn	21 18 11.6 +2.6
ATHU	Athens Univer	3.75	337	P	Pn	21 18 11.4 +1.5
ZEVE	Izmir, Ura-Ze	3.77	10	P	Pn	21 18 12.1 +1.1
ZEVE	Izmir, Ura-Ze	3.77	10	P	Pn	21 18 53.1 -0.3
PNTL	Penteli	3.80	338	P	Pn	21 18 23.3 +1.7
DION	Dionisos Attik	3.81	339	P	Pn	21 18 12.5 +1.9
CAME	Cameli-Denizli	3.83	50	Pn	Pn	21 18 14.3 +3.2
AYBD	Zeytinokoy-Aydi	3.86	27	Pn	Pn	21 18 14.6 +3.0
CHOS	Chios Island	3.87	5	Pn	Pn	21 18 13.3 +1.7
CHOS	Chios Island	3.87	5	Pn	Pn	21 18 13.3 +1.7

DEMR	Demre-Antalya	3.87	63	Pn	Pn	21 18 16.4 +4.8
DNZT	Denizli-Tavas-	3.88	44	P	Pn	21 18 14.9 +3.1
DNZT	Denizli-Tavas-	3.88	44	P	Pn	21 18 53.9 -2.5
ESEN	Aydin-Nazilli	3.93	33	P	Pn	21 18 15.3 +3.0
ESEN	Aydin-Nazilli	3.93	33	P	Pn	21 18 52.4 -5.0
KEIK	Mula-Seydiike	3.94	53	P	Pn	21 18 17.5 +3.6
TAVA	DENIZLI_Tavas	3.95	41	P	Pn	21 18 15.5 +2.8
TAVA	DENIZLI_Tavas	3.95	41	P	Pn	21 18 55.8 -2.3
CAEL	Denizli, Camel	3.95	48	P	Pn	21 18 16.1 +3.3
CAEL	Denizli, Camel	3.95	48	P	Pn	21 18 55.8 -2.4
PYL	PYL0S	3.96	398	P	Pn	21 18 12.8 +0.0
VALY	Valyra	4.01	16	Pn	Pn	21 18 12.5 +0.1
BLBC	Balcova	4.03	16	Pn	Pn	21 18 16.0 +2.5
ITM	Ithomi	4.02	312	P	Pn	21 18 13.5 -0.1
ITM	Ithomi	4.02	312	P	Pn	21 18 14.5 +0.9
STFN	Stefani	4.02	336	P	Pn	21 18 15.5 +1.9
GRZL	Nazilli-Aydin	4.04	31	Pn	Pn	21 18 17.1 +3.6
IZMR	zmir-demi	4.05	37	P	Pn	21 18 17.1 +3.0
VILL	Villia	4.09	333	P	Pn	21 18 15.7 +1.0
ELL	Elmai	4.12	56	P	Pn	21 18 15.8 +0.7
ELL	Elmai	4.12	56	Pn	Pn	21 18 19.4 +4.4
DNIZ	Denizli-Tavas-	4.13	41	P	Pn	21 18 19.0 +3.8
DNIZ	Denizli-Tavas-	4.13	41	P	Pn	21 19 03.0 +0.4
APMY	Acipayama-Deniz	4.17	44	Pn	Pn	21 18 19.4 +3.6
GOLH	Golhisar	4.17	48	P	Pn	21 18 19.2 +3.4
KARB	zmir-Karabur	4.17	8	Pn	Pn	21 18 16.9 +1.2
ODEM	Odemis-Izmir	4.22	27	Pn	Pn	21 18 18.9 +3.4
AKUM	Antalya-Kumlu	4.23	64	P	Pn	21 18 18.3 +1.8
AKUM	Antalya-Kumlu	4.23	64	P	Pn	21 18 18.3 +1.8
BAGT	Foa	4.23	13	P	Pn	21 18 18.3 +1.8
KIRA	zmir-Kiraz	4.28	30	P	Pn	21 18 19.9 +2.6
KIRA	zmir-Kiraz	4.28	30	P	Pn	21 18 56.8 -9.5
KYMI	Kymi, Euboea I	4.28	344	P	Pn	21 18 19.9 +1.6
GRZL	GRZL	4.77	329	P	Pn	21 18 20.7 +0.7
SULTU	Buldani	4.33	35	P	Pn	21 18 20.8 +2.9
SULTU	Buldani	4.33	35	P	Pn	21 19 02.9 -4.6
AMT	Artemida-Makis	4.38	314	P	Pn	21 18 19.7 +1.1
CAMC	Merkez	4.42	17	P	Pn	21 18 21.8 +2.7
INCE	Denizli-Bozkur	4.49	44	P	Pn	21 18 22.3 +2.7
INCE	Denizli-Bozkur	4.49	44	P	Pn	21 18 21.3 +5.9
KLV	Kalavryta, Ach	4.50	322	P	Pn	21 18 21.1 +0.7
KORT	Korkuelli	4.55	56	Pn	Pn	21 18 25.8 +4.8
KORT	Korkuelli	4.55	56	P	Pn	21 18 23.3 +2.3
KORT	Korkuelli	4.55	56	P	Pn	21 18 25.5
KORT	Korkuelli	4.55	56	P	Pn	21 18 07.0 -6.0
ZEDA	zmir-Bergama	4.58	14	P	Pn	21 18 23.7 +

Table of astronomical observations for 2020 JUN, columns include station name, time, magnitude, position, and other parameters.

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P18A	Preston Nutter	5.53 225	IAML	21 57 52.5
comp=E,26nm,1.0s				
P18A			IAML	21 58 11.6
comp=N,4.25nm,1.1s				
ANMO	Albuquerque	8.76 187	LR	21 59 18.4
comp=N,35nm,21.2s,baz=134,slo=33				
I10CA	LAC DU BONNET	9.06 41	Pn	22 53 45.1
baz=224,slo=224,SNR=0.6				
ULM	Lac du Bonnet	9.16 41	Pn	21 56 52.9 0.0
comp=N,2.2nm,0.3s,baz=225,slo=12,SNR=25				
ULM			Lg	21 59 24.8
comp=N,0.8nm,0.3s,baz=133,slo=21,SNR=4.0				
NEW	Newport	9.49 303	LR	22 00 57.3
comp=N,81nm,20.7s,baz=166,slo=40				
I56US	NEWPORT INFRAS	9.49 303	I	22 46 00.0
baz=115,slo=313,SNR=1.6				
NVAR	Mina Array Bea	11.9 247	Pn	21 57 21.6 +0.8
comp=N,0.2nm,0.3s,baz=49,slo=12,SNR=1.9				
NVAR			LR	22 01 41.4
comp=N,34nm,20.2s,baz=221,slo=38				
TXAR	Lajitas Array	14.36 175	LR	22 03 13.0
comp=N,31nm,20.1s,baz=298,slo=36				
BBB	Bella Bella	15.10 307	LR	22 05 24.2
comp=N,35nm,21.0s,baz=311,slo=37				
YKA	Yellowknife A	19.65 347	Pn	21 59 11.3 +0.4
comp=N,0.1nm,0.3s,baz=168,slo=12,SNR=2.3				
ZALV	Zalesovo Beam	82.38 354	P	22 07 04.0 +0.9
comp=N,0.2nm,0.6s,baz=28,slo=6.5,SNR=4.7				
EBAR	Borovoye Array	83.61 3	P	22 07 10.8 +1.3
comp=N,0.6nm,0.8s,baz=1.1,slo=7.2,SNR=3.5				
KURBB	Kurchatov Arr	86.04 358	P	22 07 21.8 +0.2
comp=N,0.1nm,0.3s,baz=0.3,slo=3.4,SNR=2.1				
KBZ	Khabaz	88.44 23	LR	22 49 07.8
comp=N,13nm,18.4s,baz=89,slo=37				
MKAR	Makanchi Array	89.68 355	P	22 07 39.0 -0.3
comp=N,0.4nm,0.6s,baz=8.5,slo=5.2,SNR=4.2				
comp=N,0.4nm,0.6s				

IDC 19 22:59:21.4-1.4,33.65Sx178.07W,h0km,mb4.2/3,
 mbtmp2.4,ML3.6/1,Error ellipse: s-maj=39.1km
 s-min=36.6km az=66.0
 ISC 19 21:59:23.2-1.2,33.8S,02x178.2W,0.2,h10km,n8,
 o185/10,mb4.2/3,South of Kermadec Islands

Code	Station Name	A° AZ°	Phase ID	Time	Res
				h m s	ISC
URZ	Urewera	5.88 219	Op Pn	22 00 50.2	-0.1
1.4nm,0.3s,baz=48,slo=3.6,SNR=9-1					
URZ			Sn	22 01 56.9	-0.8
4.0nm,0.3s,baz=206,slo=21,SNR=7.6					
ASAR	Alice Springs	42.85 271	P	22 07 22.4	+0.6
2.5nm,0.8s,baz=112,slo=7.7,SNR=21					
WRA	Warramunga Arr	44.14 276	P	22 07 32.8	+0.6
3.2nm,0.7s,baz=119,slo=7.5,SNR=17					
WRA			PcP	22 09 18.6	+1.3
0.5nm,0.9s,baz=120,slo=5.1,SNR=2.3					
QSPA	South Pt Qui	56.37 180	P	22 09 05.1	+0.7
3.0nm,1.1s,baz=84,slo=19,SNR=3.9					
KURBB	Kurchatov Arra	123.23 312	PKP	22 18 20.9	+0.9
0.4nm,0.7s,baz=105,slo=2.0,SNR=5.9					
FINES	FINES Array B	148.20 338	PKPbc	22 19 05.3	-3.3
1.4nm,0.8s,baz=48,slo=2.1,SNR=3.9					
MMAI	Mount Meron Arr	151.98 278	PKPbc	22 19 21.0	+1.8
3.9nm,0.7s,baz=77,slo=6.2,SNR=2.0					
BRTR	Keskin Array B	153.87 292	PKPbc	22 19 20.6	-2.3
0.6nm,0.7s,baz=116,slo=2.9,SNR=4.0					

IDC 19 22:03:11.4-3.5,33.61Sx178.63W,h0km,mb3.6/2,
 mbtmp3.7/3,ML3.1/1,MS3.4/1,Error ellipse:
 s-maj=78.3km s-min=38.6km az=117.0, South of
 Kermadec Islands

Code	Station Name	A° AZ°	Phase ID	Time	Res
				h m s	ISC
RAO	Raoul Island	4.38 8	LR	22 05 24.9	
comp=Z,474nm,21.3s,baz=59,slo=30					
URZ	Urewera	5.79 215	Pn	22 04 36.8	-1.7
0.5nm,0.3s,baz=102,slo=19,SNR=2.0					
URZ			Sn	22 05 48.4	+2.9
1.4nm,0.3s,baz=134,slo=18,SNR=1.4					
ASAR	Alice Springs	42.51 271	P	22 11 08.8	0.0
0.9nm,0.7s,baz=111,slo=7.6,SNR=8.2					
WRA	Warramunga Arr	43.78 276	P	22 11 18.9	-0.2
0.3nm,0.4s,baz=115,slo=7.7,SNR=6.8					
FINES	FINES Array B	147.94 338	PKPbc	22 22 57.3	-0.5
1.0nm,0.8s,baz=46,slo=4.0,SNR=2.2					

IDC 19 22:06:32.1-3.5,33.24Sx178.25W,h0km,mb3.7/2,
 mbtmp3.7/3,ML3.1/1,Error ellipse: s-maj=78.2km
 s-min=38.4km az=117.0, South of Kermadec Islands

Code	Station Name	A° AZ°	Phase ID	Time	Res
				h m s	ISC
URZ	Urewera	6.27 216	Op Pn	22 08 06.3	+0.5
0.4nm,0.3s,baz=29,slo=10,SNR=1.5					
URZ			Sn	22 09 17.2	-0.8
1.3nm,0.3s,baz=40,slo=11,SNR=7.2					
ASAR	Alice Springs	42.82 270	P	22 14 32.1	+0.2
0.6nm,0.6s,baz=111,slo=7.2,SNR=8.6					
WRA	Warramunga Arr	44.06 275	P	22 14 41.7	-0.3
0.9nm,0.8s,baz=117,slo=8.1,SNR=7.5					
FINES	FINES Array B	147.71 338	PKPbc	22 26 17.0	-0.9
1.4nm,0.8s,baz=9.1,slo=7.5,SNR=2.1					

IDC 19 22:07:30.1-3.3,33.16Sx178.07W,h0km,mb3.8/2,
 mbtmp3.9/3,ML2.6/1,Error ellipse: s-maj=79.0km
 s-min=48.6km az=126.0, South of Kermadec Islands

Code	Station Name	A° AZ°	Phase ID	Time	Res
				h m s	ISC
URZ	Urewera	6.50 214	Op Pn	22 28 10.2	-0.5
0.6nm,0.3s,baz=36,slo=8.7,SNR=2.2					
URZ			Sn	22 29 21.3	-4.2
0.5nm,0.3s,baz=36,slo=6.3,SNR=1.5					
ASAR	Alice Springs	42.76 270	P	22 34 33.6	+0.4
0.2nm,0.5s,baz=108,slo=7.3,SNR=1.6					
WRA	Warramunga Arr	43.97 275	P	22 34 42.8	-0.4
0.2nm,0.4s,baz=115,slo=8.1,SNR=6.9					
FINES	FINES Array B	147.39 338	PKPbc	22 46 18.1	-0.8
0.7nm,0.8s,baz=33,slo=3.3,SNR=5.4					

IDC 19 22:42:19.7-1.8,59.68N,152.90W,h67km,29km,mb3.4/4,
 mbtmp3.7/7,ML3.8/3,Error ellipse: s-maj=33.0km

s-min=10.7km az=109.0
 NEIC 19 22:42:20.2-1.0,59.59N,0.03:152.65W,0.06,h76km,5km,
 ML3.6/148,ML3.4(AEIC),Error ellipse: s-maj=5.1km
 s-min=4.3km az=147.0
 AEIC 19 22:42:21.1-0.9,59.57N,0.03:152.67W,0.06,h72km,5km,
 Error ellipse: s-maj=4.9km s-min=4.2km az=155.0
 ISC 19 22:42:19.8-0.8,59.57N,0.03:152.65W,0.03,h77km,5km,
 n181,c083/199,mb3.7/4,Southern Alaska

Code	Station Name	A° AZ°	Phase ID	Time	Res
				h m s	ISC
P19K	Oil Pt	0.31 287	Op Pn	22 42 31.9	+0.1
P19K			Pn	22 42 41.2	+0.5
AU22	Augustine Moun	0.41 242	Pn	22 42 32.8	+0.3
AU22			Pn	22 42 42.6	+0.8
AUL	Augustine Lava	0.44 246	Pn	22 42 33.2	+0.4
AUL			Sn	22 42 43.3	+1.0
AUJK	Augustine Jueg	0.44 241	Pn	22 42 33.1	+0.4
AUJK			Sn	22 42 43.0	+0.6
ILS	Iliamna Low So	0.45 332	Pn	22 42 32.8	-0.2
ILS			Sn	22 42 42.5	-0.1
AGU	Augustine-Summ	0.45 243	Pn	22 42 33.3	+0.3
AUF	Augustine Flow	0.45 247	Pn	22 42 33.1	+0.3
AUF			Sn	22 42 43.2	+0.8
AUCH	Augustine Cone	0.46 244	Pn	22 42 33.3	+0.4
AUI	Augustine Isla	0.46 240	Pn	22 42 33.1	+0.2
AUI			Sn	22 42 43.1	+0.6
AUW	Augustine West	0.46 245	Pn	22 42 33.3	+0.4
ILSW	Iliamna Southw	0.49 329	Pn	22 42 33.1	-0.2
ILSW			Sn	22 42 42.9	-0.3
ILSW	comp=E,3um,0.4s		IAML	22 42 43.2	
IVE	Iliamna 4um,0.2s	0.49 338	Pn	22 42 33.1	-0.2
O20K	Slope Mountain	0.52 1	Pn	22 42 44.7	+1.1
HOM	Homor	0.52 79	Pn	22 42 33.9	+0.5
CNPM	China Pout	0.72 83	Pn	22 42 35.7	+0.9
CNPM			Sn	22 42 42.7	+0.5
Q19K	Cape Douglas,	0.82 219	Pn	22 42 36.6	0.0
Q19K			Sn	22 42 43.9	+0.3
Q19K	comp=E,3um,0.7s		IAML	22 42 51.3	
Q19K	comp=N,2um,0.8s		IAML	22 42 57.9	
RED	Redoubt Volcan	0.86 356	Pn	22 42 37.0	-0.1
RED			Sn	22 42 49.7	-0.2
RED	comp=N,3um,0.5s		IAML	22 42 50.8	
RDSO	Redoubt South	0.89 357	Pn	22 42 51.3	+0.6
BRLL	Bradley Lake	0.92 77	Pn	22 42 37.5	-0.2
BRLL			Sn	22 42 51.9	+0.9
REF	Redoubt East F	0.93 358	Pn	22 42 38.2	+0.2
REF			Sn	22 42 46.1	+0.6
BRSE	Bradley Lake S	0.98 79	Pn	22 42 38.9	+0.4
RDT	Redoubt	1.02 7	Pn	22 42 53.4	+0.2
Q19K	Pot Alsworth	1.05 308	Pn	22 42 39.2	-0.1
Q19K			Sn	22 42 53.7	-0.1
Q19K	Big Mountain,	1.33 264	Pn	22 42 59.1	-1.0
Q19K	Koktuh Hills	1.33 284	Pn	22 42 52.5	-0.3
Q19K	comp=E,722nm,0.8s		IAML	22 43 00.3	
Q18K	comp=N,833nm,0.8s		IAML	22 43 00.5	
CAPN	Captain Cook N	1.42 31	Pn	22 42 46.1	+2.2
KAHG	Katmai Hook G	1.46 223	Pn	22 43 03.6	+0.5
Q18K	Katmai Hardscr	1.53 234	Pn	22 42 45.4	-0.1
Q18K			Sn	22 43 04.3	-0.5
SLMK	Skilak Lake	1.54 51	Pn	22 42 45.8	+0.2
SLMK			Sn	22 42 56.1	+0.6
N19K	Bonanza Creek	1.55 235	Pn	22 43 04.8	-0.5
KAWH	Katmai	1.63 224	Pn	22 43 07.1	+0.1
SPU	Mout Spurr	1.65 10	Pn	22 42 47.5	+0.5
SPU			Sn	22 43 07.9	+0.4
SPUR	Spurr Chakacha	1.65 7	Pn	22 43 05.0	+0.6
SPWE	Spurr West	1.71 1	Pn	22 42 48.5	+0.6
O22K	Cooper Landing	1.73 57	Pn	22 42 48.7	+0.7
KAKM	Katmai Knife C	1.79 226	Pn	22 43 10.7	-0.1
KAKM	Kodiak Island	1.79 179	P	22 42 48.5	-0.2
KDAK	comp=N,261nm,0.2s,baz=18,slo=12,SNR=1208		Sn	22 43 13.5	+2.7
KDAK	comp=N,165nm,0.4s,baz=53,slo=20,SNR=15		LR	22 43 23.1	
KDAK	comp=N,34nm,19.3s,baz=28,slo=33		LR	22 43 23.1	
KDAK	Kodiak Island	1.79 179	Pn	22 42 48.5	-0.2
KDAK	comp=N,439nm,0.7s		IAML	22 43 16.1	
KDAK	comp=N,823nm,0.5s		IAML	22 43 18.5	
ACHA	Anchor Creek	1.94 227	Pn	22 42 50.7	-0.2
N18K	Kilae Creek	1.97 306	Pn	22 42 51.3	+0.1
N18K			Sn	22 43 14.6	-0.5
N18K			Sn	22 43 14.8	
STLK	comp=N,339nm,0.7s		IAML	22 42 52.1	+0.7
STLK	Strandline Lake	1.98 11	Pn	22 43 18.9	
STLK	comp=E,231nm,0.8s		IAML	22 43 18.9	
CAHL	Cahill	2.05 223	Pn	22 42 53.0	+0.7
RC01	Rabbit Creek A	2.11 42	Pn	22 42 53.9	+0.9
Q17K	Contact Creek	2.13 234	Pn	22 42 53.1	+0.1
KJL	Kejulik	2.15 226	Pn	22 42 54.5	+0.9
Q16K	King Salmon	2.25 248	Pn	22 42 55.8	+0.8
Q17K	Koliganek Bris	2.27 277	Pn	22 43 21.7	-0.4
OHAK	Old Harbor	2.32 188	P	22 42 56.1	-0.5
OHAK	Old Harbor	2.38 188	Pn	22 42 56.6	-0.6
OHAK	comp=N,188nm,0.5s		IAML	22 43 35.5	
OHAK	comp=N,174nm,0.5s		IAML	22 43 35.6	
N17K	Nushagak Hills	2.47 295	Pn	22 42 57.7	-0.2
N17K			IAML		

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like VA01 Torpederas, MT15 Las Vizcachas, GO05 Hualane, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BRTR Keskin Array B, H10N3 ASCENSION HYDR19.82 123 T, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RO5C El Rosal, ESDC Sonseca Array, DAVOX Davos/Dinnmat, etc.

GCMT 20 03:06:01.0-0.5, 23:44N-0:03:123:50E:0:05, h3km±1km, MW4.8/62, Moment Tensor Solution. s18, c18; s62, c87; Duration: 0 Moment tensor: Scale 10^16Nm; Mw=1.87±0.20; Ms=1.58±.12; Mb=0.29±.12; Mw=7.0±.14; Ms=0.92±.08; Mb=0.21±.18; Best double couple: Mc=2.080000*10^16 NPT=0.239 000000, 835.000000, 783.000000; NP2=0.680000, 856.000000, 195.000000; Principal axes: T 2.0160, Plg79.0000, Azm35.0000; N 0.1290, Plg4.0000, Azm154.0000; P -2.1450, Plg10.0000, Azm154.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Surface-wave location Triangular moment-rate function Southwestern Ryukyu Islands

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like JANB Januaria, SNDB Serra Nova Dou, BDFB Brasilia, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, h, m, s, ISC. Includes stations like RO5C El Rosal, ESDC Sonseca Array, DAVOX Davos/Dinnmat, etc.

PLCA Paso Flores 156.19 158 PKPab PKPab 04 10 16.2 -1.1 comp=Z,3.9nm,1.0s,baz=284,slow=13,SNR=4.0

MOS 20 03:50:51.8, 43°18'N, 39°77'E, h11km, MPVA3.7 AFAD 20 03:50:54.9, 43°37'N, 39°38'E, h9km, 5km, ML2.6 ISC 20 03:50:52.1, 0.9, 43.76N, 0.02-39.75E, 0.02, h13km, 7km, n29, r111°58, Western Caucasus

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists various stations like SOCH, SOCI, MARY, GUZR, VESY, etc.

IDC 20 03:59:28.1, 0.9, 34°45'S, 178°47'W, h0km, mb4.4/5, mbmp4.5/6, ML4.3/1, MS3.5/9, Error ellipse: s-maj=29.9km s-min=26.1km az=120.0

NEIC 20 03:59:30.1, 2.2, 34°75'O, 1°17'8"W, 0.1, h10km, 1km, mb4.5/7, Error ellipse: s-maj=21.0km s-min=17.7km az=65.0

WEL 20 03:59:30.0, 34°70'S, 178°28'W, h12km, M4.6/25, mbM5.2/12, ML4.7/29, MLv4.8/25, Mw(m)B4.5/12, confirmed

NOU 20 03:59:39.2, 35°23'S, 178°51'W, h98km, mb4.5/13, East of North Island, N.Z.

ISC 20 03:59:28.6, 0.8, 34.78S, 0°07'178°11'W, 0.08, h10km, n135, r198°184, mb4.5/8, MS3.5/7, South of Kermadec Islands

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

Table with columns: NMHZ, MKAZ, TOZ, etc. Lists various stations like MUMAKAI, TAHUROA ROAD, AROPAOANUI, etc.

Table with columns: MMAI, NB2, NOA, HFS, TORD, etc. Lists various stations like MERON AR, SUBARAI, HAGFORS, etc.

20d 4h

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

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

2020 JUN

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

IDC 20:04:36:42.1.9.4.2.13S.101.28E, h0km, mb3.4/4, mbmp3.4/4, MS3.6/1, Error ellipse: s-maj=511.6km s-min=26.2km az=52.0

DJA 20:04:36:51.9.0.3.2.S.2*10^1.Es., h50km,4km, M3.4/13, MLV3.4/13

ISC 20:04:36:51.0.1.0.2.36S.0.07*100.94E:0.06, h82km, 12km, n10, c057/14, mb3.5/4, Southun Sumatera

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

IDC 20:04:44:31.3.0.0.6.15.98S:173.03W, h0km, mb4.3/15, mbmp4.3/15, MS4.0/59, Error ellipse: s-maj=24.5km s-min=16.3km az=136.0

NEIC 20:04:44:31.3.1.5.16.3S:0.1*172.6W:0.1, h10km, 1km, mb4.7/11.2, Error ellipse: s-maj=20.7km s-min=16.2km az=232.0

GCMT 20:04:44:38.3.0.3.15.89S:0.03*172.54W:0.02, h23km, 1km, MW5.0/69, Moment Tensor Solution, s40,c44; s69,c87; Duration: 0 Moment tensor: Scale 10^19Nm; Mr3.16z:20; Mw-1.19z:13; Mw-1.97z:12; Mw-1.45z:21; Mw-1.43z:10; Mw-1.20z:15; Best double couple: M3.6350Dx:1016; NP1=211.00000; R3.000000; 1.79.00000; NP2: 9.44.00000; 861.00000; 1.96.00000; Principal axes: T 3.7040, P1g74.0000, Azm330.0000; N -0.1380, P1g5.0000, Azm221.0000; P -3.5660, P1g15.0000, Azm129.0000; nsta2 refers to station waves, cutoff=40s. nsta1 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 20:04:44:31.0.4.16.21S:0.08*172.54W:0.07, h10km, n186, c151/83, mb4.6/70, MS4.1/61, 2D, Samoa Islands region

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

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Table with columns: Code, Station Name, Az, Az', Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like H1N2, WAKE ISLAND HY, TOO, COEN, STKA, etc.

20d 6h

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like M17K, AKASG, EKA, GERES.

TRN 20 06:17:00.2, 10°04N, 62°09W, h62km, MD3.6, South-west of Trinidad, near coast of Venezuela.

FUNV 20 06:17:03.4, 10°42N, 62°10W, h5km, MW3.5, Presumed earthquake

ISC 20 06:17:04.5±3.1, 10°49N, 069.62°11W, 0.1, h11km±10km, n15, c1502/28, Near coast of Venezuela

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like DMDM, PSMG, PSQC, PSQH, TRN, GRFF, GRGR, GRSS, GCMP, SLBI, BIM.

WEL 20 06:17:07.0, 7.0, 34°S, 6°17'9W, 1.2, h12km, M4.3/10, mb4.7/4, ML4.3/12, MLv4.4/10, Mw(MB)4.9, Error ellipse: s-maj=17.8km, s-min=3.9km, az=114.7, confirmed

ISC 20 06:17:08.3±1.2, 33°76'S, 178°29'W, h0km, mb4.1/4, mbtmp4.0/6, ML4.7/2, MS3.0/4, Error ellipse: s-maj=33.9km, s-min=27.9km, az=76.0

NEIC 20 06:17:11.8±2.1, 34°15'S, 0°08'18W, 5W, 0.2, h10km, 1km, mb4.6/11, Error ellipse: s-maj=27.5km, s-min=12.5km, az=98.0

ISC 20 06:17:11.3±0.7, 34°13'S, 0°06'178W, 44W, h10km, n50, c530/63, mb4.3/8, South of Kermadec Islands

Large table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like WMGZ, PKGZ, HAZ, PUZ, GLKZ, RAO, RUGZ, TWGZ, MWZ, URZ, URW, RAGZ, RIGZ, SNGZ, RTZ, MUGZ, MTHZ, NMHZ, BKZ, KWHZ, OTVZ, BHZ, PNHZ, CTZ, MSVZ, MARNC, DZM, KOUNC, EIDS, CTA, AS31, ASAR, ASAR, WRA, WRA, WRA, MORW, QSPA, QSPA, PMSA, JMN, MJAR, KSAR.

2020 JUN

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like PEAOB, KURBB, FINES, MMAI, HFS, BRTR.

ISC 20 06:22:50.4, 0.4, 9.4, 44S, 104°02E, h0km, mb3.6/3, 0.6mm, 0.5s, baz=298, slow=8.9, SNR=2.4

DJA 20 06:22:54.3, 0.5, 6°S, 3°10'E, h11km±4km, M3.4/12, MLv3.4/12

ISC 20 06:22:56.2±1.3, 5°62'S, 10°103'26E, 0.05, h46km±17km, n14, c1528/16, mb3.5/3, Southern Sumatra

Table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like LWLI, EGSI, KASI, MNAI, MDSI, KLSI, WRA, ASAR, STKA, TLY, H04N2, H04N1, H04N3, TXAR.

TAP 20 06:23:52.5, 24°12N, 122°64E, h51km, ML4.0, B, JMA 20 06:23:52.0, 0.1, 24°N, 122°7E, 0.6, h58km, 1km, MV3.2/16, NW OFF ISHIGAKIJIMA IS

ISC 20 06:23:52.4±1.2, 24°38'N, 0°03'122'69E, 0.02, h56km±6km, n136, c1506/247, Taiwan region

Large table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like JYNG, YOJ, YOJ, EIOS, EIOS2, EIOS4, TWC, EGS, EWUT, ENA, EAHA, TWB1, DONGSHAN, IAN, IRIF, TRIP, TIFB, TWP, TWE, ETT, NACB, SX11, TWD, NIoudou, HATJ, HWA, LATA, FUSB, WFSB, NDT, ETNL, TEYL, TNOU, NWT, ETL, ETM, TWA, SHUL, NNSB, NNSH, FUS, NNS, JKRS, LXIB, YHNB, TEGC, TATO, TATO, NSK, YM01, ESL, YM08, JWH, WHF, FUSHU, CHENHUA, TTYW, EGHF, WARB, WARB, TWS1, NCTY, NTST, TWT, TDCB, KSHI, OWD, OWD, NFF, HGSD, WUSB, WUSB, JISG, NCUH, EHW, EHYH, EHY, LIOB, LIOB, NSBN, NSIT, WHP, WHP, YULB, EYUL, EYUL, HSN, HSN, WPL, TWF1, TWF1, DPDB, DPDB, WCS, CHKH, CHKH, SSSLB, SMLT, SMLT, FULB, FULB, TYC, CHYK, CHYK, CHKT, WHYT, JTYJ, JTYJ, TCU, ECS, EDH, EDH, WNT1, WNT, WNT, ALS, ELDST, ELDST, WCHH, LDUT, LDUT, LONT, LONT, WCKG, WCKG, WDLH, WDLH, WCKO, WCKO, STYH, STYH, TWGB, TWGB, STYT, STYT, PINGANG, TWG, TTN, TTN, WRL, WRL, TPUB, TPUB, CHN4, CHN4, WTP, WTP, TUKU, WTK, CHY, WTK, CHNH, CHNH, JIRJ, JIRJ, SGST, SGST, SLGT, SLGT, SZHU, ECL, ECL, EML, EML, JMJ, JMJ, SHULIN, ICHU, ICHU, SSD, SSD, SCS, SCS, TSMJ, TSMJ, LAY, LAY, LYUB, LYUB, MASHULUO, MASHULUO, EAST, EAST, ANSHU, TAWH, TAWH, TSCK, TSCK, SLIU, SLIU, SLIU, DMGT, DMGT, WDJG, WDJG, MATB, MATB, VCHM, VCHM, PTMJC, PTMJC, LYJZ, LYJZ, LYJZ.

1214

Large table with columns: Code, Station Name, Δ° AZ', Phase ID, Time, Res. Includes stations like WARB, TWS1, NCTY, NTST, TWT, TDCB, KSHI, OWD, OWD, NFF, HGSD, WUSB, WUSB, JISG, NCUH, EHW, EHYH, EHY, LIOB, LIOB, NSBN, NSIT, WHP, WHP, YULB, EYUL, EYUL, HSN, HSN, WPL, TWF1, TWF1, DPDB, DPDB, WCS, CHKH, CHKH, SSSLB, SMLT, SMLT, FULB, FULB, TYC, CHYK, CHYK, CHKT, WHYT, JTYJ, JTYJ, TCU, ECS, EDH, EDH, WNT1, WNT, WNT, ALS, ELDST, ELDST, WCHH, LDUT, LDUT, LONT, LONT, WCKG, WCKG, WDLH, WDLH, WCKO, WCKO, STYH, STYH, TWGB, TWGB, STYT, STYT, PINGANG, TWG, TTN, TTN, WRL, WRL, TPUB, TPUB, CHN4, CHN4, WTP, WTP, TUKU, WTK, CHY, WTK, CHNH, CHNH, JIRJ, JIRJ, SGST, SGST, SLGT, SLGT, SZHU, ECL, ECL, EML, EML, JMJ, JMJ, SHULIN, ICHU, ICHU, SSD, SSD, SCS, SCS, TSMJ, TSMJ, LAY, LAY, LYUB, LYUB, MASHULUO, MASHULUO, EAST, EAST, ANSHU, TAWH, TAWH, TSCK, TSCK, SLIU, SLIU, SLIU, DMGT, DMGT, WDJG, WDJG, MATB, MATB, VCHM, VCHM, PTMJC, PTMJC, LYJZ, LYJZ, LYJZ.

WEL 20 06:24:36.9±3.3, 34°S, 29°17'9W, 7.1, h134km, 120km, M4.2/9, mb4.8/4, ML4.2/12, MLv4.2/9, Mw(MB)4.1/4, Error ellipse: s-maj=99.7km, s-min=9.3km, az=111.3, confirmed, South of Kermadec Islands

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like WMIGZ, PKGZ, HAZ, PUZ, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like ASAR, WRA, WRA, WB0, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like CAVK, XANC, GADA, etc.

IDC 20 06:24:55.0,3.2,22'32.5"179.98E,h231km,28km,mb4.0/3, m12mp4.7/5, Error ellipse: s-maj=31.3km s-min=19.5km

NEIC 20 06:24:56.2,0.9,33'55.0"179.9E,0.2,h233km,9km, mb4.3/13, Error ellipse: s-maj=21.3km s-min=8.7km az=109.0

WEL 20 06:25:03.3,1.0,33'52.1"181.0W,1.5,h252km,39km, M4.2/17,mb4.7/12,ML4.4/19,MLv4.9/17,Mw(mB)3.9/12, Error ellipse: s-maj=20.1km s-min=15.3km az=106.5, confirmed

NOU 20 06:25:25.7,3.4,81'S:178.62E,h293km,MLV4.6/11, South of Kermadec Islands

ISC 20 06:24:56.6,0.6,32.63S,0'06.180'0W,0.1,h250km,n98, az=231'30,mb4.2/5, South of Kermadec Islands

QSPA South Pole Qui 57.48 180 P P 06 34 22.7 +3.2

BELA Belgrano 2 67.81 173 P Iamb Iamb 06 35 29.4 +2.2

ESPZ Base Esperanza 74.20 157 P Iamb Iamb 06 36 08.3 +2.7

BOO2 Sierra Bellara 85.62 129 P PKPbc PKPbc 06 37 08.6 +1.3

HFS Hagfors 151.04 36 PKPbc PKPbc 06 44 18.1 -1.0

THAS Thassos island 0.68 256 P Pg 06 56 24.4 -0.1

THAS Thassos island 0.68 256 P S 06 56 24.0 +0.6

GELI Tayfur-Gelibol 0.77 118 Pg Pg 06 56 25.9 -0.4

KESN Edirne-Kesan 0.83 86 P S 06 56 26.5 -1.0

KAVA Kavala 0.84 286 P Pg 06 56 27.6 -0.1

SNET 20 06:48:29.9,2.2,13'70N:91.54W,h35km,ML3.5, Presumed earthquake

CATAC 20 06:48:30.1,0.8,14'N:6'x9'1W,az,h2km,6km,M3.5/16, MLv3.5/16, Error ellipse: s-maj=13.6km s-min=5.0km az=10.8, confirmed

GCG 20 06:48:30.0,0.2,0.0,13'62N:91.42W,h13km,18km,MD4.3, MW3.2, Presumed earthquake

ISC 20 06:48:32.4,2.1,13.61N,0'10.9140W,0'07,h32km,13km, n40, i052/55, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like MXZ, MKAZ, CNIGZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like STG5, STG2, STG2, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like UKOP, KAZ, LIMOS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like URZ, RAGZ, TOZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like RTAL, RTAL, RTAL, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like CNKL, CNKL, CNKL, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like WPRZ, RAHZ, FAHZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like JAYA, JAYA, JAYA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like BOZC, BOZC, BOZC, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like TLZ, MRHZ, MRHZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like BOGOS, BOGOS, BOGOS, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like TRGA, EZNE, EZNE, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like ARHZ, ARHZ, ARHZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like COEG, COEG, COEG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like DIM, DIM, DIM, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like BHZ, BHZ, BHZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like CSNO, CSNO, CSNO, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like CANM, CANM, CANM, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like TRVZ, TRVZ, TRVZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like MTKR, MTKR, MTKR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like PLD, PLD, PLD, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like PNHZ, PNHZ, PNHZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like ALEX, ALEX, ALEX, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes stations like CRLT, CRLT, CRLT, etc.

ISC 20 06:56:10.7, 40'81N:25'54E, h8km, ML3.6/23

ISC 20 06:56:11.5, 0.9, 40'77N:01'25.58E, 0.01, h8km, 8km, n133, 0e93/189, 21'32', Aegean Sea

ISC 20 06:56:11.4, 40'80N:0'9.25'6E:0.9, h3km, 1km, M3.2/21, MLh3.2/21

ISC 20 07:46:37.7-2.1,33.1S;0.1x177.8W,0.3,h10km,n31,

c187;37, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Green Lake, Te Kaha, Raukumara Rang, etc.

IDC 20 07:46:57.2-1.2,32.70S;71.88W,h0km,mb3.0/1, mbmp3.4/4,ML4.0/3,MS3.2/1, Error ellipse: s-maj=35.1km

SJA 20 07:46:58.9-1.1,32.79S;71.84W,h25km,3km,ML3.8, MW3.7

GUC 20 07:47:01.9-0.6,32.80S;71.75W,h30km,4km,ML3.9

ISC 20 07:46:59.6-1.1,32.75S;0.03-71.87W,0.05,h24km,gkm, n44, c0899/61,14D, Near coast of central Chile

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Torpederas, Catapilco, Los Peladeros, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H03N2, H03S1, H03S2, etc.

RSNC 20 07:58:32.5-0.7,N:1x73W,1,h146km,2km,M2.9,mb3.0, mb4.6,ML2.6,Mw(m)B3.8,Northern Colombia

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

NOU 20 08:03:01.6,37.86S;178.52E,h50km,MLV3.9/11, Off E. Coast of N. Island, N.Z.

WEL 20 08:03:04.3-0.7,38.5S;177.8E, h50km,5km, M3.3/50, ML3.2/13,MLV3.3/50, Error ellipse: s-maj=7.2km

ISC 20 08:03:00.1-2.1,37.76S;0.06-178.40E,0.09,h90km,9km, n123, c1963/130, Off east coast of North Island

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

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

IDC 20 08:03:19.3-0.8,44.24N;115.18W,h0km,mbmp3.0/6, ML3.1/6, Error ellipse: s-maj=10.9km s-min=6.7km

BUT 20 08:03:20.6-1.5,44.28N;0.02-115.06W,0.03,h6km,5km, Error ellipse: s-maj=3.5km s-min=2.3km az=206.0

NEIC 20 08:03:20.3-1.2,44.30N;0.03-115.05W,0.02, h12km,10km,ML3.3/76,ML3.6/31(BUT), Error ellipse: s-maj=3.8km s-min=1.8km az=195.0

ISC 20 08:03:20.6-0.9,44.30N;0.03-115.09W,0.03,h11km,n65, c1538/69, Western Idaho

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

2020 JUN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Hansel Valley, Old Faithful, Pitchstone Pla, etc.

WEL 20 08:11:38.2-0.9, 33°S, 14°17'9W, h12km, M4.3/6, mb4.3/1, ML4.2/11, MLV4.3/6, Mw(mb)3.5/1, Error ellipse: s-maj=45.4km s-min=4.6km az=112.8, confirmed

ISC 20 08:11:39.7-3.3, 33.3745°S, 178.59W, h0km, mb3.4/2, mbtm3.5/3, ML3.6/11, Error ellipse: s-maj=77.1km s-min=47.0km az=123.0

ISC 20 08:11:35.6-2.5, 33.73S, 0.2-178.3W, 0.4, h10km, n21, c=174/34, South of Kermadec Islands

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

2020 JUN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TNG, DBJI, SKJI, etc.

WRA Warramunga Arr 30.25 119 P P 08 23 00.7 +0.9

WRA Warramunga Arr 30.25 119 P P 08 23 00.7 +0.9

WRA Warramunga Arr 30.25 119 P P 08 23 00.7 +0.9

ASAR Alice Springs 31.50 126 P P 08 23 12.2 +1.5

ASAR Alice Springs 31.50 126 P P 08 23 12.2 +1.5

ASAR Alice Springs 31.50 126 P P 08 23 12.2 +1.5

ASAR Alice Springs 31.50 126 P P 08 23 12.2 +1.5

ASAR Alice Springs 31.50 126 P P 08 23 12.2 +1.5

ASAR Alice Springs 31.50 126 P P 08 23 12.2 +1.5

ASAR Alice Springs 31.50 126 P P 08 23 12.2 +1.5

ASAR Alice Springs 31.50 126 P P 08 23 12.2 +1.5

ASAR Alice Springs 31.50 126 P P 08 23 12.2 +1.5

ASAR Alice Springs 31.50 126 P P 08 23 12.2 +1.5

ASAR Alice Springs 31.50 126 P P 08 23 12.2 +1.5

ASAR Alice Springs 31.50 126 P P 08 23 12.2 +1.5

ASAR Alice Springs 31.50 126 P P 08 23 12.2 +1.5

ASAR Alice Springs 31.50 126 P P 08 23 12.2 +1.5

2020 JUN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YONAGUNI JIMA, IRIMOTE-FUNAU, etc.

WEL 20 08:41:17.7-0.6, 37°S, 177°41'E, h0km, mb4.4/7, Off E. Coast of N. Island, NZ

WEL 20 08:41:17.7-0.6, 37°S, 177°41'E, h12km, M3.0/30, ML3.0/19, MLV3.0/30, Error ellipse: s-maj=6.3km s-min=4.1km az=2.8, confirmed

ISC 20 08:41:17.8-1.2, 37.28S, 0.06-177.46E, 0.03, h10km, n87, c=091/90, Off east coast of North Island

Code Station Name Az Az' Phase ID Time Res

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

Table with columns: M, B, A, Z, S, T, P, Pn, Time, Res. Includes stations like Motutapu North, Rihia Road, McNeill Hill, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Waioamatini S, Pakihiroa, Taka Kaha, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Iriomote-Funau, Fush Village, Dongshan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Urewera, Murupara, Shannon Statio, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Urewera, Pakihiroa, Taka Kaha, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Iriomote-Funau, Fush Village, Dongshan, etc.

NAO 20 09:04:21.1 ± 1.3, 79°12'N, 2°59'E, h10km, ML2.7

BER 20 09:04:22.8 ± 3.8, 79°22'N, 2°52'E, h10km, Mw3.9

ML2.7 (NAO), Confirmed Earthquake

DKN 20 09:04:24.8 ± 2.5, 79°13'N, 2°96'E, h36km, 19km, ML1.7

Presumed earthquake

FCIAR 20 09:04:25.0, 79°23'N, 4°46'E, h10km, station ZF12 has station magnitude of 3.10 station OMEGA has station magnitude of 3.20

ISC 20 09:04:19.6 ± 0.9, 79°17'N, 0°06' ± 2.65E ± 0°05', h10km, n27, c=241/44, 1C, Greenland Sea

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Kingsbay, Barentsburg A, Spitsbergen Ar, etc.

JMA 20 09:33:57.3 ± 0.2, 44°54'N, 0°7' ± 145°7'E, 0.2h, h21km, 1km, MV3

RIKHL 20 09:33:59.3 ± 0.4, 44°40'N, 145°60'E, h25km, 1km, mb=4.5/5

ISC 20 09:33:58.7 ± 1.2, 44°42'N, 0°04' ± 145°65'E, 0.10h, h25km, 12km, n15, c=51/27, Hokkaido region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Yuzh-Kuril'sk, Abashiri-Toko, Kushirohmanak, etc.

TAP 20 10:14:00.6 ± 24.29N: 122°68'E, h53km, ML3.8, C

JMA 20 10:14:00.8 ± 0.1, 24°12'N, 122°72'E, 0.5h, h50km, 2km, MV3.1/17, NW OFF ISHIGAKIJIMA IS

ISC 20 10:14:01.6 ± 1.2, 24°22'N, 0°03' ± 122°68'E, 0.02h, h48km, 7km, n127, c=192/123, 1C-2D, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Yonagunijimaku, EOS3, EOS4, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Iriomote-Funau, Fush Village, Dongshan, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like WRA Warrunganga Arr, FITZ Fitzroy Crossi, QSPA South Pole Qui, etc.

ADC 20:10:46:52.6:0.13:20N:49.99E, h0km, mb3.9/20, mbmp3.9/20, ML2.7/1, MS3.4/20, Error ellipse: s-maj=20.6km s-min=16.7km az=152.0

NEIC 20:10:46:53.9:2.1, 13:17N:01:08:50.0E:0.1, h10km, 1km, mb4.2/11, Error ellipse: s-maj=20.6km s-min=5.4km az=126.0

ISC 20:10:46:53.5:0.6, 13:13N:01:09:50.0E:0.9, h10km, n55, 0:092/43, mb4.0/22, MS3.4/20, Eastern Gorge of Aden

Main table of station data for the left column, including ATD Arta Tunnel, ATD Arta Tunnel, ATD Arta Tunnel, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like NVAR Mina Array Bea, TXAR Lajitas Array, WEL 20:10:51:46.8:1.0, 34.5:9.17, etc.

WEL 20:10:51:46.8:1.0, 34.5:9.17, 17:8W:2.3, h12km, M4.6/13, MB4.9/6, ML4.4/13, MLV4.8/13, Mw(MB)4.2/6, Error ellipse: s-maj=31.5km s-min=4.3km az=111.3, confirmed

ISC 20:10:51:47.5:0.6, 33:61S:178:33W, h0km, mb4.4/11, mbmp4.3/13, ML4.9/2, MS3.8/3, Error ellipse: s-maj=23.3km s-min=18.9km az=111.0

NEIC 20:10:51:49.1:0.9, 33:74S:0:07:17:4W:0.2, h10km, 1km, mb4.5/16, Error ellipse: s-maj=25.5km s-min=7.1km az=110.0

GCMT 20:10:51:51.0:0.5, 33:53S:0:05:177:63W:0.04, h21km, 1km, MW4.8/79, Moment Tensor Solution, s19.c21, s79.c94, Duration: 0 Moment tensor: Scale 1019Nm; Mr-2.45e-19; Mw0.51e-12; Mbb1.94e-13; Mbb0.37e-25; Mbb0.42e-07; Mbb0.15e-22; Best double couple: Ms2.27900x10^16 NP1:0.350,00000, 0.45,600000, -1.79,000000. NP2:0.57,00000, 0.346,00000, -1.101,00000. Principal axes: T 2.0540, P1g1.0000, Azm10.50000, N 0.4470, P1g8.0000, Azm15.0000, P -2.5040, P1g2.0000, Azm20.0000, nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 20:10:51:48.5:0.5, 33:65S:0:06:178:3W:0.1, h10km, n88, 0:145/97, mb4.5/17, MS3.9/3, South of Kermadec Islands

Main table of station data for the middle column, including GLKZ Green Lake, RAO Raoul Island, PKGZ Pakihiroa, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like AFDM, NVAR Mina Array Bea, CMAR Chiang Mai Arr, etc.

ADC 20:10:52:20:1.5, 2:33:69S:177:20W, h0km, mb4.4/2, mbmp4.4/2, Error ellipse: s-maj=22.47km s-min=62.3km az=161.0, South of Kermadec Islands

ISC 20:10:54:18.7:1.2, 33:64S:178:28W, h0km, mb4.0/5, mbmp4.0/6, ML3.5/1, Error ellipse: s-maj=38.1km s-min=26.3km az=125.0

NEIC 20:10:54:20.0:2.0, 33:65S:0:06:178:1W:0.2, h10km, 2km, mb4.4/11, Error ellipse: s-maj=29.7km s-min=3.0km az=109.0

ISC 20:10:54:19.9:0.8, 33:65S:0:09:178:3W:0.2, h10km, n23, 0:059/24, mb4.2/11, South of Kermadec Islands

Code Station Name Az Az2 Phase ID Time Res ISC

Main table of station data for the right column, including RAO Raoul Island, MXZ Matakoaka Point, URZ Urewera, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Arta, Nydri-Lefkada, Tsoukalades, Lefkada island, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Columbus, Mina Array Sit, Tonopah, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SAO, ICU, MTPC, SUTB, TPO, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like IDC 20 11:25:08.2,0.33,27S;178.04W, h0km, mb4.0/3, etc.

NEIC 20 11:24:26.8,1.5,38.22N,0.02:117.77W,0.01, h5km, 1km, ML3.7/200, Mwr3.7/121, ML4.1/15(REN), Error ellipse: s-maj=2.9km s-min=2.3km az=194.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, KNRA Kununurra, FITZ Fitzroy Crossi, QSPA South Pole Qui.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like FWVZ Far West T-bar, MOVZ Moawhango, WNVZ Wahianoa, BFZ Birch Farm.

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

KOLA 20 11:29:43.0±0.4, 67.52N±0.03, 30.55E±0.07, h0km, M2.4(MOS). The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

IDC 20 11:29:44.7±1.8, 67.46N±29.34E, h0km, mbmp3.6/3, ML2.3/3, Error ellipse: s-maj=29.9km s-min=8.0km az=80.0

ISC 20 11:29:40.5±0.8, 67.50N±0.04, 30.35E±0.04, h0km, n11, ±120.16, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like APAO Apatity Array, APA Apatity, KVDA Kovda, LVZ Lovozero, VADSO Vadso, ARCES ARCES Array B.

IDC 20 11:39:29.3±0.8, 17.56S±168.00E, h0km, mb4.3/12, mbmp4.3/14, ML3.8/2, MS3.7/9, Error ellipse: s-maj=26.5km s-min=17.4km az=81.0

NOU 20 11:39:32.7, 17.93S±168.05E, h0km, MLV4.4/12, Vanuatu Islands

NEIC 20 11:39:35.0±1.3, 17.58S±0.07, 168.0E±0.1, h35km, 2km, mb4.7/23, Error ellipse: s-maj=21.9km s-min=11.1km az=93.0

ISC 20 11:39:33.0±0.5, 17.66S±168.03E±0.07, h27km, m69, ±122.64, mb4.7/24, MS3.6/7, 1D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SANVU Saraoutou, MARNC Mare, Loyalty, MARNC Mare, Loyalty, YATNC Mamie plateau.

IDC 20 11:41:19.2±7.3, 11.69S±166.89E, h151km, 65km, mb3.8/12, mbmp4.3/12, Error ellipse: s-maj=28.1km s-min=15.3km az=77.0

NEIC 20 11:41:28.6±0.3, 11.86S±0.07, 166.8E±0.2, h231km, 8km, mb4.4/18, Error ellipse: s-maj=27.1km s-min=7.2km az=75.0

ISC 20 11:41:26.9±0.6, 11.76S±166.8E±0.2, h220km, n81, ±1802/83, mb4.3/21, Santa Cruz Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SANVU Saraoutou, PATS Pohnppei, ARMA Armidale, ARMA Armidale, OUZ Omahuta.

IDC 20 11:29:48.7±1.9, 33.45S±178.10W, h0km, mb3.9/3, mbmp3.9/4, ML3.7/1, Error ellipse: s-maj=46.7km s-min=33.7km az=61.0

WEL 20 11:29:50.6±1.2, 34.5±27.1, 17W±3.1, h12km, M4.6/7, mb4.5/2, ML4.3/9, MLV4.3/6, Mw(m)B3.7/2, Error ellipse: s-maj=52.3km s-min=8.9km az=130.7, confirmed

ISC 20 11:29:50.2±1.5, 33.95S±177.7W±0.1, h10km, n17, ±165/29, mb3.9/3, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PKGZ Pakihiroa, PUZ Puketiti, HAZ Te Kaha, TWGZ Tauwhareparae, RWGZ Raukumara Rang, CNGZ Carnagh Statio, MWZ Matawai, RIGZ Rimuhau, URZ Urewera.

IDC 20 11:39:35.0±1.3, 17.58S±0.07, 168.0E±0.1, h35km, 2km, mb4.7/23, Error ellipse: s-maj=21.9km s-min=11.1km az=93.0

ISC 20 11:39:33.0±0.5, 17.66S±168.03E±0.07, h27km, m69, ±122.64, mb4.7/24, MS3.6/7, 1D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CTAO Charters Tower, CTAO Charters Tower, URZ Urewera, URZ Urewera, COEN Coen, RPZ Rata Peaks, INKA Innamika, STKA Stephens Creek.

IDC 20 11:41:19.2±7.3, 11.69S±166.89E, h151km, 65km, mb3.8/12, mbmp4.3/12, Error ellipse: s-maj=28.1km s-min=15.3km az=77.0

NEIC 20 11:41:28.6±0.3, 11.86S±0.07, 166.8E±0.2, h231km, 8km, mb4.4/18, Error ellipse: s-maj=27.1km s-min=7.2km az=75.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SANVU Saraoutou, PATS Pohnppei, ARMA Armidale, ARMA Armidale, OUZ Omahuta, MKAZ Moumakai, OMRZ Omahuta, URZ Urewera.

IDC 20 11:37:41.8±1.2, 33.32S±177.86W, h0km, mb4.1/3, mbmp4.1/5, ML4.6/2, Error ellipse: s-maj=34.8km s-min=28.2km az=91.0

WEL 20 11:37:46.1±0.7, 33.9±17.9W±2.0, h12km, M4.6/7, mb4.6/3, ML4.6/13, MLV4.7/7, Mw(m)B3.8/3, Error ellipse: s-maj=27.9km s-min=9.9km az=113.3, confirmed

NOU 20 11:38:19.0±3.5, 35.96S±178.86W, h116km, ML4.7/9, East of North Island, N.Z.

ISC 20 11:37:45.2±0.9, 33.20S±0.06, 178.7W±0.1, h10km, n39, ±176/55, mb4.1/3, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GLKZ Green Lake, RAO Raoul Island, MXZ Matakaoa Point, HAZ Te Kaha, TWGZ Tauwhareparae, MWZ Matawai, URZ Urewera, URZ Urewera, URZ Urewera, RAO Raoul Island, RAO Raoul Island, RAO Raoul Island.

IDC 20 11:39:35.0±1.3, 17.58S±0.07, 168.0E±0.1, h35km, 2km, mb4.7/23, Error ellipse: s-maj=21.9km s-min=11.1km az=93.0

ISC 20 11:39:33.0±0.5, 17.66S±168.03E±0.07, h27km, m69, ±122.64, mb4.7/24, MS3.6/7, 1D, Vanuatu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs, ASAR Alice Springs.

IDC 20 11:41:19.2±7.3, 11.69S±166.89E, h151km, 65km, mb3.8/12, mbmp4.3/12, Error ellipse: s-maj=28.1km s-min=15.3km az=77.0

NEIC 20 11:41:28.6±0.3, 11.86S±0.07, 166.8E±0.2, h231km, 8km, mb4.4/18, Error ellipse: s-maj=27.1km s-min=7.2km az=75.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KHZ Kahutara, LTZ Lake Taylor, LTZ Lake Taylor, LTZ Lake Taylor, LTZ Lake Taylor, LTZ Lake Taylor, LTZ Lake Taylor.

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Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Error, Distance Error, Azimuth Error, Distance Error. Includes stations like M11K Mekoryuk, SDPT Sand Point, DGZ Jazzator, etc.

2020 JUN

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Error, Distance Error, Azimuth Error, Distance Error. Includes stations like GCSA Galena City Sc, M19K Big River Lodg, C18K Utukok River, etc.

20d 11h

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Azimuth Error, Distance Error, Azimuth Error, Distance Error. Includes stations like D23K Nanushuk River, D23K Nanushuk River, EYAK Cordova Ski Ar, etc.

20d 12h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for MSVF Nonsavu, TIXI Tikisi, ESCD Sonseca Array, BMRD Maredous, MDT Midelt, URZ Urewera, DAVOX Davos/Dischmat, GERES GERES Array B, KLR Kuldur, RPZ Rata Peaks, KEST Kesra, HHC Hu-ho-hao-te, NJ2 Nanjing, WRA Warramunga Arr, ASAR Alice Springs, PZH Panzhihua, CMAR Chang Mai Arr.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for MAIO ISLAND IN, TORD Torodi Arr, HFS Hagfors, MKAR Makanchi Array, WRA Warramunga Arr, ASAR Alice Springs.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for SARAOUITOU, MARNIC Mare, KOUNC Koumang, DZM Mont Dzumac, OUENC Ouen Island, MSVF Nonsavu, CTA Charters Tower, STKA Stephens Creek, WRR Warramunga Arr, WBO Warramunga Arr, WRA Warramunga Arr, AS31 Alice Springs, ASAR Alice Springs, ASAR Alice Springs, KNRA Kununurra, FITZ Fitzroy Crossi, MBWA Marble Bar, NWAO Narrogin (SRO), VANDA Vanda, JUNU Nakatsue, GSPA South Pole Qui, QSPA South Pole Qui, ILAR Eielson Array.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for GLKZ Green Lake, PKGZ Pakhiroa, HAZ Te Kaha, PUK Puketiti, RUGZ Raukumara Rang, MWZ Matawai, URZ Urewera, RIGZ Rimuhau, SNGZ Shannon Statio, RTZ Ruatuhuna, MTHZ Maungataniwha.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for WEL 2012:18:56.3, 1.1, 33.5, 13.1, 17.9, 32.2, h12km, M3.9/3, mB4.6/1, ML4.1/8, MLV3.9/8, Mw(mB)3.8/1, Error ellipse: s-maj=45.6km s-min=4.9km az=111.8, confirmed, South of Kermadec Islands.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for WEL 2012:18:56.3, 1.1, 33.5, 13.1, 17.9, 32.2, h12km, M3.9/3, mB4.6/1, ML4.1/8, MLV3.9/8, Mw(mB)3.8/1, Error ellipse: s-maj=45.6km s-min=4.9km az=111.8, confirmed, South of Kermadec Islands.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for WEL 2012:18:56.3, 1.1, 33.5, 13.1, 17.9, 32.2, h12km, M3.9/3, mB4.6/1, ML4.1/8, MLV3.9/8, Mw(mB)3.8/1, Error ellipse: s-maj=45.6km s-min=4.9km az=111.8, confirmed, South of Kermadec Islands.

2020 JUN

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for WEL 2012:17:16.0, 1.4, 34.5, 38.1, 17.8, 5.0, h100km, M3.8/4, ML3.9/8, MLV3.8/4, Error ellipse: s-maj=81.7km s-min=11.3km az=126.9, confirmed, South of Kermadec Islands.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for WEL 2012:18:38.3, 1.6, 24.4, 24.9, 14.1, 0.7E, h208km, 1.4km, mb3.2/6, mbtp3.8/10, Error ellipse: s-maj=27.2km s-min=19.1km az=83.0.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for WEL 2012:18:42.3, 0.2, 25.1, 25.0, 14.1, 0.0E, h129km, MV4.5/19, IOTO ISLANDS REGION.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for WEL 2012:18:38.4, 1.1, 25.0, 25.0, 14.1, 0.0E, h129km, MV4.5/19, IOTO ISLANDS REGION.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for WEL 2012:17:57.5, 1.7, 17.4, 55.3, 167.7, 93E, h0km, mb4.0/4, mbtp3.7/3, ML3.4/1, MS3.5/5, Error ellipse: s-maj=38.9km s-min=34.1km az=132.0.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for WEL 2012:18:02.2, 1.7, 17.5, 54.5, 167.9, 92E, h0.03, h35km, 2km, mb4.5/10, Error ellipse: s-maj=11.1km s-min=5.4km az=165.0.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for WEL 2012:18:01.3, 1.0, 17.5, 57.5, 167.9, 92E, h27km, n25, s134/22, mb4.3/10, MS3.5/5, Vanuatu Islands.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for WEL 2012:18:01.3, 1.0, 17.5, 57.5, 167.9, 92E, h27km, n25, s134/22, mb4.3/10, MS3.5/5, Vanuatu Islands.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for GUMO Guam, DAV Davao City (W), H1S1 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, H1N2 WAKE ISLAND Hy, H1N3 WAKE ISLAND Hy, CTA Charters Tower, WRA Warramunga Arr, ASAR Alice Springs, CMAR Chang Mai Arr, SONM Songo Array, MKAR Makanchi Array, KURBB Kurchatov Arr, KDAK Kodiak Island, BVAR Borovoye Array, NVAR Mina Array Bea, PFO Pinyon Flats O, PDAR Pinedale Array.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for WEL 2012:18:01.3, 1.0, 17.5, 57.5, 167.9, 92E, h27km, n25, s134/22, mb4.3/10, MS3.5/5, Vanuatu Islands.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for WEL 2012:18:01.3, 1.0, 17.5, 57.5, 167.9, 92E, h27km, n25, s134/22, mb4.3/10, MS3.5/5, Vanuatu Islands.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for WEL 2012:18:01.3, 1.0, 17.5, 57.5, 167.9, 92E, h27km, n25, s134/22, mb4.3/10, MS3.5/5, Vanuatu Islands.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for WEL 2012:18:01.3, 1.0, 17.5, 57.5, 167.9, 92E, h27km, n25, s134/22, mb4.3/10, MS3.5/5, Vanuatu Islands.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for WEL 2012:18:01.3, 1.0, 17.5, 57.5, 167.9, 92E, h27km, n25, s134/22, mb4.3/10, MS3.5/5, Vanuatu Islands.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for WEL 2012:18:01.3, 1.0, 17.5, 57.5, 167.9, 92E, h27km, n25, s134/22, mb4.3/10, MS3.5/5, Vanuatu Islands.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes entries for WEL 2012:18:01.3, 1.0, 17.5, 57.5, 167.9, 92E, h27km, n25, s134/22, mb4.3/10, MS3.5/5, Vanuatu Islands.

Table with 4 columns: Call sign, Name, Frequency, and other details. Includes stations like CBCY, LCCY, MGTV.

Table for station group IDC 20 12:59:52.2, 3.33, 83S, 178.68W, h0km, mb3.7/2. Includes stations like URZ, ASAR, WRA, FINES.

Table for station group IDC 20 13:01:44.1, 3.5, 33, 63S, 178.25W, h0km, mb3.5/2. Includes stations like URZ, ASAR, WRA, FINES.

Table for station group IDC 20 13:10:44.8, 2.9, 33, 84S, 178.67W, h0km, mb3.7/2. Includes stations like URZ, ASAR, WRA, FINES.

Table for station group IDC 20 13:12:27.8, 3.2, 33, 85S, 178.78W, h0km, mb3.5/2. Includes stations like URZ, ASAR, WRA, FINES.

Table for station group IDC 20 13:25:00.8, 0.5, 18, 84S, 178.03W, h470km, 5km, mb4.2/18. Includes stations like URZ, ASAR, WRA, FINES.

Table for station group IDC 20 13:25:00.9, 0.4, 18, 89S, 0.06, 177.98W, 0.05, h474km, 4km, h476km. Includes stations like URZ, ASAR, WRA, FINES.

Table for station group IDC 20 13:25:00.1, 1.8, 18, 84S, 177.74W, h479km, mb5.1/61, Fiji Islands Region. Includes stations like URZ, ASAR, WRA, FINES.

Table for station group IDC 20 13:25:00.0, 1.8, 18, 84S, 177.74W, h479km, mb5.1/61, Fiji Islands Region. Includes stations like URZ, ASAR, WRA, FINES.

Table for station group IDC 20 13:25:00.0, 1.8, 18, 84S, 177.74W, h479km, mb5.1/61, Fiji Islands Region. Includes stations like PKGZ, RUGZ, PUK, etc.

Table for station group IDC 20 13:25:00.0, 1.8, 18, 84S, 177.74W, h479km, mb5.1/61, Fiji Islands Region. Includes stations like PKGZ, RUGZ, PUK, etc.

Table for station group IDC 20 13:25:00.0, 1.8, 18, 84S, 177.74W, h479km, mb5.1/61, Fiji Islands Region. Includes stations like PKGZ, RUGZ, PUK, etc.

Table for station group IDC 20 13:25:00.0, 1.8, 18, 84S, 177.74W, h479km, mb5.1/61, Fiji Islands Region. Includes stations like PKGZ, RUGZ, PUK, etc.

Table for station group IDC 20 13:25:00.0, 1.8, 18, 84S, 177.74W, h479km, mb5.1/61, Fiji Islands Region. Includes stations like PKGZ, RUGZ, PUK, etc.

Table for station group IDC 20 13:25:00.0, 1.8, 18, 84S, 177.74W, h479km, mb5.1/61, Fiji Islands Region. Includes stations like PKGZ, RUGZ, PUK, etc.

Table for station group IDC 20 13:25:00.0, 1.8, 18, 84S, 177.74W, h479km, mb5.1/61, Fiji Islands Region. Includes stations like PKGZ, RUGZ, PUK, etc.

Table for station group IDC 20 13:25:00.0, 1.8, 18, 84S, 177.74W, h479km, mb5.1/61, Fiji Islands Region. Includes stations like PKGZ, RUGZ, PUK, etc.

Table for station group IDC 20 13:25:00.0, 1.8, 18, 84S, 177.74W, h479km, mb5.1/61, Fiji Islands Region. Includes stations like MGBR, HHT, etc.

Table for station group IDC 20 13:25:00.0, 1.8, 18, 84S, 177.74W, h479km, mb5.1/61, Fiji Islands Region. Includes stations like MGBR, HHT, etc.

Table for station group IDC 20 13:25:00.0, 1.8, 18, 84S, 177.74W, h479km, mb5.1/61, Fiji Islands Region. Includes stations like MGBR, HHT, etc.

Table for station group IDC 20 13:25:00.0, 1.8, 18, 84S, 177.74W, h479km, mb5.1/61, Fiji Islands Region. Includes stations like MGBR, HHT, etc.

Table for station group IDC 20 13:25:00.0, 1.8, 18, 84S, 177.74W, h479km, mb5.1/61, Fiji Islands Region. Includes stations like MGBR, HHT, etc.

Table for station group IDC 20 13:25:00.0, 1.8, 18, 84S, 177.74W, h479km, mb5.1/61, Fiji Islands Region. Includes stations like MGBR, HHT, etc.

Table for station group IDC 20 13:25:00.0, 1.8, 18, 84S, 177.74W, h479km, mb5.1/61, Fiji Islands Region. Includes stations like MGBR, HHT, etc.

Table for station group IDC 20 13:25:00.0, 1.8, 18, 84S, 177.74W, h479km, mb5.1/61, Fiji Islands Region. Includes stations like MGBR, HHT, etc.

20d 13h

KDAD	Kodiak Island comp=Z,9.0nm,0.8s baz=Z,4.9nm,0.7s,baz=232,slow=4.5,SNR=9.8	79.26	14	P	P	13 36 15.6	+0.1
KDAD	Kodiak Island comp=Z,4.9nm,0.7s	79.26	14	I	Amb	13 36 15.0	-0.8
KDAD	Kodiak Island comp=Z,15nm,1.2s	79.26	14	P	P	13 36 15.9	+0.2
Q16K	King Salmon baz=200	79.26	11	P	P	13 36 15.9	+0.2
BEKR	Beckworth baz=199	79.35	41	P	P	13 36 17.6	+0.7
P16K	Nushagak River baz=199	79.36	10	P	P	13 36 16.1	-0.1
PNTR	Pine Nut comp=Z,7.1nm,0.7s	79.39	42	I	Amb	13 36 20.3	
Q18K	Katmai Hardscr baz=202,SNR=8.1	79.55	12	P	P	13 36 17.0	-0.4
M11K	Mekoryuk baz=191	79.57	6	P	P	13 36 17.2	-0.2
N14K	Kuskokwak Cree baz=196	79.65	8	P	P	13 36 17.6	-0.2
P17K	Kvichak River baz=201,SNR=7.4	79.79	11	P	P	13 36 18.2	-0.3
NVAR	Mina Array Bea comp=Z,2.7nm,0.6s,baz=224,slow=8.7,SNR=23	79.85	44	P	P	13 36 20.3	+0.6
Q16K	Kokwok River B baz=199	79.88	10	P	P	13 36 18.5	-0.5
M13K	Dall Lake baz=193	79.91	7	P	P	13 36 19.0	-0.1
Q19K	Cape Douglas, baz=203	80.08	13	P	P	13 36 19.9	-0.3
N15K	Kwethluk River baz=197	80.11	9	P	P	13 36 19.8	-0.5
P18K	Big Mountain, baz=202,SNR=6.6	80.20	12	P	P	13 36 20.0	-0.7
O17K	Koliganek Bris baz=200,SNR=5.2	80.22	11	P	P	13 36 20.4	-0.4
J04A	Umpqua Nationa comp=Z,3.8nm,0.5s	80.30	38	I	Amb	13 36 24.4	
M14K	Bethel baz=195	80.41	8	P	P	13 36 22.0	+0.2
M15K	Kasigluk River baz=197	80.53	9	P	P	13 36 22.6	+0.2
N16K	Nishiik Lake baz=198	80.60	10	P	P	13 36 23.0	+0.2
O18K	Koktuh Hills baz=202,SNR=9.4	80.63	11	P	P	13 36 23.0	0.0
P19K	Oil Pt baz=204	80.83	12	P	P	13 36 24.2	+0.2
L14K	Kuka Creek baz=195	80.89	7	P	P	13 36 24.7	+0.5
N17K	Nushagak Hills baz=200	80.91	10	P	P	13 36 25.0	+0.6
M16K	Timber Creek comp=Z,1.7nm,0.8s	81.10	9	I	Amb	13 36 27.4	
M16K	Timber Creek baz=198,SNR=5.0	81.10	9	P	P	13 36 26.0	+0.7
O19K	Port Alsworth baz=203	81.12	12	P	P	13 36 25.6	+0.2
BNX	BinXian comp=Z,7.0nm,0.8s	81.13	325	I	Pmax	13 36 26.3	+0.4
BELA	Belgrano Z comp=Z,2.1nm,1.0s	81.14	173	I	Amb	13 36 25.5	0.0
ILSW	Iliamna Southw comp=Z,1.4nm,0.8s	81.15	12	P	P	13 36 25.9	+0.1
ILSW	Iliamna Southw baz=219	81.15	12	I	Amb	13 36 26.4	
K13K	Kusilvak Mount baz=193	81.25	6	P	P	13 36 26.5	+0.4
N18K	Klape Creek baz=201	81.28	11	P	P	13 36 26.6	+0.3
O20K	Slope Mountain baz=204	81.35	13	P	P	13 36 27.2	+0.5
BRSE	Bradley Lake S baz=201	81.44	14	P	P	13 36 27.7	+0.5
RED	Redoubt Volcan baz=201	81.63	12	P	P	13 36 27.6	-0.7
RED	Redoubt Volcan baz=201	81.63	12	I	Amb	13 36 29.0	
N19K	Donnan Cree baz=202	81.66	11	P	P	13 36 28.8	+0.4
L16K	Owhat River comp=Z,9.5nm,0.9s	81.68	9	I	Amb	13 36 30.4	
M17K	Owhat River baz=198,SNR=7.0	81.68	9	P	P	13 36 29.0	+0.7
L16K	Holitna River comp=Z,1.7nm,0.8s	81.69	10	I	Amb	13 36 31.0	
M17K	Holitna River baz=200,SNR=5.5	81.69	10	P	P	13 36 29.4	+1.0
K15K	Wolf Creek Mou baz=196	81.96	8	P	P	13 36 30.2	+0.5
M18K	Stony River baz=201	82.05	11	P	P	13 36 30.6	+0.4
SEW	Seward baz=207	82.06	14	P	P	13 36 30.6	+0.3
Q23K	Middleton Isla baz=210	82.22	16	P	P	13 36 31.8	+0.7
SLKM	Skilak Lake comp=Z,1.1nm,0.7s	82.25	13	P	P	13 36 31.4	+0.1
SLKM	Skilak Lake baz=201	82.25	13	I	Amb	13 36 32.3	
L17K	Donlin baz=199,SNR=6.0	82.25	9	P	P	13 36 32.0	+0.7
I07A	Montague Islan baz=209	82.32	38	P	P	13 36 33.2	+1.0
P23K	Montague Islan baz=209	82.45	15	P	P	13 36 32.4	+0.1
X16A	Lo Mia Camp, P comp=Z,2.2nm,1.1s	82.50	50	I	Amb	13 36 37.1	
L18K	Granite Mounta baz=200,SNR=6.8	82.59	10	P	P	13 36 33.4	+0.4
M19K	Big River Lodg baz=202	82.69	11	P	P	13 36 34.0	+0.5
KNB	Kanab comp=Z,5.1nm,0.7s	82.79	47	I	Amb	13 36 35.8	+0.9
KNB	Kanab baz=202	82.79	47	P	P	13 36 37.7	
K17K	Iditarod baz=199	82.81	9	P	P	13 36 34.5	+0.4
PSUT	Pine Spring comp=Z,3.8nm,0.6s	82.86	45	I	Amb	13 36 37.5	
L19K	White Mountain baz=202	82.86	11	P	P	13 36 34.9	+0.5
U15A	North Rim comp=Z,1.2nm,0.8s	82.87	48	I	Amb	13 36 38.9	
M20K	Styx River baz=204	82.90	12	P	P	13 36 35.3	+0.6
J16K	Anvik River baz=197	83.03	8	P	P	13 36 35.6	+0.4
MAW	Mawson comp=Z,4.8nm,0.5s,baz=138,slow=5.7,SNR=8.9	83.08	200	P	P	13 36 36.0	+0.6
MAW	Mawson baz=200	83.08	200	P	P	13 36 35.8	+0.3
WUAZ	Wupatki comp=Z,6.5nm,1.1s	83.08	49	I	Amb	13 36 39.8	
KRAM	Kayak Island baz=212	83.15	16	P	P	13 36 36.2	+0.4
CAJG	Craig baz=222	83.25	24	P	P	13 36 36.8	+0.4
GLI	Glacier Island baz=209	83.30	15	P	P	13 36 36.6	+0.1
EYAK	Cordova Ski Ar baz=211	83.34	15	P	P	13 36 37.0	+0.2
J17K	VABM Dome baz=198	83.34	8	P	P	13 36 36.8	+0.1
PKCU	Pink Cliffs comp=Z,1.1nm,0.9s	83.36	47	I	Amb	13 36 41.4	
M22K	Willow baz=206	83.39	13	P	P	13 36 37.2	+0.3
PMR	Palmer baz=207	83.46	13	P	P	13 36 37.6	+0.3
PMR	Palmer comp=Z,5.1nm,0.8s	83.46	13	I	Amb	13 36 37.8	
PMR	Palmer baz=207	83.46	13	P	P	13 36 37.9	+0.6
I17K	Unalakleet baz=196	83.60	8	P	P	13 36 38.6	+0.7
SIT	Sitka baz=220	83.63	22	P	P	13 36 38.4	+0.1
X18A	Snowflake comp=Z,4.7nm,0.8s	83.64	50	I	Amb	13 36 42.0	
GHO	Glow Hole Cre comp=Z,1.3nm,0.8s	83.66	13	I	Amb	13 36 39.5	
U33K	Whale Pass baz=222	83.72	23	P	P	13 36 38.9	+0.2
MTPU	Mount Pierson comp=Z,6.3nm,0.9s	83.74	46	I	Amb	13 36 43.2	
ANM	Nome baz=192	83.76	5	P	P	13 36 39.3	+0.5
L22K	Petersville baz=200	83.95	12	P	P	13 36 40.2	+0.3

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M23K	Glacier View baz=209	83.95	14	P	P	13 36 40.0	+0.2
BMRM	Bremyer River baz=211	83.99	16	P	P	13 36 40.3	+0.2
PPLA	Purkayeville baz=204	84.01	12	P	P	13 36 40.0	-0.3
S31K	Pelican baz=219	84.02	21	P	P	13 36 40.4	+0.2
SCM	Sheep Creek Mo comp=Z,1.2nm,0.7s	84.08	14	I	Amb	13 36 41.7	
SCM	Sheep Creek Mo baz=209,SNR=7.1	84.08	14	P	P	13 36 40.7	+0.2
KLU	Klutina baz=210	84.11	15	P	P	13 36 40.7	0.0
H16K	Elim baz=195	84.14	7	P	P	13 36 41.0	+0.3
CRQE	Cirque baz=213	84.20	16	P	P	13 36 41.3	+0.1
S32K	Killisnoo baz=221	84.21	22	P	P	13 36 41.1	0.0
WRAK	Wrangell Islan baz=225	84.24	24	P	P	13 36 41.4	+0.1
G15K	Niuluku baz=193	84.30	6	P	P	13 36 41.4	0.0
PSI	Prapat baz=211	84.37	275	P	P	13 36 42.9	-0.3
PSI	Prapat comp=Z,1.2nm,1.0s	84.37	275	P	P	13 36 42.9	-0.3
J19K	Poorman baz=201	84.43	10	P	P	13 36 42.6	+0.5
PINM	Pinnacle baz=216	84.45	18	P	P	13 36 42.3	-0.2
N25K	Chitina, Valde baz=212,SNR=7.3	84.54	15	P	P	13 36 42.6	-0.2
F14K	Arctic Creek baz=191	84.57	5	P	P	13 36 43.2	+0.4
M24K	Tolsona, Glenn baz=210	84.58	14	P	P	13 36 42.8	-0.2
GLB	Gilahina Butte comp=Z,5.8nm,0.6s	84.60	16	I	Amb	13 36 44.3	
WAT6	Susitna Watana baz=209,SNR=7.6	84.64	14	P	P	13 36 42.8	-0.6
WAT1	Susitna Watana baz=208	84.69	13	P	P	13 36 43.5	+0.1
H17K	Granite Mounta baz=197	84.71	8	P	P	13 36 43.3	-0.1
P29M	Windy Craggy baz=218	84.84	19	P	P	13 36 44.3	+0.1
J20K	Nowinta River baz=203,SNR=6.7	84.84	10	P	P	13 36 44.6	+0.5
R32K	Eaglecrest baz=221	84.84	21	P	P	13 36 44.5	+0.2
KTH	Kantishna Hill comp=Z,6.7nm,0.8s	84.85	12	I	Amb	13 36 44.8	
G16K	Koyuk River baz=195	84.86	7	P	P	13 36 45.1	+0.9
F15K	North Star Dit baz=193	84.94	5	P	P	13 36 45.2	+0.6
O28M	Mount Upton baz=216	85.02	18	P	P	13 36 45.6	+0.1
HARP	HAARP baz=211	85.08	15	P	P	13 36 46.0	+0.6
O29M	Mount Kennedy baz=217	85.11	18	P	P	13 36 46.2	+0.4
H18K	Honhosa River baz=199	85.12	8	P	P	13 36 46.3	+0.8
RND	Reindeer comp=Z,4nm,0.8s	85.13	13	I	Amb	13 36 46.8	
PLBC	Pleasant Camp baz=219	85.14	20	P	P	13 36 46.3	+0.6
G17K	Kiwalik Mounta baz=197	85.16	7	P	P	13 36 46.4	+0.7
I20K	Naaghedneel baz=202	85.36	10	P	P	13 36 47.5	+0.9
T35M	Bob Quinn baz=225	85.45	24	P	P	13 36 47.9	+0.6
USHA	Ushuaia comp=Z,10.0nm,0.8s,baz=255,slow=6.7,SNR=5.3	85.45	147	P	P	13 36 48.2	+0.7
P30M	Million Dollar baz=219	85.47	19	P	P	13 36 47.8	+0.4
M26K	Nabesna, AK baz=213	85.61	16	P	P	13 36 48.3	+0.3
YUK6	Outpost Mounta baz=211	85.69	18	P	P	13 36 48.4	-0.2
VHRN	Van Horn comp=Z,9.8nm,0.8s	85.73	56	I	Amb	13 36 52.7	
YUK3	Moose Cree baz=215	85.77	17	P	P	13 36 49.1	+0.2
G18K	Tagagawik baz=208	85.79	8	P	P	13 36 49.3	+0.6
S34M	Telegraph Cree baz=224	85.79	23	P	P	13 36 49.3	+0.5
MNTX	Cornudas Mount comp=Z,7.0nm,1.1s	85.81	55	I	Amb	13 36 52.6	
BRWY	Burwash Landin baz=217	85.84	18	P	P	13 36 49.5	+0.4
HYT	Haines Junctio baz=218	85.85	19	P	P	13 36 49.4	+0.1
M27K	Edge Creek, AK baz=214	85.87	16	P	P	13 36 49.4	+0.1
YUK4	Talbot Arr baz=213						

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like H29M, H29N, E25K, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like B10A, SESA, RDO, LESA, etc.

WEL 20 13:37:04.5-0.7, 34'S-5°17'58"W, h12km, M4.3/5, mB4.7/1, ML4.2/7, MLV4.5/5, Mw(mB)4.0/1, Error ellipse: s-maj=10.6km s-min=4.8km az=113.2, confirmed, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like GLKZ, MXZ, WMGZ, etc.

NEIC 20 13:39:06.9-0.7, 3°39'S-129°46'E-0.0, h92km, 10km, mb4.5/15, Error ellipse: s-maj=14.3km s-min=12.7km az=223.0

DJA 20 13:39:07.0-0.2, 4°S-13°0'E, h12km, 4km, M4.5/26, mb4.9/5, mb4.6/12, MLV4.7/26, Mw(mB)4.2/5, ISC 20 13:39:06.2-0.5, 3°35'S-129°55'E-0.05, h100km, n49, s-119°55, mb4.2/13, Seram

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like BNDI, NLAJ, FAKI, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Direction, Azimuth, Elevation, and other parameters. Includes stations like KKM, AS31, ASAR, etc.

WEL 20 13:40:09.0-0.8, 34'S-7°17'8"W-1°13', h12km, M4.5/6, mB4.5/1, ML4.2/7, MLV4.5/5, Mw(mB)3.6/1, Error ellipse: s-maj=18.4km s-min=4.9km az=113.1, confirmed, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like GLKZ, MXZ, WMGZ, etc.

IDC 20 13:42:36.3-2.2, 6°28'S-107°36'E, h297km, 28km, mb3.1/4, mbmtb3.8/4, Error ellipse: s-maj=57.5km az=32.0, Jawa

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like LEM, CMAR, SONM, etc.

SJA 20 13:47:18.0-4.7, 32°65'S-70°83'W, h92km, 2km, ML3.4, MW3.5

GUC 20 13:47:19.8-0.7, 32°65'S-70°74'W, h92km, 2km, ML3.6

ISC 20 13:47:19.8-1.2, 32°65'S-02°79'W-0.04, h89km, 6km, n46, 0°57/89, 9C-6D, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res, ISC, h, m, s, ISC. Lists stations like VA03, VA06, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MCRA Macar, Loja; CHMA Chilma; PPLP Puerto Lpez; etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KSP Ksiaz; KSP KSP; KVC Chvalec; etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like COEG Centro de Oper; COEG Centro de Oper; etc.

BUJ 20 15:05:05.9,66°24'N,19°03'W,h2km,mB5.3/43,mb4.9/68, Ms5.6/67,Ms7.5/63
BGS 20 15:05:07.0,1.4,66°68'N:18°65'W,h10km,ML5.5, MW5.4(NEIC)
REY 20 15:05:08.9,66°28'N:18°54'W,h9km
BER 20 15:05:09.7,4.7,66°36'N:18°40'W,h9km,Mw5.0, ML5.2(REY)
IDC 20 15:05:09.4,0.4,66°24'N:18°56'W,h0km,mb4.7/32, mbmp4.7/39,ML3.9,7,MSS.0/82,Error ellipse: s-maj=1.4km s-min=0.6km az=3.0
MOS 20 15:05:10.9,0.6,63°30'N:18°45'W,h17km,mb5.5/75, MS5.0/40,Error ellipse: s-maj=7.9km s-min=5.3km az=95.4
NEIC 20 15:05:11.6,66°28'N:18°62'W,h10km,Moment Tensor Solution. Moment tensor: Scale 1017Nm; Mrr-0.20; Mth-0.19; Mtt-0.39; Mtr-0.56; Mtr-0.57; Mtr-0.11; Fault plane solution: M1:2.4000x1017 NP1:100.430000°, 879.450000°, -152.760000°. NP2:105.500000°, 863.260000°, -11.830000°. Principal axes: T 1.2331, P1g11.20000°, Azm230.00000°, N 0.0094, P1g61.00000°, Azm120.00000°; P -1.2424, P1g27.00000°, Azm326.00000°; N -0.0279, P1g64.00000°, Azm68.00000°; P -1.3998, P1g3.00000°, Azm331.00000°
GCMT 20 15:05:12.4,0.1,66°29'N,01°18'52'W,0.01,h12km, MW5.4/161,Moment Tensor Solution. s109.c181; s161.c338; Duration: 1s3 Moment tensor: Scale 1017 Nm; Mrr-0.18; Mtr-0.52; Mtr-0.52; Mtr-0.77; 0.1; Mtr-0.46; 0.4; Mtr-1.56; 0.1; Mtr-0.27; 0.4; Best double couple: M1:7.7800x1017 NP1:102.000000°, 874.000000°, 72.000000°. NP2:102.000000°, 888.000000°, 164.000000°. Principal axes: T 1.9020, P1g13.00000°, Azm56.00000°; N -0.2480, P1g74.00000°, Azm274.00000°; P -1.6550, P1g10.00000°, Azm148.00000°; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
GFZ 20 15:05:12.3,66°33'N,18°38'W,h2km,MW5.4,Moment Tensor Solution. s120 Moment tensor: Mrr-0.41; Mtr-0.28; Mtr-0.69; Mtr-1.0; Mtr-1.21; Mtr-0.15; Fault plane solution: NP1:102.000000°, 877.000000°, -168.000000°. NP2:109.000000°, 878.000000°, -12.000000°
INMG 20 15:05:13.0,1.4,66°08'N:18°68'W,h10km,mb5.1,M4s.9, MW5.1,#DIST,RANGE: DISTANT
NAO 20 15:05:13.9,3.3,66°42'N:18°59'W,h10km,ML5.5
ICR 20 15:05:15.2,9.9,65°32'N:18°25'W,h33km,mb5.5,M4s.9
ISC 20 15:05:10.0,0.5,66°30'N:18°48'W,0.02,h4km,2km, m1663,-195/1299,mb5.5/547,MS5.1/421,57C-16D, Iceland region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ISIG Siglufjorour; ISIG Siglufjorour; IBRE Brettingsstaoi; etc.

IPCC 20 14:52:00.0,2.0,51°59'N:16°13'E,h1km,ML2.4/8,Error ellipse: s-maj=1.2km s-min=1.0km az=29.0
DNK 20 14:52:01.3,2.4,51°76'N:16°07'E,h0km,77km,ML2.3, Presumed earthquake
VIE 20 14:52:02.4,0.9,51°43'N:15°39'E,h0km,mb2.4/4,m2.8/4, Error ellipse: s-maj=10.2km s-min=4.9km az=59.0 15 km
UWU of Lubin Su impacted Mining induced
UPP 20 14:52:04.8,3.1,51°91'N:15°46'E,h0km,ML2.0,Presumed earthquake
ISC 20 14:51:58.9,0.8,51°67'N:0°22'W,16.08E:0.03,h0km,n40, 152677,Poland

CATAC 20 14:55:08.4,0.8,13°14'N,4°9'W,1.8hkm,4km,M3.4/0, ML3.4/10,Error ellipse: s-maj=10.3km s-min=7.7km az=94.6,confirmed
SNET 20 14:55:12.0,0.9,13°16'N:90°16'W,h32km,3km,ML3.2, Presumed earthquake
GCG 20 14:55:12.0,1.2,13°36'N:90°27'W,h6km,32km,MD3.9, Presumed earthquake
ISC 20 14:55:09.9,2.7,13°07'N:0°09'W,20W:0.07,h8km,11km, n34,-0/95/46,Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like FAME Alcadia de Sa; NUBE Las Nubes; JAYA Jayaque - firc; etc.

20d 15h

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like IFED Fedgar, IKAL Kalfafell, IHEI Heioarbar, etc.

2020 JUN

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like ODD1 Odda, STEI Steigen, SKAR Skarstia, etc.

1234

Table with columns for station code, name, frequency, power, and other technical details. Includes stations like KEF Keuruu, BLEU Blekinge, JSA Saint Aubin, etc.

1235

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like BFO Black Forest, KRCU Moravsky, and many others.

2020 JUN

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like KRUC Moravsky, FUORN Olenpass-Fuom, and many others.

20d 15h

Table with columns for call sign, name, frequency, power, and other technical details. Includes stations like RNPP9 Sopachiv, SRO Sobarova, and many others.

20d 15h

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like MARR Marisel-CIuj, BURAR Bucovina Array, FRGS Fruska Gora, etc.

2020 JUN

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like SIM Simferopol', C36M Paulutuk, H62A Milan, etc.

1236

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like BR105 Keskin Array S, BR131 Keskin Array S, BR131 Keskin 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 H29M Whitestone, TOLK Toolik Lake Re, G27K Doyon, 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 DAWY Dawson, PRP Porcupine Dome, PRP Porcupine Dome, 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 HDA Harding Lake, E17K Hotham Inlet, O49A Covington, etc.

20d 15h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like HARP HAARP, GCSA Galena City Sc, CHUM Lake Michumin, etc.

2020 JUN

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like CUT Chulitna, CUT Chulitna, CROQM Cirque, etc.

1238

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like WRAK Wrangell Islan, STLK Strandline Lak, K17K Iditarod, etc.

20d 15h

Table with columns: IOD3, Location, Elevation, Iamb, Iamb, 15 14 56.3, etc. Includes entries like Drain, OR, Summer Lake, MANEM, KSH2, KSH2, FW13, etc.

2020 JUN

Table with columns: BIM, Location, Elevation, IAMS_20, IAMS_20, 15 35 30.7, etc. Includes entries like Bigot, KHHM, KHHM, KHHM, etc.

1240

Table with columns: TXAR, Location, Elevation, P, P, 15 15 28.2, etc. Includes entries like Lajitas Array, Gornyy, Blythe, etc.

1241

Table with columns: MDJ, Station Name, Time, Az, El, P, S, Max, etc. Includes stations like Mudanjiang, Changchun, Lanzhou, etc.

2020 JUN

Table with columns: ORTC, Station Name, Time, Az, El, P, S, Max, etc. Includes stations like Ortega, Chengdu, Garzon, etc.

20d 15h

Table with columns: LPAZ, Station Name, Time, Az, El, LR, etc. Includes stations like La Paz, IROC Station, etc.

IDC 20 15:06:17.6z, 2.5, 6.33S, 156.93E, h0km, mb4.0, m, mbtm4.0/5, MS2.7/3, Error ellipse: s-maj=69.4km s-min=45.9km az=115.0, Bougainville-Solomon Islands region

NOU 20 15:15:14.2, 10.95S, 164.60E, h0km, MLV.7/11, Santa Cruz Islands Region

IDC 20 15:15:16.1, 1.4, 10.9S, 02z-164.7E, 0.1, h2km, n26, r150/18, mb3.8/5, Santa Cruz Islands region

REG 20 15:22:54.2, 66.224N, 18.525W, h6km, Iceland region

Table with columns: REY, Station Name, Time, Az, El, P, S, Max, etc. Includes stations like Siglufjorur, Breittingsstaoti, etc.

20d 15h

mbtmp3.7/15,ML3.1/3, Error ellipse: s-maj=19.2km s-min=13.9km az=158.0 REY 20 15:22:57.0, 66.26N, 18.53W, h10km DNK 20 15:22:58.2, 60.3, 66.50N, 17.88W, h0km, ML2.9, Presumed earthquake ISC 20 15:22:57.8, 0.5, 66.22N, 0.0, 33.18E, h10km, n41, z=14.0, mb3.7/10, Iceland region

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

WEL 20 15:26:00.8, 1.1, 34.5, 17.7, h12km, M4.7/6, mb4.8/4, ML4.5/13, MLV4.9/6, Mw(mb)4.1/4, Error ellipse: s-maj=10.4km s-min=8.2km az=133.5, confirmed NOU 20 15:26:28.5, 35.77S, 178.49W, h12km, MLV4.7/10, East of North Island, N.Z.

ISC 20 15:25:53.8, 1.2, 33.41S, 0.0, 187.76W, 0.1, h10km, n32, z=1568/41, South of Kermadec Islands

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

2020 JUN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Lists seismic stations for the 2020 JUN period.

IDC 20 15:31:05.7, 0.6, 3.95N, 32.57W, h0km, mb4.2/18, mbtmp4.2/18, MS3.9/7, Error ellipse: s-maj=18.8km s-min=15.1km az=148.0 NEIC 20 15:31:08.0, 2.3, 3.8N, 0.1, 32.56W, 0.0, h10km, 1km, mb4.9/141, Error ellipse: s-maj=19.3km s-min=11.0km az=146.0

ISC 20 15:31:07.9, 0.4, 3.83N, 0.0, 32.50W, 0.0, h19km, n134, z=116/81, mb4.8/77, MS3.9/7, 2C, Central Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Lists seismic stations for the 2020 JUN period.

1242

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Lists seismic stations for the 1242 period.

IDC 20 15:32:51.8, 0.9, 34.74N, 73.15E, h0km, mb4.0/10, mbtmp3.9/15, ML3.2/5, MS4.6/1, Error ellipse: s-maj=23.2km s-min=16.4km az=55.0 ISC 20 15:32:56.0, 0.8, 34.77N, 0.0, 73.0E, 0.1, h24km, n22, z=1568/28, mb3.9/8, 3C-1D, Pakistan

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, Res ISC. Lists seismic stations for the 1242 period.

20d 15h

2020 JUN

1244

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like EYAK Cordova Ski Ar, KAIM Kayak Island, I20K Naaghedeneel, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like E23K Chandalar, E23K Chandalar, M29M Sontre Creek, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like G30M Atoh Zraii Nj, G30M Atoh Zraii Nj, H31M Peel River, etc.

Technical notes and data for station G30M, including coordinates, SNR, and other parameters. Includes text like 'IDC 20 15:45:08.20, 9.50S; 156.01E, h0km, mb4.8/25, mbmp4.8/29, ML3.5/3, MS4.5/35, Error ellipse: s-maj=14.6km s-min=12.4km az=84.0'.

2425

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like HNR Honiara, TATA Tatamba Isabel, and many others.

2020 JUN

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like WRKA Warakurna, FITZ Fitzroy Crossi, and many others.

20d 15h

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like TBI comp=Z,2um,29.2s, INCN Incheon, and many others.

20d 15h

Table with columns for station name, coordinates, and various data points. Includes stations like CMAR, CHTO, TAOE, PZH, SHEM, CD2, CD2, CD2, CD2, XLT, XLT, XLT, XLT, HEH, HEH, CASY, CASY, HHC, HHC, HHC, HHC, HHC, BT02, BT02, BT02, BT02, TNCH, TNCH, TNCH, TNCH, TNCH, TNCH, HIA, HIA, LZH, LZH, LZH, HILR, HILR, LZDM, ZEA, ZEA, Vnda, Vnda, Vnda, Vnda, MORE, MA2, MA2, MA2, MA2, IMP, MOKO, MOKO, KOHI, KOHI, ZIRO, ZIRO, BRDH, TEZP, TEZP, CIT, CIT, CIT, GA2A, GA2A, SHL, SHL, ULN, ULN, ULN, ULN, SONM, SONM, SONM, SONM, TAWA, TAWA.

2020 JUN

Table with columns for station name, coordinates, and various data points. Includes stations like SEY, Seymchan, GOMU, GeErMu, GOMU, GOMU, GOMU, GOMU, CHNA, Chernabura Isl, SDPT, Sand Point, YAK, Yakutsk, YAK, Yakutsk, YAK, Yakutsk, YAK, Yakutsk, YAK, Yakutsk, YAK, Yakutsk, YAK, Yakutsk, S14K, Fog Glacier, ZAK, Zakamensk, ZAK, BOD, Bodaibo, CHGN, Chignik, CHGN, Chignik, TLY, Talaya, TLY, Talaya, IRK, Irkutsk, M11K, Mekoryuk, JMUI, Jamui, CHIR, Chirikof Islan, EVN, Everest, O14K, Tigykauivert M, M13K, Dall Lake, PALK, Pallelake, GAYA, Gaya, N14K, Niyakh, O15K, Ungalithiuk R, MOY, Mondy, R17L, Mt. Peulik Vol, M14K, Bethel, M14K, Bethel, K13K, Kusilvak Mount, SII, Sitkinak Islan, P16K, Nushagak River, L14K, Kuka Creek, N15K, Kwethluk River, BILL, Bilibino, BILL, Bilibino, M15K, Kasuluk River, Q16K, King Salmon, O17K, Contact Creek, O16K, Kokwok River B, ACHA, Angle Creek He, L15K, Ungalak Mounta, OHAK, Old Harbor, P17K, Kvichag River, N16K, Nishlik Lake, KNGR, Kungurtug, Tuv, O17K, Koliganek Riv, Q18K, Katmai Hardscr, M16K, Timber Creek, M16K, Timber Creek, K15K, Wolf Creek Mou, K15K, Wolf Creek Mou, BLSF, Bilaspur, BLSF, Bilaspur, P18K, Big Mountain, N17K, Nushagak Hills, KDAK, Kodiak Island, KDAK, Kodiak Island, KDAK, Kodiak Island, L16K, Owhat River, O18K, Kolutuh Hills, Q19K, Cape Douglas, ANM, Nome, M17K, Holitna River, N18K, Kilae Creek.

1246

Table with columns for station name, coordinates, and various data points. Includes stations like L17K, Donlin, J16K, Anvik River, J16K, Anvik River, F14K, Arctic Creek, O19K, Port Alsworth, P19K, Oil Pt, G15K, Niukuk, K17K, Iditarod, M18K, Stony River, ILSW, Iliamna Southw, N19K, Bonanza Creek, I17K, Unalakleet, H16K, Elim, L18K, Granite Mounta, J17K, VABM Dome, O20K, Slope Mountain, F15K, North Star Dit, F15K, North Star Dit, QSPA, South Pole Qui, QSPA, South Pole Qui, QSPA, South Pole Qui, QSPA, China Poot, KOD, Kodaike, G16K, Koyuk River, G16K, Koyuk River, BRLK, Bradley Lake, L19K, White Mountain, BRSE, Bradley Lake S, HYB, Hyderabad, HYB, Hyderabad, H17K, Granite Mounta, SPCR, Spurr Chakacha, M20K, Styx River, WMQ, Urumqi, WMQ, Urumqi, WMQ, Urumqi, G17K, Kiwalik Mounta, SLKM, Skilak Lake, SEW, Seward, SEW, Seward, H18K, Honhosa River, O22K, Cooper Landing, J19K, Poorman, F17K, Baldwin Pennin, F17K, Baldwin Pennin, E17K, Hotham Inlet, G18K, Tagagawik, G18K, Tagagawik, C16K, Lisburne Hills, PPLA, Purkeyville, PPLA, Purkeyville, D17K, Noatak River, M22K, Willow, F18K, Selawik, J20K, Nowinta River, MAW, Mawson, MAW, Mawson, PTH, Pithoragar, Q23K, Middleton Isla, L22K, Petersville, LGTI, Lohaghat, H19K, Roundabout Mou, PMR, Palmer, PMR, Palmer, RDOG, Red Dog Mine, I20K, Naagheedeneel, E18K, Tukpahleark C, E18K, Tukpahleark C, GHO, Glory Hole Cre, G19K, Purcell Mounta, JHNI, Jhansi, JHNI, Jhansi, C17K, DeLong Mountain, TIXI, Tiksi, TIXI, Tiksi, TIXI, Tiksi, TIXI, Tiksi, HIN, Hinchinbrook I, GLI, Glacier Island, H20K, Anotleneega Mo.

F19K	Shalercuk Mo baz=226,SNR=16	83.12	17	P	P	15 57 36.1 +0.3
AKL AKL	Akola comp=2.62nm,1.3s	83.20	292	eP	IAMB	15 57 36.6 -0.7 15 57 42.4
FID	Port Fidalgo comp=2.41nm,1.2s	83.23	25	IAMB	IAMB	15 57 38.9
M23K	Glacier View baz=236	83.31	23	P	P	15 57 37.0 0.0
BHPL	Bhopal baz=236	83.40	295	eP	P	15 57 38.9 +0.6
EYAK	Cordova Ski Ar baz=236	83.42	25	P	P	15 57 38.2 +0.7
EYAK	Cordova Ski Ar baz=236	83.42	25	P	P	15 57 37.5 0.0
SCM	Sheep Creek Mo comp=2.54nm,1.2s	83.49	24	IAMB	IAMB	15 57 40.8
SCM	Sheep Creek Mo baz=236,SNR=9.6	83.49	24	P	P	15 57 38.0 0.0
NRDN	NARMADA NAGAR 83.51 294	eP	P	15 57 38.6 -0.3		
NRDN	comp=2.44nm,1.0s	IAMB	IAMB	15 57 48.0		
C18K	Utukok River comp=2.59nm,1.1s	83.52	14	IAMB	IAMB	15 57 40.5
C18K	Utukok River baz=222,SNR=11	83.52	14	P	P	15 57 38.2 +0.3
WAT1	Susitna Watana baz=235	83.59	22	P	P	15 57 38.2 -0.2
KAIM	Kayak Island baz=239	83.66	26	P	P	15 57 39.4 +0.7
DGZ	Jazzart, Alta comp=2.10nm,1.1s	83.73	323	iP	P	15 57 38.4 -1.2
DGZ	comp=2.44nm,1.0s	pmax	pmax			
IMAR	Indian Mountai 83.74 18	P	P	15 57 38.9 -0.2		
WAT6	Susitna Watana baz=236,SNR=11	83.75	23	P	P	15 57 39.4 0.0
I21K	Tanana baz=231,SNR=16	83.80	20	P	P	15 57 39.9 +0.5
GUNA	GUNA 83.80 296	eP	P	15 57 38.4 -1.9		
GUNA	comp=2.98nm,1.3s	IAMB	IAMB	15 57 45.5		
H21K	Melozitna Rive baz=231,SNR=12	83.83	19	P	P	15 57 40.1 +0.6
F20K	Avarart Lake baz=228,SNR=20	83.85	17	P	P	15 57 40.3 +0.7
KLU	Klutina comp=2.52nm,1.1s	83.86	24	IAMB	IAMB	15 57 47.1
KLU	Klutina baz=237,SNR=12	83.86	24	P	P	15 57 40.3 +0.4
M24K	Tolsona, Glenn comp=2.32nm,1.0s	84.10	24	IAMB	IAMB	15 57 49.1
M24K	Tolsona, Glenn baz=237,SNR=7.1	84.10	24	P	P	15 57 41.8 +0.7
BMRM	Bremner River comp=2.102nm,1.8s	84.12	25	IAMB	IAMB	15 57 43.0
BMRM	Bremner River baz=239,SNR=7.1	84.12	25	P	P	15 57 41.4 +0.2
G21K	Allakaket baz=239	84.16	18	P	P	15 57 43.1
G21K	Allakaket comp=2.50nm,1.4s	84.16	18	P	P	15 57 41.5 +0.3
C19K	Lookout Ridge baz=224,SNR=18	84.25	15	P	P	15 57 42.5 +0.8
H22K	Ishlatina Cre baz=232,SNR=15	84.44	19	P	P	15 57 43.2 +0.6
N25K	Chitina, Valde baz=238,SNR=10	84.46	24	P	P	15 57 43.6 +0.7
ZSN	Zaisan 84.50 320	iP	P	15 57 44.0 +0.7		
ZSN	comp=2.26nm,1.5s	pmax	pmax			
ZSN	Zaisan 84.50 320	iP	P	15 57 44.0 +0.7		
E20K	Nigu River comp=2.26nm,1.5s	84.54	16	P	P	15 57 43.9 +0.7
F21K	Alatina River comp=2.58nm,1.6s	84.63	18	IAMB	IAMB	15 57 45.4
F21K	Alatina River baz=230,SNR=18	84.63	18	P	P	15 57 43.7 +0.1
CRQK	Cirque comp=2.32nm,1.0s	84.63	26	IAMB	IAMB	15 57 52.5
CRQK	Cirque baz=240	84.63	26	P	P	15 57 44.2 +0.3
I23K	Minto, Yukon-K baz=240	84.66	20	P	P	15 57 43.6 -0.1
HARP	HAARP baz=238	84.66	24	P	P	15 57 43.9 0.0
KLP	Kalpa 84.66 303	eP	IAMB	15 57 42.8 -2.1		
KLP	comp=2.115nm,1.1s	IAMB	IAMB	15 57 55.9		
GLB	Gilahina Butte comp=2.32nm,1.2s	84.70	25	IAMB	IAMB	15 57 46.8
A19K	Wainwright baz=222	84.70	13	P	P	15 57 44.3 +0.5
WRH	Wood River Hil comp=2.65nm,1.8s	84.73	21	IAMB	IAMB	15 57 49.8
H23K	Yukon River baz=234,SNR=23	85.00	20	P	P	15 57 45.6 +0.1
COLA	College 85.02 21	P	P	15 57 44.9 -0.6		
COLA	College 85.02 21	P	P	15 57 44.7 -0.8		
COLA	comp=2.38nm,1.1s	IAMB	IAMB	15 57 52.7		
COLA	College 85.02 21	iP	pmax	15 57 44.5 -1.0		
COLA	College comp=2.67nm,2.0s	pmax	pmax			
COLA	College baz=235	85.02	21	P	P	15 57 44.8 -0.8
G22K	Bettles baz=232	85.03	18	P	P	15 57 46.1 +0.5
KAD	Karad 85.11 288	eP	P	15 57 46.9 -0.2		
F22K	John River baz=231,SNR=7.1	85.20	18	P	P	15 57 47.1 +0.7
E21K	Kilik River baz=229	85.28	17	P	P	15 57 47.4 +0.6
ILAR	Eielson Array comp=2.44nm,1.0s	85.30	21	P	P	15 57 45.9 -1.1
ILAR	Eielson Array baz=254,slow=4.9,SNR=20	85.30	21	P	P	15 57 46.5 -0.5
ILAR	Eielson Array 85.30 21	P	P	15 57 46.5 -0.5		
KUDL	Kundal 85.34 299	eP	P	15 57 47.3 -0.7		
G23K	Bananza Creek baz=233,SNR=15	85.37	19	P	P	15 57 47.8 +0.4
BARN	Barnard Glacie comp=2.88nm,1.9s	85.41	26	IAMB	IAMB	15 57 50.1
B20K	Meade River comp=2.47nm,1.1s	85.50	15	IAMB	IAMB	15 57 50.7
B20K	Meade River baz=226,SNR=7.1	85.50	15	P	P	15 57 48.4 +0.6
MENT	Mentasta 85.50 23	P	P	15 57 48.0 +0.1		
MENT	Mentasta comp=2.72nm,1.9s	85.50	23	IAMB	IAMB	15 57 50.5
M26K	Nabesna, AK baz=240,SNR=7.0	85.52	24	P	P	15 57 48.8 +0.6
C21K	Knifblade Rid baz=228,SNR=30	85.53	16	P	P	15 57 49.1 +1.0
H24K	Noodor Dome baz=235	85.56	20	P	P	15 57 47.2 -1.1
P1NM	Pinnacle baz=242	85.57	27	P	P	15 57 49.3 +0.8
LOGN	Logan Glacier comp=2.54nm,1.5s	85.58	26	IAMB	IAMB	15 57 56.0
L26K	Log Cabin Will baz=240,SNR=6.6	85.70	23	P	P	15 57 49.5 +0.5
B21K	Salcha River baz=238,SNR=22	85.76	22	P	P	15 57 49.3 -0.1
J25K	Ikpikpuk River comp=2.39nm,1.1s	85.88	15	IAMB	IAMB	15 57 52.8
B21K	Ikpikpuk River baz=239,SNR=15	85.88	15	P	P	15 57 50.4 +0.7
O28M	Mount Upton baz=242	85.91	26	P	P	15 57 51.0 +0.6
MK31	Makanchi Array 85.94 319	eP	P	15 57 50.3 -0.3		
MKAR	Makanchi Array comp=2.30nm,0.6s	85.94	319	P	P	15 57 49.8 -0.9
MKAR	Makanchi Array baz=100,slow=6.1,SNR=30	85.94	319	P	P	15 57 49.9 -0.7
MKAR	Makanchi Array 85.94 319	iP	pmax	15 57 50.4 -0.2		
MKAR	comp=2.30nm,0.6s	pmax	pmax			
M27K	Edge Creek, AK baz=241,SNR=22	85.95	24	P	P	15 57 51.2 +0.8
MAKZ	Makanchi 86.15 319	P	IAMB	15 57 51.3 -0.3		
MAKZ	comp=2.64nm,1.1s	IAMB	IAMB	15 57 52.8		
MAKZ	comp=2.423nm,21.0s	IAMS_20	IAMS_20	16 30 32.8		
MAKZ	Makanchi 86.15 319	P	pmax	15 57 51.3 -0.3		
MAKZ	comp=2.64nm,1.8s	pmax	pmax			
MAKZ	MAKZ comp=2.400nm,21.0s	86.19	19	P	P	15 57 51.9 +0.5
G24K	Hadweezic Riv baz=236,SNR=17	86.26	25	P	P	15 57 52.6 +0.5
YUK3	Moose Creek baz=242,SNR=9.7	86.31	18	IAMB	IAMB	15 57 55.2
E23K	Chandalar comp=2.85nm,1.5s	86.31	18	IAMB	IAMB	15 57 52.6 +0.6
E23K	Chandalar baz=234,SNR=29	86.31	18	P	P	15 57 53.3 +0.8
YUK8	Steele Glacier baz=243	86.33	26	P	P	15 57 52.6 +0.6
BCAR	Beaver Creek A 86.33 24	P	P	15 57 52.8 +0.6		
BVCY	Beaver Creek baz=242,SNR=13	86.35	25	P	P	15 57 53.3 +0.8
O29M	Mount Kennedy comp=2.81nm,2.0s	86.41	27	IAMB	IAMB	15 58 15.1
O29M	Mount Kennedy baz=241,SNR=7.0	86.41	27	P	P	15 57 53.8 +1.0
WUSU	Wushi comp=2.457nm,21.0s	86.42	313	IAMS_20	IAMS_20	16 35 04.5
DHRM	DHARAMSHALA DHRM	86.44	303	eP	IAMB	15 57 52.2 -1.4 15 58 00.8
P29M	Windy Craggy baz=245	86.50	28	P	P	15 57 53.8 +0.8
S31K	Pelican comp=2.67nm,1.9s	86.52	30	P	P	15 57 53.9 +0.8
F24K	Squaw Lake baz=235,SNR=30	86.52	19	P	P	15 57 54.1 +1.1
A21K	Barrow baz=227	86.54	14	P	P	15 57 53.5 +0.6
D23K	Nanushuk River baz=232,SNR=51	86.54	17	P	P	15 57 54.3 +1.2
AJM	Ajmer 86.58 297	eP	IAMB	15 57 53.6 -0.6		
AJM	comp=2.78nm,1.3s	IAMB	IAMB	15 57 59.3		
SIT	Sitka baz=247	86.61	31	P	P	15 57 53.9 +0.4
E24K	Your Creek comp=2.67nm,1.9s	86.66	18	IAMB	IAMB	15 57 55.8
E24K	Your Creek baz=234,SNR=16	86.66	18	P	P	15 57 54.2 +0.5
B22K	Teshkepuk Lake comp=2.34nm,1.2s	86.67	15	IAMB	IAMB	15 58 00.6
B22K	Teshkepuk Lake baz=230,SNR=13	86.67	15	P	P	15 57 54.0 +0.4
TOLK	Toolik Lake Re baz=234,SNR=13	86.67	17	P	P	15 57 54.3 +0.6
G25K	Bearman Lake comp=2.87nm,1.2	86.68	20	P	P	15 57 54.5 +0.7
BRWY	Burwash Landin baz=244	86.68	26	P	P	15 57 55.1 +1.2
A22K	Sinclair Lake baz=227	86.71	14	P	P	15 57 54.2 +0.5
YUK6	Outpost Mounta baz=244,SNR=6.7	86.78	26	P	P	15 57 55.7 +1.0
SHLS	Shalkode 86.79 315	iP	pmax	15 57 53.9 -1.1		
SHLS	comp=2.26nm,1.6s	pmax	pmax			
SHLS	Shalkode comp=2.26nm,1.6s	86.79	315	iP	P	15 57 53.9 -1.1
ZAAO	Zalesovo Array 86.81 326	P	P	15 57 52.7 -1.9		
ZAAO	Zalesovo Beam 86.81 326	P	P	15 57 53.0 -1.6		
ZALV	comp=2.20nm,0.7s	LR	LR	16 36 30.6		
ZALV	comp=2.225nm,21.3s	LR	LR	16 36 30.6		
ZALV	Zalesovo Beam 86.81 326	iP	pmax	15 57 53.5 -1.1		
ZALV	comp=2.20nm,0.7s	pmax	pmax			
YUK4	Talbot Arm baz=244,SNR=12	86.84	26	P	P	15 57 56.4 +1.5
I26K	Coal Creek Min baz=240	86.93	22	P	P	15 57 55.4 +0.4
THN	Thein Dam 86.93 303	eP	IAMB	15 57 54.7 -1.2		
THN	comp=2.75nm,1.2s	IAMB	IAMB	15 58 03.4		
PLBC	Pleasant Camp baz=246,SNR=11	87.06	28	P	P	15 57 56.3 +0.5
P30M	Million Dollar baz=245,SNR=11	87.06	27	P	P	15 57 56.8 +1.0
UZB	Uzynbulak 87.09 314	iP	pmax	15 57 56.8 +0.3		
UZB	comp=2.14nm,1.7s	pmax	pmax			
UZB	Uzynbulak comp=2.44nm,1.7s	87.09	314	iP	P	15 57 56.8 +0.3
C23K	Kilik River baz=232,SNR=32	87.10	16	P	P	15 57 56.6 +0.9
HYT	Haines Junctio baz=245,SNR=22	87.11	27	P	P	15 57 57.1 +0.9
S32K	Kilikno baz=248	87.14	30	P	P	15 57 56.5 +0.4
CRAG	Craig baz=249	87.14	33	P	P	15 57 56.6 +0.4
D24K	Happy Valley baz=243,SNR=15	87.19	17	IAMB	IAMB	15 58 03.9
D24K	Happy Valley baz=234	87.19	17	P	P	15 57 57.1 +1.0
F25K	Christian River comp=2.71nm,1.4s	87.28	19	IAMB	IAMB	15 57 58.6
F25K	Christian River baz=237,SNR=24	87.28	19	P	P	15 57 57.9 +1.1
U33K	Whale Pass baz=249	87.38	32	P	P	15 57 57.5 +0.2
M29M	Somme Creek baz=244,SNR=15	87.40	25	P	P	15 57 58.3 +0.8
KPK3	Kokpek 87.42 315	eP	P	15 57 58.3 +0.3		
KPK3	Kokpek 87.42 315	eP	P	15 57 58.4 +0.3		
R32K	Eagrest baz=248	87.46	30	P	P	15

SOME 20 15:55:48.2, 41.23'N, 78.62'E
KRNET 20 15:55:49.0, 41.1, 41.37'N, 78.75'E, mb2.9
ISC 20 15:55:52.6, 1.7, 41.43'N, 0.09, 78.46E, 0.05, h0km, m2.0,

Table with columns: Code, Station Name, Azimuth, Phase, ISC, Time, Res. Includes stations like TARG, KDJ, UZB, NRR, SHLS, TNS, MDO, etc.

HEL 20 16:02:09.2, 0.2, 65.78'N, 24.69'E, h0km, ML0.8, Suspected explosion, Finland

Table with columns: Code, Station Name, Azimuth, Phase, ISC, Time, Res. Includes stations like TOF, OUL, RNF, ERT, etc.

KOLA 20 16:03:30.5, 69.85'N, 30.90'E, h0km, ML1.6, Norway, Finnmark

Table with columns: Code, Station Name, Azimuth, Phase, ISC, Time, Res. Includes stations like RAUF, KEV, VRF, etc.

IDC 20 16:13:34.8, 0.9, 34.08'N, 25.57'E, h0km, mb3.9/14, mbmp3.9/22, ML3.8/6, MS4.2/3, Error ellipse: s-maj=18.5km s-min=11.9km az=39.0

Table with columns: Code, Station Name, Azimuth, Phase, ISC, Time, Res. Includes stations like LANU, KU2, TOF, etc.

Table with columns: SIVA, Station Name, Azimuth, Phase, ISC, Time, Res. Includes stations like Sivas, Zakros, Neapolis, etc.

Table with columns: SIVA, Station Name, Azimuth, Phase, ISC, Time, Res. Includes stations like Palaiochora Ch, Thra Island, etc.

Table with columns: SIVA, Station Name, Azimuth, Phase, ISC, Time, Res. Includes stations like Keskin Array B, etc.

AK07 Malin Array Si 16.64 8 P Pn 16 17 31.4 +1.7

Table with columns: SIVA, Station Name, Azimuth, Phase, ISC, Time, Res. Includes stations like AK06, AK13, etc.

FINES FINES Array B 27.35 1 P 2.3mm, 0.9s, baz=163, slow=10, SNR=7.1

Table with columns: SIVA, Station Name, Azimuth, Phase, ISC, Time, Res. Includes stations like AK13, AK10, etc.

Table with columns: BVAR, Station Name, Azimuth, Phase, ISC, Time, Res. Includes stations like Borovoye Array, Kurbb, etc.

CATAC 20 16:28:43.4, 0.8, 13.3'N, 4.9'W, h8km, 5km, M3, 4/12, MLV3, 4/12, Error ellipse: s-maj=12.9km s-min=7.5km

GCG 20 16:28:45.2, 0.8, 13.3'N, 4.9'W, h18km, 13km, MD4.0, Presumed earthquake

ISC 20 16:28:44.1, 3.4, 13.03'N, 0.10, 26'W, 0.09, h17km, 14km, n33, 0.8/36/44, 1D, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase, ISC, Time, Res. Includes stations like FAME, NUBE, etc.

REY 20 16:39:33.4, 66.27'N, 18.55'W, h12km, DNK 20 16:39:34.6, 1.9, 66.41'N, 18.59'W, h0km, 122km, ML2.8, Presumed earthquake

ISC 20 16:39:31.6, 1.1, 66.30'N, 0.03, 18.47'W, 0.03, h9km, 9km, n48, 0.8/73/27, Iceland region

Table with columns: Code, Station Name, Azimuth, Phase, ISC, Time, Res. Includes stations like ISIG, IBRE, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BWO6, HAYD, OGNE, WMP, GCMT, ISCO, LOHW, etc.

1253 19:07:51.0, 3.0, 33.53S x 177.79W, h0km, mb3.9/2, mbmp3.9/4, ML3.5/2, Error ellipse: s-maj=70.9km s-min=32.9km az=120.0

WEL 20 19:07:51.0, 1.1, 33.5S, 14.1 x 17.9W, 2.9, h12km, M4.3/9, mb4.7/6, ML4.3/12, ML4.5/9, Mw(mB)4.0/6, Error ellipse: s-maj=41.6km s-min=6.2km az=115.1, confirmed

ISC 20 19:07:48.6, 2.1, 33.5S, 0.1 x 17.74W, 0.3, h10km, n29, c159/40, South of Kermadec Islands

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

KRSC 20 19:17:19.7, 2.8, 50.22N x 157.12E, h39km, 24km, MI3.9, Kuril Islands

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PAU, KDTR, ASAK, MTRV, etc.

NAO 20 19:26:19.6, 66.44N, 18.27W, h10km, MB5.4

BUI 20 19:26:19.3, 66.34N, 19.03W, h5km, mb5.5/6, mb5.0/75, Ms5.9/85, Ms7.5/80

MOS 20 19:26:20.5, 1.2, 66.23N, 18.87W, h11km, mb5.5/107, MS5.4/69, Error ellipse: s-maj=6.7km s-min=4.4km az=95.2

BGS 20 19:26:20.2, 1.6, 66.59N, 18.48W, h10km, ML5.6, MW5.7(NEIC)

IDC 20 19:26:21.8, 0.3, 66.28N, 18.46W, h0km, mb4.8/44, mbmp4.7/51, ML4.0/7, MS5.4/90, Error ellipse: s-maj=11.3km s-min=7.3km az=8.0

REY 20 19:26:21.3, 66.25N, 18.55W, h10km

NEIC 20 19:26:21.4, 1.1, 66.29N, 0.05, 18.9W, 0.2, h10km, 1km, mb5.3/218, Ms. 20.5/5/81, Mw5.6/177, Mw5.7/51, Error ellipse: s-maj=10.8km s-min=8.8km az=114.0

BER 20 19:26:21.6, 4.7, 66.30N, 18.43W, h10km, Mw5.2, ML5.6(NEIC)

IPGP 20 19:26:22.0, 66.22N, 18.75W, h13km, Mw5.7, Fault plane solution: NP1: 104.00000°, 580.00000°, 170.00000°

NEIC 20 19:26:22.7, 66.22N, 18.68W, h10km, Moment Tensor Solution. Moment tensor: Scale 10^17Nm; Mrr:0.46; Mss:0.90; Mtt:1.36; Mss:0.06; Mss:2.85; Mrr:0.95; Fault plane solution: Ms3.230000x1017 NP1: 10.280000°, 178.260000°, Principal axes: T 3.4423, P1g11.0000°, Azm57.0000°; N -0.4685, P1g72.0000°, Azm185.0000°; P -2.9736, P1g13.0000°, Azm324.0000°

PTWC 20 19:26:23.6, 66.20N, 18.30W, h10km, Mw5.9/4, ICELAND REGION

DNK 20 19:26:24.9, 4.3, 66.37N, 18.18W, h20km, 448km, MS5.6, Presumed earthquake

GFZ 20 19:26:24.1, 66.36N, 18.44W, h10km, Mw5.7, Moment Tensor solution. s35 Moment tensor: Mrr:1.26; Mss:0.94; Mtt:2.20; Mss:0.71; Mss:3.36; Mrr:0.36; Fault plane solution: NP1: 283.00000°, 86.00000°, 166.00000°

INMG 20 19:26:24.7, 66.59N, 18.01W, h10km, mb5.2, Ms5.3, MW5.1 #DIST. RANGE: DISTANT

GCMT 20 19:26:25.0, 1.1, 66.26N, 18.54W, h2km, MW5.8/168, Moment Tensor Solution. s143, c124; s168, c389; Duration: 1s8 Moment tensor: Scale 10^17Nm; Mrr:0.53; 0.4; Mss:1.68; 0.4; Mss:2.20; 0.4; Mss:0.77; 1.0; Mss:4.77; 0.3; Mss:0.90; 0.9; Best double couple: Ms5.26500x1017 NP1: 192.00000°, 81.00000°, 76.00000°

Principal axes: T 5.6360, P1g11.0000°, Azm56.0000°; N -0.7480, P1g79.0000°, Azm246.0000°; P -4.8940, P1g2.0000°, Azm146.0000°; nst1 refers to body waves, cutoff=400s. nst2 refers to surface waves, cutoff=50s. Triangular corner time function

NEIC 20 19:26:30.2, 66.12N, 18.68W, h18km, Moment Tensor Solution. Duration: 3s6 Moment tensor: Scale 10^17Nm; Mrr:0.46; Mss:1.99; Mss:2.45; Mrr:1.61; Mss:4.06; Mrr:1.29; Fault plane solution: Ms5.08000x1017 NP1: 286.72000°, 87.146000°, 165.63000°

ASK 20 19:26:30.2, 7.0, 66.21N, 0.02, 18.55W, 0.02, h9km, 1km, h8km, pP-P, n1650, 2574/1772, mb5.3/319, MS5.5/411, 76C-48D, Iceland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ISIG, IBRE, IHLA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ISIG, IBRE, IHLA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ISIG, IBRE, IHLA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ISIG, IBRE, IHLA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ISIG, IBRE, IHLA, etc.

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

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

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

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

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

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

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

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

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

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

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

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

1255

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like RJOB Jochberg, VRAC Vranov, WRAC Vranov, etc.

2020 JUN

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like MVO MVO, LANS Liptovska Anna, LANS Liptovska Anna, etc.

20d 19h

Table with columns for call sign, name, frequency, mode, and other parameters. Includes stations like OBN Obninsk, OBN Obninsk, OBN Obninsk, etc.

20d 19h

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, Power, and other parameters. Includes stations like I21K Tanana, NEA2 Nenana, K24K Donnelly Dome, etc.

2020 JUN

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, Power, and other parameters. Includes stations like HARP HAARP, GCSA Galena City Sc, CHUM Chum Lake, etc.

1258

Table with columns: Call Sign, Name, Azimuth, Elevation, Frequency, Mode, Power, and other parameters. Includes stations like TNA Tin City, K20K Telida, K20K Niuluk, etc.

20d 19h

Table with columns for call sign, frequency, power, mode, and other technical details. Includes stations like AAK, SII, KBK, etc.

2020 JUN

Table with columns for call sign, frequency, power, mode, and other technical details. Includes stations like HRA, S2ZA, ZAK, etc.

1260

Table with columns for call sign, frequency, power, mode, and other technical details. Includes stations like CHIV, NVAR, GDLZ, etc.

20d 19h

Table with columns for station name, code, time, and other parameters. Includes stations like TNCH, NPGBS, SMTB, OTAV, etc.

2020 JUN

Main table with columns for station name, code, time, and other parameters. Includes stations like LPAZ, ADOB, BDOQ, etc.

1262

Table with columns for station name, code, time, and other parameters. Includes stations like BORG, IASB, GYG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ Urewera, RTZ Rutahuna, RPZ Rata Peaks, etc.

ISC 21 00:08:48.6, 2.5, 33.71S, 178.14W, h0km, mb4.1/2, mbtmp4.2/3, ML4.2/1, Error ellipse: s-maj=75.9km

WEL 21 00:08:57.0, 1.2, 31.9S, 20.17W, 9.3, 0.12km, M4.5/9, mB5.0/5, ML4.6/3, ML4.6/9, Mw/(mb)4.5/5, Error ellipse: s-maj=46.0km

ISC 21 00:08:52.5, 1.8, 33.8S, 0.1, 178.5W, 0.3, h10km, n20, e133/28, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WMGZ Waiomatatini S, HAZ Te Kaha, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ Urewera, RTZ Rutahuna, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ Urewera, RTZ Rutahuna, etc.

ISC 21 00:12:31.5, 2.5, 27.48N, 55.78E, h0km, mb3.6/8, mbtmp3.6/8, Error ellipse: s-maj=58.6km

TEH 21 00:12:33.3, 27.45N, 55.89E, h6km, 29km, ML3.3, Presumed earthquake

OMAN 21 00:12:37.1, 0.2, 27.36N, 55.87E, h10km, m3.2/9, Error ellipse: s-maj=3.9km

ISC 21 00:12:34.7, 0.7, 27.49N, 0.05, 55.91E, 0.05, h15km, n38, e179/40, mb3.4/7, Southern Iran

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GENO Geno, IBND Bandar-abas, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SHAO Shalim, WHTO Wadi Hawf, etc.

ISC 21 00:14:30.0, 0.6, 33.86S, 178.12W, h0km, mb4.5/11, mbtmp4.5/14, ML4.6/3, MS3.6/19, Error ellipse: s-maj=24.0km

WEL 21 00:14:29.9, 0.7, 34.5S, 6.7W, 1.3, h12km, M4.9/11, mB5.2/6, ML4.7/12, MLv5.1/11, Mw/(mb)4.6/6, Error ellipse: s-maj=17.6km

NEIC 21 00:14:31.4, 1.1, 33.93S, 0.1, 178.2W, 0.2, h10km, lkm, mb4.7/24, Error ellipse: s-maj=24.4km

ISC 21 00:14:50.4, 0.3, 33.91S, 0.05, 178.12W, 0.08, h10km, n23, e161/120, mb4.7/28, MS3.7/18, 1C-3D, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GLKZ Green Lake, WMGZ Waiomatatini S, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAR Rarotonga, ARMA Armadale, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TBI Tubuai, EIDS Eidsvoll, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TOO Tootalangi, PPT2 Papeete, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PPT Papeete, STKA Stephens Creek, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CTA Charters Tower, CTAO Charters Tower, etc.

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BELA Belgrano 2, MAW Mawson, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NJ2 Nanjing, ISA Isabella, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CLC China Lake, CLC China Lake, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like IRM Iron Mountain, USRK Ussuriysk Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like NVAR Mina Arr Bay, X16A X16A, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CN2 Changchun, CN2 Chiang Mai Arr, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like X16A X16A, X16A X16A, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BORK Borok, KIV Kiselevsk, etc.

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AK10 Ak10, AK12 Ak12, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AK14 Ak14, AK14 Ak14, etc.

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

SJA 21 00:22:07.8, 0.5, 34.91S, 72.00W, h71km, 4km, ML3.3, MW3.5

GUC 21 00:22:11.5, 0.6, 34.79S, 71.75W, h47km, 2km, ML3.3

ISC 21 00:22:11.4, 1.1, 34.79S, 0.03, 71.79W, 0.04, h30km, 11km, n37, e150/52, 1C, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like GO05 Hualane, GO05 Hualane, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Las Campanas, El Transito, Pan de Azucar, Maricunga, Juntas del Tor, Tololo Observa, El Pedregal, Combarbal, IPOC Station P, San Esteban, SPOC Station P.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Urewera, Alice Springs, Warramunga Arr, FINES FINESS Array B, WEL 21 01:12:18.9, 3.2, 33:305x177.93W, h0km, mb3.8/2.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Te Kaha, Pakihiroa, Raukumara Rang, Puketiti, Ohinepanea, Urewera, Matawai, Te Karaka, Rawiri, Murupara, Rimuhau, Ruatuhuna, Plateau Road, Allien Road, Shannon Statio, Maungataniwha, Arahi, Kokohu, Naumai, Aropanoan, Black Stump Fm, Te Maari, Oturere, McNeill Hill, SNVZ, Kawaika Forest, Tukino, Far West T-bar, MAVZ, Whangaehu Hut, WNVZ, BHHZ, MOVZ, KRHZ, KAHZ, PXZ, Pukenui, TSZ, PRHZ, POWZ, PRWZ, BFZ, MRZ, TIVZ, HOWZ.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Matakaoa Point, Waioamatatini S, Pakihiroa, Te Kaha, Puketiti, Raukumara Rang, Tawuhareparea, Carnagh Statio, Matawai, Urewera, Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Urewera, Rawiri, Rimuhau, Murupara, Shannon Statio, Ruatuhuna, Kokohu, Tahuroa Road, Waipu Caves, Arahui, Omahuta, Chatham Island, Alice Springs, Warramunga Arr.

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

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

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Shalkode, SATY, KPKS, Warramunga Arr, FINES FINESS Array B.

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

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Matakaoa Point, Waioamatatini S, Pakihiroa, Te Kaha, Puketiti, Raukumara Rang, Tawuhareparea, Carnagh Statio, Matawai, Urewera, Warramunga Arr.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Tawewa, Wahianoa, Pukenui, Mangateitei, Takapari Road, Mangatainoka R, Holdsworth Sta, Rata Peaks, Warramunga Arr.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Mout Dzumac, Alice Springs.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like South Pole Qui.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Neumayer Olymp, Neumayer-Watz.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Petropavlovsk, Las Juntas de.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Kurchatov Arra, FINESS Array B.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Meron Arr, NOA.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like Hagfors, TORD.

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

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

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

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

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

0.3nm,0.4s,baz=150,slow=10,SNR=5.3
0.3nm,0.4s
GSPA South Pole Qui 87.10 180 P P 02 25 42.2 -0.2
2.1mm,1.2s,baz=65,slow=2.5,SNR=2.2
2.1mm,1.2s
CPUP Villa Florida 150.20 167 PKPKP 02 32 49.0 -0.3
1.9nm,0.9s,baz=168,slow=7.9,SNR=3.0

IDC 21 02:19:36.7,0.7,38.94Sx176.23E,h150km,8km,mb3.4/3,
s-min=3.9,MS3.3/1,Error ellipse: s-maj=22.1km
s-min=20.5km az=108.0
NOU 21 02:19:37.6,38.80S,175.88E,h141km,MLV4.2/21, North
Island, New Zealand
WEL 21 02:19:40.1,0.9,39.54Sx177.66E,h122km,9km,MS.5/50,
ML3.2/31,MLV3.5/50,Error ellipse: s-maj=6.1km
s-min=5.2km az=136.0,confirmed

ISC 21 02:19:37.6,0.7,38.73Sx0.03x175.82E,0.03,h153km,4km,
n169,c1909/186,mb3.6/3,North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like WATZ, WHAKAORA, RATZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like MBMZ, OGWZ, HOWZ, etc.

IDC 21 02:37:21.6,2.9,25.78Sx176.11W,h0km,mb3.7/4,
s-min=17.5km az=32.0
ISK 02:42:00.1,34.27N,25.50E,h9km,ML3.1/12
THE 21 02:42:00.9,34.7N,2.5E,h0km,7km,MS.1.6,MLh3.1/6
ATH 21 02:42:01.8,0.6,34.25N,25.53E,h12km,ML3.2/7
Latitude uncertainty: 4 km; Longitude uncertainty: 2 km
ISC 21 02:41:58.1,2.0,34.13N,0.07x175.53E,0.03,h6km,12km,
n70,c1866/84,mb3.6/3,Crete

IDC 21 02:41:57.4,1.1,34.22N,25.39E,h0km,mb3.6/6,
mbmp3.5/12,ML3.0/5,Error ellipse: s-maj=20.2km
s-min=17.5km az=32.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like CTDA, Charters Tower, ASAR, etc.

IDC 21 02:41:57.4,1.1,34.22N,25.39E,h0km,mb3.6/6,
mbmp3.5/12,ML3.0/5,Error ellipse: s-maj=20.2km
s-min=17.5km az=32.0

ISK 02:42:00.1,34.27N,25.50E,h9km,ML3.1/12
THE 21 02:42:00.9,34.7N,2.5E,h0km,7km,MS.1.6,MLh3.1/6
ATH 21 02:42:01.8,0.6,34.25N,25.53E,h12km,ML3.2/7
Latitude uncertainty: 4 km; Longitude uncertainty: 2 km
ISC 21 02:41:58.1,2.0,34.13N,0.07x175.53E,0.03,h6km,12km,
n70,c1866/84,mb3.6/3,Crete

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like SIVA, NPS, ZAKOS, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like VLI, TURN, MSLB, etc.

IDC 21 02:50:43.0,5.0,6.66Sx18.78W,h0km,mb3.6/13,
mbmp3.6/19,ML3.1/6,MS3.5/43,Error ellipse:
s-maj=12.1km az=15.0
REY 21 02:50:44.0,6.624N,18.52W,h0km
NEIC 21 02:50:47.0,1.4,66.1N,0.1x18.6W,0.2,h10km,2km,
mb4.2/31,Error ellipse: s-maj=19.7km s-min=13.4km
az=143.0

DKZ 21 02:50:56.0,3.0,66.57N,19.13W,h18km,223km,ML3.5,
Presumed earthquake

ISC 21 02:50:43.0,5.0,6.66Sx18.78W,0.02,h10km,n161,
c2509/129,mb4.2/47,MS3.5/52,Iceland region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like ISIG, SIGLUFJOROUR, ISVA, etc.

21d 3h

Table with columns: ARTI, Station Name, Time, Res, and various parameters. Includes stations like Hagfors, ARCES ARCESS Array B, KASTN Kahler Asten, etc.

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Table with columns: ARTI, Station Name, Time, Res, and various parameters. Includes stations like Arti, YKA Yellowknife Arr, INK Inuvik, etc.

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Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like Xinjjiang, KMMS Ketmen, etc.

SSNC 21 03:15:19.7:2.5, 22:10N:78:81W, h0km, 15km, MD3.9, ML3.3, MW3.8, Presumed earthquake, Cuba region

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like MGUV Manicaragua, CBCY The Bluff, Cay, etc.

IDC 21 03:15:40.5:0.5, 36:41N:97:36W, h0km, mb4.0/16, mbtmp4.0/26, ML3.9/10, MS3.5/30, Error ellipse: s-maj=9.9km, s-min=7.4km, az=165.0

NEIC 21 03:15:41.5:0.6, 36:359N:0:007:97:365W:0:008, h5km, 1km, mb4.1/68, mb_Lg4.5/164, ML4.4/36, ML4.7/71, Mw1.4/2.86, Error ellipse: s-maj=2.2km, s-min=1.4km, az=100.0

NEIC 21 03:15:41.8, 36:34N:97:36W, h8km, Moment Tensor Solution. Moment tensor: Scale 10^15Nm, Mrr=0.48, Mtt=2.14, Mss=1.68, Mtr=0.61, Mts=0.51, Msr=0.74, Fault plane solution: M2.220000:1015 NP1=90, 110000, 383.00000, A-151.93000, NP2=306.44000, 362.15000, A-7.82000. Principal axes: T 2.3818, Plg14.0000, Azm170.0000; N -0.3585, Plg61.0000, Azm53.0000; P -2.0233, Plg25.0000, Azm267.0000;

NEIC 21 03:15:41.7:0.5, 36:359N:0:009:97:359W:0:004, h8km, 3km, Error ellipse: s-maj=1.4km, s-min=0.4km, az=191.0

ISC 21 03:15:41.1:1.0, 36:35N:0:02:97:41W:0:03, h9km, 7km, n185, 4197/79, mb4.2/18, MS3.6/24, Oklahoma

Table with columns: Code, Station Name, Time, Res, and various parameters. Includes stations like OK048 Pawnee Station, BLOK Blackwell, etc.

NNC 21 03:01:11.9:0.8, 44:21N:81:46E, h0km, mb2.7, mpv2.6, 4C-2D, Error ellipse: s-maj=8.0km, s-min=4.1km, az=126.0, Suspected Mining explosion., Northern

21d 4h

n150_c0683/224,101C-30D,Romania

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Op, ISC, Time Res, h m s, ISC, JMB, Yambol, and various frequency/ID columns.

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Main table with columns: NDNU, JMB, Yambol, eS, Smax, Sn, Pn, and various frequency/ID columns.

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Table with columns: Code, Station Name, A°, AZ°, Phase ID, Op, ISC, Time Res, h m s, ISC, and various frequency/ID columns.

KSRC 21 04:06:30.9; 1.8, 52°05N; 159°96E, h58km, 28km, ML4.2
NEIC 21 04:06:31.7; 2.2, 51°39N; 10; 150; 7E; 0.2, h35km, 2km,
mb4, 3/6, Error ellipse: s-maj=23.5km s-min=12.7km
az=237.0
IDC 21 04:06:32.6; 5.6, 51°168N; 159°34E, h58km, 38km, mb3.5/9,
mbtm3.8/9, MS3.0/4, Error ellipse: s-maj=49.3km
s-min=26.0km az=100.0
ISC 21 04:06:32.8; 1.4, 52.07N; 0; 0.0; 7; 159; 90E; 0.05, h48km, 13km,
n61, i148/53, mb4.1/12, Off east coast of Kamchatka

Peninsula

Table with columns: Code, Station Name, A°, AZ°, Phase ID, Op, ISC, Time Res, h m s, ISC, and various frequency/ID columns.

baz=314,slow=77,SNR=6.1
H03N3 Juan Fernandez 134.33 90 T T 06 56 18.9
baz=314,slow=77,SNR=4.5

IDC 21 04:18:19.9,2.7,9.13N;126.15E,h0km,mb3.5/4,
mbtm3.5/4,MS3.9/8, Error ellipse: s-maj=227.0km
s-min=24.6km az=66.0

MAN 21 04:18:27.0,9.30N;126.23E,h22km,MS3.3
MAN INTENSITY II - CLAVER SURIGAO DEL NORTE.
ISC 21 04:18:20.4,1.6,9.34N;0.04,126.35E,0.06,h3km,10km,
n30,of132/27,mb3.5/4,MS4.1/8,Mindanao

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BUTP Butuan, SCPH Surigao, BISPH Bislig, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ASAR Alice Springs, H11S3 WAKE ISLAND Hy 40.11, H11S1 WAKE ISLAND Hy 40.13, etc.

GCMT 21 04:24:06.0,0.4,23.38N;0.003,123.73E;0.03,h3km,1km,
MW4.8/71, Moment Tensor Solution. s25;C29;
s71,c92; Duration: 0 Moment tensor: Scale 10^16Nm;
Mrr1.49;19; Mrr1.44;12; Mrr0.05;12; Mrr1.24;13;
Mrr1.20;07; Mrr0.80;17; Best double couple:
M:2.33600x10^16 NPT1:244.00000,826.00000,
7.96.00000; NP2:57.00000,865.00000,187.00000;
Principal axes: T 2.0170,Plg70.0000; Azm32.0000;
N 0.6380,Plg3.0000; Azm59.0000; P -2.6560,
Plg20.0000; Azm150.0000; nsta1 refers to body
waves, cutoff=40s. nsta2 refers to surface waves,
cutoff=50s. Surface-wave location Triangular
moment-rate function Southwestern Ryukyu Islands

CATAC 21 04:31:05.8,0.4,14.12N;99.17W;h7km,2km,M3.5/27,
MLV3.5/27, Error ellipse: s-maj=5.8km s-min=2.8km
az=29.4, confirmed

GCG 21 04:31:07.3,1.3,14.04N;91.28W,h48km,14km,MD4.2,
ML4.2, Presumed earthquake

ISC 21 04:31:05.6,1.7,13.94N;0.06,91.21W;0.04,h0km,11km,
n47,of103/72,Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like STG5 El Palmar, Qui, STG2 El Palmar, Qui, STG8 El Palmar, Qui, etc.

Table with columns: PAVA Las Pavas, COEG Centro de Oper, COEG Centro de Oper, PSNO Presa 5 de nov, etc.

NEIC 21 04:39:08.6,2.1,24.6S;0.1:177.0W;0.2,h69km,4km,
mb4.6/16, Error ellipse: s-maj=25.7km s-min=13.6km
az=133.0

IDC 21 04:39:12.8,0.9,24.36S;177.09W,h124km,7km,mb3.6/8,
mbtm4.1/11,MS3.5/5, Error ellipse: s-maj=25.3km
s-min=16.2km az=158.0

ISC 21 04:39:13.7,0.5,24.54S;0.09,177.02W;0.08,h132km,
n58,of154/44,mb4.1/15,South of Fiji Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MSVF Nonavsu, MSVF Nonavsu, MARNC Mare, Loyalty, etc.

Table with columns: WRA Warramunga Arr, WRT Warramunga Arr, WRS Warramunga Arr, WRR Warramunga Arr, WRA Warramunga Arr, etc.

CATAC 21 04:31:07.3,1.3,14.04N;91.28W,h48km,14km,MD4.2,
ML4.2, Presumed earthquake

ISC 21 04:31:05.6,1.7,13.94N;0.06,91.21W;0.04,h0km,11km,
n47,of103/72,Near coast of Guatemala

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, WRT Warramunga Arr, WRS Warramunga Arr, etc.

IDC 21 04:39:20.1,8.4,33.11S;179.46E,h216km,56km,mb3.1/4,
mbtm3.7/5,MS3.5/1, Error ellipse: s-maj=86.6km
s-min=30.0km az=47.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like URZ Urewera, STKA Stephens Creek, CTA Charters Tower, etc.

UCR 21 04:51:15.8,0.8,9.18N;82.63W,h3km,5km,MW3.8,
Presumed earthquake

UPA 21 04:51:16.5,1.5,9.12N;82.59W,h1km,ML3.7,MW3.4,
Presumed earthquake

CATAC 21 04:51:17.8,0.3,9.12N;82.59W,h1km,ML3.7/MW3.4,
MLV3.7/14, Error ellipse: s-maj=4.7km s-min=2.9km
az=56.4, confirmed

ISC 21 04:51:16.2,0.9,9.18N;0.02,82.61W;0.02,h12km,7km,
n129,of141/181,14C-SD, Panama-Costa Rica border
region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CN12 El Empalme, Bo, CN12 El Empalme, Bo, ALCO Alturas Coton, etc.

KEV	Kevo	7.90 99 eP	Pn	08 04 41.6 +0.1
VADS	Vadso	8.43 94 eP	Pn	08 04 48.2 -0.3
VADS	Vadso	8.43 94 eP	Pn	08 04 48.4 -0.3
VADS				08 04 50.6
NSS	Namsos	8.51 156 eP	Pn	08 04 51.5 +1.8
NSS				08 04 52.8
NSS				08 06 20.0 -5.7
APAO	Apafity Array	10.93 102 Pn	Sn	08 05 21.7 -1.2
APAO	Apafity Array	10.93 102 Pn	Pn	08 05 21.7 -1.2
NOA	NORSAR Array B	11.84 163 Pn	Pn	08 05 36.1 +0.7
NOA				08 10 10.7
BORG	Borgarnes	11.98 242 LR	LR	08 09 09.3
NRAO	NORESS Array S	12.17 162 Pn	Pn	08 05 40.5 +0.6
NRAO				08 07 46.6 -8.8
NRAO	NORESS Array S	12.17 162 Pn	Pn	08 05 40.5 +0.6
NRAO				08 07 46.6 -8.8
HFS	Hagfors	12.98 158 Pn	Pn	08 05 51.9 +0.0
HFS				08 10 36.6
HFS	Hagfors	12.98 158 Pn	Pn	08 05 52.0 +1.0
HFS				08 06 03.2 -0.4
FLAO	FINES Array S	13.91 131 Pn	Pn	08 06 03.2 -0.4
FLAO	FINES Array B	13.91 131 Pn	Pn	08 06 03.2 -0.4
FINES				08 11 06.9
EKA	Eskdalemuir Ar	17.50 194 P	Pn	08 06 49.6 -0.9
KLMR	Klimovskoe	17.87 112 eP	Pn	08 06 53.2 -1.9
SFJD	Kangaroo Array	19.05 281 LR	LR	08 13 24.4
CLL	Collm	21.64 165 eP	P	08 07 40.0 +3.3
CLL				08 07 52.0
OBN	Obninsk	22.07 125 LR	LR	08 16 03.0
KIRV	Kirov	22.59 104 LR	LR	08 16 36.8
MORC	Moravac Array	23.95 160 eP	P	08 07 59.5 +2.2
VRAC	Vranov	23.95 160 eP	P	08 08 02.0 +1.4
VRAC				08 17 45.0
VRAC	Vranov	23.95 160 eP	P	08 08 03.6 +2.9
GERES	GERESS Array B	24.14 164 P	P	08 08 04.7 +2.1
GERES				08 16 57.1
AKASG	Malin Array Be	24.54 139 P	P	08 08 06.6 +0.6
AKASG				08 17 39.3
RES	Resolute Bay	24.99 322 LR	LR	08 17 57.5
DAVOX	Davos/Dischmat	25.95 171 LR	LR	08 18 38.5
FRB	Frobisher Bay	26.63 289 LR	LR	08 18 04.1
ARTI	Arti	27.09 97 LR	LR	08 19 50.5
BLG	Belogorovye	27.44 114 LR	LR	08 19 42.5
MEL	Muntele Rosu	28.16 104 LR	LR	08 20 47.2
AKTO	Aktjubinsk	32.16 104 LR	LR	08 22 29.6
ESDC	Sonsec Array	33.15 181 P	P	08 09 22.7 -0.1
SCHO	Schefferville	33.41 277 LR	LR	08 21 45.9
BVAR	Borovoye Array	33.59 89 P	P	08 09 29.1 +2.6
VAE	Valguarnera	35.49 166 LR	LR	08 24 39.4
BRTR	Keskin Array B	35.94 140 P	P	08 09 49.0 +1.8
BRTR				08 25 29.9
INK	Inuvik	36.70 335 LR	LR	08 26 41.1
KEST	Kesra	36.94 173 LR	LR	08 25 14.4
ZALV	Zalesovo Beam	37.11 75 LR	LR	08 27 47.1
GNI	Garni	38.00 126 LR	LR	08 26 03.9
KURBB	Kurchatov Arra	38.15 83 LR	LR	08 27 38.0
YKA	Yellowknife Ar	39.03 320 LR	LR	08 26 06.7
YAK	Yakutsk	40.75 36 LR	LR	08 28 44.8
MKAR	Makanchi Array	42.70 83 P	P	08 10 46.5 +3.2
MKAR				08 31 05.1
ASF	Jabal al Asfar	43.90 138 LR	LR	08 30 43.6
AAK	Ala-Archa	44.11 93 LR	LR	08 29 36.1
TLY	Talaya	44.40 61 LR	LR	08 34 26.0
DLBC	Dease Lake	45.57 328 LR	LR	08 31 31.6
ULM	Lac du Bonnet	45.79 298 LR	LR	08 30 06.3
EIL	Eilat	45.95 142 LR	LR	08 30 25.1
SADO	Sadova	46.01 281 LR	LR	08 28 44.8
MA2	Magadan	46.23 23 LR	LR	08 29 11.1
BBB	Bella Bella	51.24 324 LR	LR	08 34 04.3
NEW	Newport	52.81 314 LR	LR	08 34 24.1
SHEM	Shemya Is, Ala	54.87 7 LR	LR	08 36 24.5
TKL	Tukalochee C	55.77 280 LR	LR	08 36 27.7
PDAR	Pinedale Array	56.25 306 P	P	08 12 25.9 -1.0
PDAR				08 36 23.5
TORD	Torodi Ar, Bea	59.35 183 P	P	08 12 49.2 +0.6
ELK	Elko	59.52 310 LR	LR	08 38 05.1
YBH	Yreka Blue Hor	60.23 316 LR	LR	08 39 13.2
NVAR	Min Array Bea	62.43 312 P	P	08 13 08.7 -1.0
NVAR				08 40 38.2
ANMO	Albuquerque	62.84 300 LR	LR	08 40 30.6
KSR5	Korea Array	63.70 47 LR	LR	08 44 34.0
PFO	Pinyon Flats O	66.61 308 LR	LR	08 45 01.3

TXAR	Lajitas Array	67.41 296 P	P	08 13 41.8 -0.2
CMAR	Chiang Mai Arr	74.01 80 LR	LR	08 54 21.3
ASAR	Alice Springs	79.58 185 PKP	PKIKP	08 21 45.9 +1.2
MOS	21 08:05:39.9e, 1.1, 27:67N:53:30E, h12km, mb4.5/17, Error ellipse: s-maj=10.1km s-min=6.9km az=78.1			
IDC	21 08:05:39.9e, 1.0, 27:60N:53:23E, h2km, mb4.0/19, mbmp4.0/19, Error ellipse: s-maj=24.8km s-min=15.7km az=102.0			
TEH	21 08:15:01.7, 27:73N:53:36E, h5km, ML3.8, Presumed earthquake			
NEIC	21 08:05:42.1e, 2.0, 27:76N:10:53:24E:0.04, h10km, 2km, mb4.1/18, Error ellipse: s-maj=16.8km s-min=4.9km az=192.0			
DSN	21 08:05:42.1e, 1.5, 27:93N:53:39E, h10km, ML3.4/11, Error ellipse: s-maj=17.7km s-min=6.9km az=176.0			
OMAN	21 08:05:46.4e, 1.0, 27:50N:53:34E, h10km, mb3.78, mb3.8/20, Error ellipse: s-maj=10.1km s-min=6.3km az=172.0			
ISC	21 08:05:42.6e, 0.4, 27:71N:0:04:53:29E:0.04, h16km, n149, c1759/158, mb4.2/34, MS4.0/13, 6C, Southern Iran			
Code	Station Name	Δ° AZ°	Phase ID	Time Res H m s ISC
KHLI	Khalii_Fars	0.07 140	Op Sg	08 05 43.5 +2.3
KHLI	Qir	0.79 374	Pg Sg	08 05 45.8 -2.1
JHRM	Jahrom	0.83 18	Pg Pg	08 05 57.8 -1.0
DSBU	Dashti - Bushe	1.90 290	Pn Pg	08 06 18.9 -0.3
SHI	Shiraz	2.04 341	Pn Pb	08 06 19.6 +0.2
GENO	Geno	2.58 96	Pn	08 06 26.3 +2.4
JRN	Garnain Island	2.79 188	Pn	08 06 28.7 +2.2
SHME	Shamm	3.04 122	S S	08 06 28.7 0.0
SHME	Shamm	3.04 122	S S	08 07 08.9 +2.8
SHME	Shamm	3.04 122	P Pn	08 06 32.6 +2.5
UMQ	Um Al-Quwain	3.04 135	P Pn	08 06 34.6 +4.6
BANOH	Banah	3.23 123	P Pn	08 06 34.3 +1.6
ASUD	Al Ashush, Dub	3.23 123	P Pn	08 06 36.8 +4.1
NAZ	Nazwa, Dubai	3.45 141	P Pn	08 06 38.1 +2.4
NAZ	Nazwa, Dubai	3.45 141	P Pn	08 06 38.8 +3.1
NAZ	Naz		S S	08 07 18.6 +2.4
MASF	Masafi	3.47 132	P Pn	08 06 40.1 +4.1
MASF	SNR=7.0		S S	08 07 20.6 +3.8
MSFJ	Esma-Masafi	3.48 132	P Pn	08 06 38.2 +2.1
MSFJ	Ajban	3.49 154	P Pn	08 06 38.5 +2.3
AJUN			S S	08 07 19.7 +2.5
ASUD	Al Ashush, Dub	3.58 149	P Pn	08 06 40.2 +2.7
ASUD	Al Ashush, Dub	3.58 149	P Pn	08 05 43.0 0.0
ASUD			S S	08 07 21.3 +1.9
NGRK	Negar Kerman	3.59 57	Pn Pn	08 06 39.5 +1.6
KLNJ	Kolanjag	3.60 336	Pn Pn	08 06 41.4 +3.3
FAQ	Al Faqa, Dubai	3.61 144	P Pn	08 06 40.2 +2.4
FAQ	Al Faqa, Dubai	3.61 144	P Pn	08 06 40.8 +3.0
FAQ			S S	08 07 22.6 +2.5
MDH	Madha	3.61 131	P Pn	08 06 42.1 +4.1
MDH			S S	08 07 23.0 +2.7
GHWR	Ruwais	3.75 186	P S	08 06 42.6 +2.8
GHWR			S S	08 07 26.8 +3.1
UOSS	Minazif	3.80 136	P S	08 06 41.1 +0.6
UOSS	Minazif	3.80 136	P S	08 06 41.4 +0.9
UOSS	Minazif	3.80 136	P S	08 06 43.2 +2.6
UOSS			S S	08 07 27.0 +2.1
IMEH	Mehriz	3.84 17	Pn Pn	08 06 44.0 +2.7
HATD	Hatta, Dubai	3.85 138	P Pn	08 06 43.3 +2.1
HATD	Hatta, Dubai	3.85 138	P Pn	08 06 44.2 +3.0
HATD			S S	08 07 28.1 +2.0
KHGD	Koh Gabri	3.85 46	Pn Pn	08 06 43.4 +2.0
SLWR	Sila	3.90 202	P Pn	08 06 43.3 +1.5
ASHO	Ashtiyah	3.91 140	P Pn	08 06 43.7 +1.7
ASHO	Ashtiyah	3.91 140	P Pn	08 06 44.3 +2.2
ASHO	SNR=1.1		S S	08 07 29.7 +2.0
MZWR	Madinat Zayed	3.97 172	P S	08 06 45.1 +2.3
MZWR			S S	08 07 30.7 +1.6
TFT	Taft - Yazd	4.07 11	Pn Pn	08 06 46.8 +2.4
ALNE	Al Ain	4.26 148	P S	08 06 49.5 +2.7
ALNE			S S	08 07 37.4 +1.1
CHMN	Cheshme madani	4.30 59	Pn Pn	08 06 50.1 +2.4
ZRDN	Zarand Kerman	4.31 40	Pn Pn	08 06 49.5 +1.8
JASK	Jask - Hormozg	4.49 113	Pn Pn	08 06 51.9 +2.0
SOHO	SOHO	4.61 140	P S	08 06 53.9 +2.2
SOHO			S S	08 07 47.3 +2.5
KBAM	BAM	4.77 71	Pn Pn	08 06 55.8 +2.0
ARQ	Araqi	5.25 145	P Pn	08 07 03.0 +2.6
ARQ	SNR=8.8		S S	08 07 60.0 -0.7
UMZA	Um Al Zomool	5.26 161	P S	08 07 02.1 +1.5
UMZA			S S	08 08 00.4 -0.4
HOQ	Hoqain	5.49 138	P S	08 07 06.5 +2.8
HOQ			S S	08 08 07.7 +1.1
BIDD	Bidbid	6.04 133	P S	08 07 13.5 +2.1
BIDD			S S	08 07 20.5 +0.4
TPRV	Parvadeh/Tabas	6.06 28	Pn Pn	08 07 13.8 +2.2
BSY	Bisva	6.08 144	P Pn	08 07 14.1 +2.2
BSY	SNR=9.0		S S	08 08 21.5 +0.2
SMDO	Samad	6.33 136	P S	08 07 18.0 +2.6
SMDO	SNR=12		S S	08 08 27.4 0.0
WSAR	Wadi Sarin	6.57 132	P S	08 07 19.8 +1.3
WSAR			S S	08 07 33.2 0.0
WBK	Wadi Bani Khal	7.23 133	P S	08 07 28.2 +0.5
WBK			S S	08 08 48.5 -0.7
JLJN	Jalan Bani Buh	7.84 134	P S	08 07 36.3 +0.2
JLJN			S S	08 09 02.3 -2.3
MHTO	MHTO	7.94 146	P S	08 07 39.0 +1.6
MHTO	SNR=3.3		Pn Pn	08 07 40.9 +0.3
RAYN	Ar Rayn	8.17 241	P Pn	08 07 40.9 +0.3
RAYN	Ar Rayn	8.17 241	P Pn	08 07 41.5 +0.9
RAYN	Ar Rayn	8.17 241	P Pn	08 07 48.5 +1.1
QOM	QOM	9.09 175	P Pn	08 07 53.0 -0.1
DOK	Doka	9.09 175	P Pn	08 08 02.0 -0.4
DOK	SNR=8.0		Pn Pn	08 08 07.1 +0.6
DMTO	DMTO	10.07 171	P Pn	08 09 04.1 -0.1
GNI	Garni	14.28 333	eP Pn	08 09 14.7 +3.2
GNI	Garni	14.28 333	eP Pn	08 09 14.7 +3.2
KBL	Kabul	15.11 59	Pn Pn	08 09 15.0 -0.6
KBL			IAMB IAMB	08 09 27.0
KBL	Kabul	15.11 59	Pn Pn	08 09 15.0 -0.6
KBL			pmax pmax	
SHAA	Shahritys	15.88 48	Pn Pn	08 09 24.7 -0.8
SHAA			IAMB IAMB	08 09 32.9
KOPT	Kop Dagi	16.21 322	Pn Pn	08 09 27.5 -2.4
GAZ	Gaziantep	16.51 309	Pn Pn	08 09 33.1 -0.4
GAZ			IAMB IAMB	08 09 51.8
CHGR	Chuyangarr	17.17 47	P Pn	08 09 41.1 -0.8
CHGR			IAMB IAMB	08 09 44.9
CHGR	Chuyangarr	17.17 47	P Pn	08 09 41.1 -0.8
CHGR			pmax pmax	
GAR	Garm	18.11 47	Pn Pn	08 09 52.3 -1.3
GAR			IAMB IAMB	08 09 56.3
KIV	Kislovodsk	18.32 335	eP P	08 09 57.4 +1.3
KIV			pmax pmax	
BR13	Keskin Array B	20.21 311	P Pn	08 10 24.4 +5.5
BRTR	Keskin Array B	20.21 311	P Pn	08 10 17.8 +0.8
BRTR			pmax pmax	
BRTR	Keskin Array B	20.21 311	P Pn	08 10 16.2 -0.8
BRTR			pmax pmax	
BRTR	Keskin Array B	20.21 311	P Pn	08 10 22.5 0.0
BRTR			pmax pmax	
BRTR	Keskin Array B	20.21 311	P Pn	08 10 22.5 0.0
BRTR			pmax pmax	
BRTR	Keskin Array B	20.21 311	P Pn	08 10 23.2 +0.6

KKAR	Karatay Array	20.75 38 P	P	08 10 23.2 +0.6
AB31	Akbulak array	22.11 12 IAMB	IAMB	08 10 37.6 +0.4
AB31				08 10 45.3
ABKAR	Akbulak array	22.11 12 P	P	08 10 37.3 +0.1
AAK	Ala-Archa	22.77 44 IAMB	IAMB	08 10 44.3 +0.5
AAK				08 10 55.5
AAK	Ala-Archa	22.77 44 eP	P	08 10 45.3 +0.9
AAK			pmax pmax	
VRH	Novokhopovsk	25.04 343 eP	P	08 11 05.9 +0.1
VRH			pmax pmax	
VORD	Divnogorie	25.53 339 eP	P	08 11 10.5 +0.2
VORD			pmax pmax	
VSR	Storozhevo			

ASAR Alice Springs 92.99 115 P P 08 18 54.1 -1.5

GCG 21 08:22:25.3±1.5, 13.75N:92.45W, h17km, 14km, MD4.3, Presumed earthquake

CATAC 21 08:22:40.8, 14 N±4.9 2W±1.1, h16km, 8km, M3.6/18, MLV3.6/18, Error ellipse: s-maj=11.1km s-min=5.8km az=50.5, confirmed

MEX 21 08:22:32.0±0.6, 14.12N:92.40W, h36km, 27km, MD4.0, ISC 21 08:22:28.1±1.9, 14.02N:0.07-92.41W±0.04, h24km±15km, n40, s172/54, Near coast of Chiapas

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time h:m:s, Res ISC. Lists stations like Retalhuleu, PAVE, HUEH, UNIC, etc.

ASRS 21 08:23:47.5±0.6, 50 N±2.9 1E±1.1, h8km, MLh3.5/11, Error ellipse: s-maj=6.2km s-min=3.0km az=129.7, confirmed

NCC 21 08:24:04.0±0.7, 50.07N:89.32E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=25.9km s-min=13.9km az=92.0

ISC 21 08:23:46.9±2.2, 50.28N:0.06-91.23E±0.08, h6km±14km, n18, s146/29, 6C-6D, Tuva-Buryatia-Mongolia border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time h:m:s, Res ISC. Lists stations like Teeli, Chagan-Uzun, ULGR, etc.

ISC 21 08:45:05.1±1.0, 34.89N:25.88E, h0km, mb3.7/5, mbtmp3.7/5, Error ellipse: s-maj=786.1km s-min=47.2km az=31.0, Crete

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time h:m:s, Res ISC. Lists stations like FINES, ARCES, KURKB, etc.

ISC 21 08:58:23.1±0.4, 11.84N:86.35W, h0km, mb4.8/22, mbtmp4.8/23, MLS. 1/1, MS4.9/60, Error ellipse: s-maj=22.4km s-min=11.3km az=59.0

UCR 21 08:58:24.7±0.7, 11.50N:87.20W, h64km, 95km, MWS.9, Presumed earthquake

NEIC 21 08:58:28.5, 11.16N:87.27W, h26km, Moment Tensor Solution. Duration: 22 Moment tensor: Scale 107Nm; Mm:0.86; Mss:0.55; Mss:0.31; Mm:0.71; Mss:0.57; Mm:0.35; Fault plane solution: N1.230000x1017 NP1: 0±320.55000°, 826.20000°, 108.58000°. NP2: 0±120.02000°, 865.26000°, 181.09000°. Principal axes: T 1.1616, Plg68.0000°, Azm13.0000°; N 0.1250, Plg6.0000°, Azm124.0000°; P -1.2867, Plg20.0000°, Azm217.0000°; UPA 21 08:58:28.9±1.6, 11.33N:87.12W, h15km, MWS.1, Presumed earthquake

NEIC 21 08:58:28.0±0.2, 11.46N:0.06-86.85W±0.06, h21km±3km, mb5.9/63, MWS.3/29, Error ellipse: s-maj=9.8km s-min=7.3km az=49.0

NEIC 21 08:58:28.1, 11.46N:86.86W, h18km, CATAC 21 08:58:29.3±0.3, 11.1N±1.86:9W±0.9, h25km±2km, M5.7/66, mb5.8/1, mB5.9/1, MLV5.7/66, Mw(mB)5.5/1, MmwMps.1/1, Mwp5.3/1, Error ellipse: s-maj=2.8km s-min=1.3km az=34.1, confirmed

MOS 21 08:58:29.4±1.3, 11.63N:86.68W, h54km, mb5.4/25, M5.5/1/10, Error ellipse: s-maj=10.2km s-min=5.6km az=111.9

GFZ 21 08:58:32.3, 11.50N:86.78W, h39km, MWS.5, Moment Tensor Solution. s85 Moment tensor: Mrr:1.20; Mrr:0.04; Mss:1.24; Mss:1.24; Mss:0.71; Mss:0.71; Mss:0.71; Fault plane solution: NP1: 122.0000°, 870.0000°. NP2: 160.0000°. NP3: 1.00000°, 834.0000°, 144.00000°. Principal axes: T 2.2500, Plg54.0000°, Azm355.0000°; N -0.3400, Plg27.0000°, Azm132.0000°; P -1.9100, Plg20.0000°, Azm233.0000°

GCMT 21 08:58:32.0±0.1, 11.30N:0.01-87.12W±0.01, h30km, MWS.4/138, Moment Tensor Solution. s123,c238; s138,c237; Duration: 1s3 Moment tensor: Scale 1017 Nm; Mrr:1.29±0.02; Mss:0.87±0.02; Mss:0.42±0.02; Mm:0.76±0.03; Mm:0.77±0.01; Mm:0.72±0.03; Best double

ISC 21 08:58:30.1±0.5, 11.47N:0.03-86.87W±0.03, h52km±3km, n1176, s141/879, mb5.2/394, M5.5/0/83, 32C-25D, Near coast of Nicaragua

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time h:m:s, Res ISC. Lists stations like SAPS, ABBN, ABBN, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time h:m:s, Res ISC. Lists stations like Heredia, Bluefields, Alcaldia de, etc.

21d 8h

Table with columns: POPC, Name, Value, Unit, Status, Date, Time, etc. Includes entries like Popayan, Colom, Santiago de Cu, etc.

2020 JUN

Table with columns: W50A, W52A, TXAR, etc. Includes entries like Signal Mountai, Murphy, Cruzero do Su, etc.

1290

Table with columns: BLO, BOAV, BOAV, etc. Includes entries like Bloomington, Boa Vista, Boa Vista, etc.

Table with columns: Station ID, Name, Frequency, Band, Mode, Date/Time, and other details. Includes stations like HAYD Hayden, J61A Chester, F42A Maple Grove, etc.

Table with columns: Station ID, Name, Frequency, Band, Mode, Date/Time, and other details. Includes stations like ULM comp=Z,1.06nm,0.8s, bazz=165,slow=8.8, SNR=153, ULM comp=Z,1.9nm,0.7s, bazz=176,slow=3.0, SNR=5.7, etc.

Table with columns: Station ID, Name, Frequency, Band, Mode, Date/Time, and other details. Includes stations like PLCA Paso Flores, SJMB Sao Joao De Ma, TRQA Torquist, etc.

F31M	comp=Z,31nm,1.1s	63.84 342	P	P	09 08 56.3	-0.4
CRQE	Cirque	63.91 333	P	P	09 08 57.7	+0.2
DAWY	Dawson	63.91 337	Iamb	Iamb	09 09 07.7	
DAWY	Dawson	63.91 337	P	P	09 08 56.4	-1.0
UPNV	Upernavik	63.93 10	i P	P	09 08 55.4	-1.9
UPNV	Upernavik	63.93 10	Iamb	Iamb	09 08 56.2	
CRQM	Cirque	63.94 333	Iamb	Iamb	09 08 58.9	
BERG	Berg Lake	64.04 332	Iamb	Iamb	09 09 08.8	
M27K	Edge Creek, AK	64.09 335	P	P	09 08 58.9	+0.2
MCARA	McCarthy VSAT	64.15 334	Iamb	Iamb	09 09 12.6	
MCARA	McCarthy VSAT	64.15 334	P	P	09 08 59.6	+0.7
EPYK	Eagle Plains	64.18 340	Iamb	Iamb	09 08 59.7	
EPYK	Eagle Plains	64.18 340	P	P	09 08 58.4	-0.7
KAIM	Kayak Island	64.18 332	Iamb	Iamb	09 09 01.1	
KAIM	Kayak Island	64.18 332	P	P	09 08 59.8	+0.8
I29M	Ogilvie Camp	64.18 339	Iamb	Iamb	09 08 59.5	
I29M	Ogilvie Camp	64.18 339	P	P	09 08 58.4	-0.7
INK	Inuvik	64.31 343	LR	LR	09 04 46.4	
INK	Inuvik	64.31 343	Iamb	Iamb	09 09 00.4	
INK	Inuvik	64.31 343	P	P	09 08 59.2	-0.5
G30M	Aah Zee Nij	64.36 341	P	P	09 08 59.4	-0.8
BCAR	Beaver Creek A	64.38 336	P	P	09 08 59.7	-0.7
RAGM	Ragged Mountai	64.48 332	Iamb	Iamb	09 09 04.4	
GLB	Gilshina Butte	64.52 334	Iamb	Iamb	09 09 02.7	
M26K	Nabesna, AK	64.58 335	P	P	09 09 01.4	-0.3
F30M	Barrier River	64.58 341	P	P	09 09 01.3	-0.3
H29M	Whitestone	64.66 339	Iamb	Iamb	09 09 03.0	
H29M	Whitestone	64.66 339	P	P	09 09 02.1	-0.1
BMRM	Bremner River	64.68 333	Iamb	Iamb	09 09 03.8	
BMRM	Bremner River	64.68 333	P	P	09 09 02.8	+0.4
A36M	Sachs Harbour	64.73 348	P	P	09 09 00.7	-1.7
I28M	Miner Creek	64.81 338	P	P	09 09 02.7	-0.6
Q23K	Middletown Isla	64.90 331	P	P	09 09 03.9	+0.2
G29M	Pine Creek	64.91 340	Iamb	Iamb	09 09 04.7	
G29M	Pine Creek	64.91 340	P	P	09 09 03.5	-0.3
N25K	Chitina, Valde	64.93 334	P	P	09 09 04.5	+0.4
K27K	Chicken	64.93 336	Iamb	Iamb	09 09 05.2	
L26K	Log Cabin Wild	65.00 335	P	P	09 09 04.6	+0.2
EYAK	Cordova Ski Ar	65.03 332	Iamb	Iamb	09 09 06.3	
EYAK	Cordova Ski Ar	65.03 332	P	P	09 09 05.0	+0.4
DIV	Divide	65.26 333	Iamb	Iamb	09 09 07.4	
KULLO	Kullorsuaq	65.27 8	i P	P	09 09 04.8	-1.1
KULLO	Kullorsuaq	65.27 8	Iamb	Iamb	09 09 07.4	
HIN	Hinchinbrook I	65.32 332	Iamb	Iamb	09 09 20.4	
KLU	Klutina	65.47 333	Iamb	Iamb	09 09 10.2	
KLU	Klutina	65.47 333	P	P	09 09 07.7	+0.1
HARP	HAARP	65.49 334	Iamb	Iamb	09 09 20.3	
HARP	HAARP	65.49 334	P	P	09 09 07.6	-0.1
I27K	Kandik River	65.50 338	Iamb	Iamb	09 09 19.7	
I27K	Kandik River	65.50 338	P	P	09 09 07.7	+0.1
P23K	Montague Istan	65.60 331	P	P	09 09 08.2	-0.2
SCRK	Sand Creek	65.67 336	P	P	09 09 08.9	0.0
E29M	Blow River	65.68 342	Iamb	Iamb	09 09 12.3	
E29M	Blow River	65.68 342	P	P	09 09 08.5	-0.2
H27K	Steamboat Moun	65.77 339	P	P	09 09 09.4	0.0
TULEG	Thule	65.77 5	i P	P	09 09 07.0	-2.1
TULEG	Thule	65.77 5	Iamb	Iamb	09 09 09.2	
GLI	Glacier Island	65.77 332	P	P	09 09 09.6	+0.2
M24K	Tolsona, Glenn	65.82 334	Iamb	Iamb	09 09 22.9	
M24K	Tolsona, Glenn	65.82 334	P	P	09 09 09.9	+0.1
PAX	Paxson	65.85 335	Iamb	Iamb	09 09 10.7	
PAX	Paxson	65.85 335	P	P	09 09 09.6	-0.4
F28M	Old Crow	65.89 340	Iamb	Iamb	09 09 12.6	
F28M	Old Crow	65.89 340	P	P	09 09 09.9	-0.2
RIDG	Independent Ri	65.91 336	Iamb	Iamb	09 09 11.5	
RIDG	Independent Ri	65.91 336	P	P	09 09 10.3	-0.1
I26K	Coal Creek Min	65.93 337	P	P	09 09 10.1	-0.2
G27K	Doyon Strip	66.09 339	P	P	09 09 10.8	-0.6
SCM	Sheep Creek Mo	66.22 333	Iamb	Iamb	09 09 23.6	
SCM	Sheep Creek Mo	66.22 333	P	P	09 09 12.0	-0.4
E28M	Babbage River	66.30 341	Iamb	Iamb	09 09 13.0	
E28M	Babbage River	66.30 341	P	P	09 09 11.9	-0.8
K24K	Donnelly Dome	66.31 335	P	P	09 09 12.8	-0.1
M23K	Glacier View	66.38 333	P	P	09 09 13.0	-0.4
D28M	Stokes Point	66.45 342	P	P	09 09 13.5	0.0
J25K	Salcha River,	66.48 336	Iamb	Iamb	09 09 15.0	
J25K	Salcha River,	66.48 336	P	P	09 09 13.9	-0.1
KNK	Knik Glacier	66.58 333	Iamb	Iamb	09 09 15.5	
KNK	Knik Glacier	66.58 333	P	P	09 09 14.3	-0.4
SEW	Seward	66.60 331	Iamb	Iamb	09 09 24.7	
SEW	Seward	66.60 331	P	P	09 09 14.3	-0.5
SML	Sawmill	66.66 333	Iamb	Iamb	09 09 24.9	
SML	Sawmill	66.66 333	P	P	09 09 14.7	-0.5
WAT6	Susitna Watana	66.67 334	P	P	09 09 14.6	-0.7
DHY	Denali Highway	66.70 334	P	P	09 09 14.7	-0.8
E27K	Coleen River	66.75 341	P	P	09 09 15.2	-0.3

PMOZ	baz=120,SNR=20	66.84 59	eLR	LR	09 30 05.7	
PMOZ	Porto Moniz, M	66.84 59	IAMS_20	IAMS_20	09 37 14.4	
G26K	comp=Z,1µm,18.0s	66.90 339	Iamb	Iamb	09 09 17.2	
G26K	Porcupine Rive	66.90 339	P	P	09 09 16.2	-0.3
GHO	Porcupine Rive	66.91 333	Iamb	Iamb	09 09 18.9	
PRP	Porcupine Dome	66.92 337	Iamb	Iamb	09 09 17.5	
PRP	Porcupine Dome	66.92 337	P	P	09 09 16.5	-0.4
PMR	Palmer	66.94 333	P	P	09 09 16.3	-0.5
HDA	Harding Lake	67.03 336	Iamb	Iamb	09 09 17.9	
HDA	Harding Lake	67.03 336	P	P	09 09 16.9	-0.5
RC01	Rabbit Creek A	67.05 332	Iamb	Iamb	09 09 18.5	
RC01	Rabbit Creek A	67.05 332	P	P	09 09 17.4	-0.2
D27M	Malcolm River	67.08 342	Iamb	Iamb	09 09 18.5	
D27M	Malcolm River	67.08 342	P	P	09 09 17.5	-0.2
SLKM	Skliak Lake	67.09 331	Iamb	Iamb	09 09 19.5	
WAT1	Susitna Watana	67.11 334	P	P	09 09 17.4	-0.6
BRSE	Bradley Lake S	67.11 330	P	P	09 09 17.9	-0.1
ILAR	Eielson Array	67.14 336	P	P	09 09 17.4	-0.7
ILAR	Eielson Array	67.14 336	PP	PP	09 11 45.4	-1.1
ILAR	Eielson Array	67.14 336	LR	LR	09 42 00.2	
ILAR	Eielson Array	67.14 336	P	P	09 09 17.7	-0.4
BRLK	Bradley Lake	67.19 330	Iamb	Iamb	09 09 19.0	
FYU	Fort Yukon	67.25 338	Iamb	Iamb	09 09 19.7	
CNPM	China Poot	67.29 330	Iamb	Iamb	09 09 19.6	
F26K	Sheenjek River	67.36 340	Iamb	Iamb	09 09 20.5	
F26K	Sheenjek River	67.36 340	P	P	09 09 19.6	+0.1
SUMG	Summit	67.39 14	Iamb	Iamb	09 10 10.7	
SUMG	Summit	67.39 14	i P	P	09 09 18.0	-2.1
SUMG	Summit	67.39 14	Iamb	Iamb	09 09 19.4	
M22K	Willow	67.44 333	P	P	09 09 19.5	-0.5
KDAK	Kodiak Island	67.49 328	LR	LR	09 40 00.1	
KDAK	Kodiak Island	67.49 328	Iamb	Iamb	09 09 21.0	+0.6
KDAK	Kodiak Island	67.49 328	P	P	09 09 21.0	+0.6
KDAK	Kodiak Island	67.49 328	Pmax	Pmax	09 09 21.0	+0.6
KDAK	Kodiak Island	67.49 328	P	P	09 09 20.3	-0.1
WRH	Wood River Hill	67.51 336	Iamb	Iamb	09 09 20.8	
HOM	Homr	67.52 330	P	P	09 09 20.4	-0.2
COLA	College	67.56 336	P	P	09 09 20.1	-0.7
COLA	College	67.56 336	Iamb	Iamb	09 09 22.1	
COLA	College	67.56 336	i P	P	09 09 19.5	-1.2
COLA	College	67.56 336	Pmax	Pmax	09 09 20.1	-0.7
MCK	McKinley	67.59 335	Iamb	Iamb	09 09 21.8	
MCK	McKinley	67.59 335	P	P	09 09 20.7	-0.3
CAPN	Captain Cook N	67.61 331	P	P	09 09 20.8	-0.3
G25K	Bearman Lake	67.65 338	P	P	09 09 21.6	+0.3
CUT	Chulitna	67.71 333	P	P	09 09 21.4	-0.3
OHAK	Old Harbor	67.72 327	P	P	09 09 21.9	0.0
F25K	Christian River	67.83 339	Iamb	Iamb	09 09 23.9	
F25K	Christian River	67.83 339	P	P	09 09 22.9	+0.4
USHA	Ushuaia	67.86 169	LR	LR	09 33 22.7	
H24K	Noodor Dome	67.94 337	P	P	09 09 24.0	
H24K	Noodor Dome	67.94 337	P	P	09 09 22.9	-0.3
NEA2	Nenana	67.95 336	Iamb	Iamb	09 09 23.6	
NEA2	Nenana	67.95 336	P	P	09 09 22.5	-0.7
L22K	Petersville	67.97 333	P	P	09 09 22.9	-0.6
E25K	Arctic Village	68.03 340	Iamb	Iamb	09 09 24.9	
E25K	Arctic Village	68.03 340	P	P	09 09 23.9	+0.1
SII	Sitkinan Island	68.05 327	P	P	09 09 24.1	+0.1
TRF	Thorofare Moun	68.06 334	Iamb	Iamb	09 09 27.3	
TRF	Thorofare Moun	68.06 334	P	P	09 09 23.7	-0.4
C27K	Jago River	68.11 342	P	P	09 09 24.2	0.0
G20K	Slope Mountain	68.12 338	Iamb	Iamb	09 09 24.2	-0.2
O24K	Hadweencriv Riv	68.12 338	Iamb	Iamb	09 09 25.0	
G24K	Hadweencriv Riv	68.12 338	P	P	09 09 24.6	+0.3
SKT	Skwentna	68.15 333	Iamb	Iamb	09 09 24.7	
SKT	Skwentna	68.15 333	P	P	09 09 24.3	-0.2
SKT	Skwentna	68.15 333	Iamb	Iamb	09 09 25.6	
I23K	Minto, Yukon-K	68.26 336	P	P	09 09 25.2	+0.1
RED	Redoubt Volcan	68.28 331	Iamb	Iamb	09 09 28.4	
P19K	Oil Pt	68.30 330	P	P	09 09 25.3	-0.2
P19K	Oil Pt	68.31 246	LR	LR	09 32 37.5	
Q19K	Cape Douglas,	68.32 329	P	P	09 09 25.6	-0.1
ILSW	Iliamna Southw	68.34 330	Iamb	Iamb	09 09 30.2	
KTH	Kantishna Hill	68.36 334	Iamb	Iamb	09 09 26.3	
NEEM	North Greenlan	68.49 8	i P	P	09 09 24.4	-2.4
NEEM						

Table with columns: Station ID, Name, Frequency, Mode, Power, and other technical details. Includes stations like L16K, E20K, J17K, H18K, etc.

Table with columns: Station ID, Name, Frequency, Mode, Power, and other technical details. Includes stations like KIWB, SPITS, NC20A, NA001, etc.

Table with columns: Station ID, Name, Frequency, Mode, Power, and other technical details. Includes stations like TIXI, Tiksi, PET, etc.

21d 9h

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Stephens Creek, Lanzhou, Alice Springs, etc.

CATAC 21 09:05:56.4-0.8, 14°N, 6°9'1W, h18km, Mb3.4/13, ML3.4/13, Error ellipse: s-maj=13.5km s-min=5.6km az=25.8, confirmed

CGC 21 09:05:57.9-2.0, 13°67'N, 91°08'W, h33km, 1.7km, MD3.8, ML3.6, Presumed earthquake

SNET 21 09:05:59.0-0.8, 13°91'N, 90°92'W, h23km, 7km, ML3.3, Presumed earthquake

ISC 21 09:05:58.8-2.3, 13.7°N, 01°91.02'W, 0.05, h33km, 4km, n37, s=1937/53, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Fg8, Fg16, STG5, etc.

IDC 21 09:14:02.8-1.3, 34°16'N, 25°85'E, h0km, mb3.6/8, mbtmp3.6/11, ML3.0/3, Error ellipse: s-maj=25.3km s-min=20.5km az=10.0

THE 21 09:14:08.6, 34°N, 22°2'6E, 1.2, h13km, 23km, M2.77, MLh2.77

ATH 21 09:14:11.0, 34°44'N, 25°69'E, h20km, 6km, ML2.6/7, Latitude uncertainty: 0.6km; Longitude uncertainty: 3 km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like ZKR, Zakros.

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Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like NPS, Neapolis, SIVA, etc.

IDC 21 09:20:53.5-2.8, 46.04°N, 151°86'E, h0km, mb3.8/5, mbtmp3.6/2.7, Error ellipse: s-maj=37.2km s-min=35.6km az=15.0, Kuril Islands

PETK Petropavlovsk- 8.03 26 Pn Pn 09 22 51.4 +0.1

H1N2 WAKE ISLAND Hy 29.01 150 T T 09 58 17.6

H1N1 WAKE ISLAND Hy 29.02 150 T T 09 58 29.3

H1N3 WAKE ISLAND Hy 29.03 150 T T 09 58 23.8

H1S1 WAKE ISLAND Hy 30.08 151 T T 10 00 18.8

H1S3 WAKE ISLAND Hy 30.08 151 T T 09 59 41.3

H1S2 WAKE ISLAND Hy 30.09 151 T T 09 59 46.0

KIRV Kirov 57.82 323 LR LR 09 57 09.4

FINES FINES Array B 64.31 334 P P 09 31 30.3 +0.1

PDAR Piedra Array 65.87 53 P P 09 31 41.0 0.0

NOA NORSTAR Array B 68.62 341 P P 09 31 57.4 -0.5

HFS Hagfors 68.82 339 P P 09 31 59.3 +0.2

TXAR Lailas Array 78.60 60 P P 09 32 57.3 +0.1

MAN 21 09:33:00.0, 10°25'N, 125°92'E, h22km, MS3.6

IDC 21 09:33:11.6, 14.0, 10°16'N, 125°83'E, h170km, 140km, mb3.4/9, mbtmp3.8/9, MS2.8/1, Error ellipse: s-maj=56.0km s-min=16.0km az=56.0

ISC 21 09:32:57.9-1.5, 10°35'N, 0°05.126°E, 0.06, h30km, 12km, n32, s=1939/39, mb3.8/9, Philippine Islands region

SCPH Surigao 0.76 222 P P 09 33 12.7 0.0

MSLP Maasin 1.15 259 P P 09 33 19.1 +1.1

WRA Warramunga Arr 31.20 165 P P 09 39 13.1 -1.6

ASAR Alice Springs 34.68 167 P P 09 39 44.0 -1.0

1294

Table with columns: Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like SONM, MKAR, KURBS, etc.

IDC 21 09:40:04.0-1.1, 32°84'N, 98°85'E, h0km, mb3.6/7, mbtmp3.6/9, ML3.8/2, MS2.9/1, Error ellipse: s-maj=33.2km s-min=18.7km az=50.0

NEIC 21 09:40:07.5-1.9, 33°08'N, 0°06.98'88E, 0.07, h10km, 1km, mb4.1/13, Error ellipse: s-maj=12.9km s-min=7.8km

ISC 21 09:40:10.1-0.6, 33°04'N, 0°07.98'88E, 0.07, h35km, n38, s=1814/38, mb3.8/12, Qinghai

Code Station Name Azimuth Phase ID Time Res ISC h m s ISC

LZDM Lanzhou Array 4.93 52 Pn Pn 09 41 23.0 +1.0

ZIRO ZIRO 7.00 220 eP Pn 09 41 53.8 +3.5

LSHA Lhasa 7.39 245 Pn Pn 09 41 56.8 +0.8

MOKO MOKOCHONG 7.69 211 eP Pn 09 42 02.2 +2.5

TEZP TEZPUR 8.29 221 eP Pn 09 42 09.3 +1.4

KOHI Kohima 8.39 211 Pn Pn 09 42 09.4 0.0

ENH Enshi 9.45 104 Pn Pn 09 42 24.3 +0.5

SHL Shillong 9.62 221 Iamb Iamb 09 42 26.4 +0.1

SHL Shillong 9.62 221 Iamb Iamb 09 42 31.2

SHL Shillong 9.62 221 Iamb Iamb 09 44 12.3 -0.9

SHL Shillong 9.62 221 Iamb Iamb 09 44 18.8

EVN Evin 11.56 247 Pn Pn 09 42 53.8 +0.5

CMAR Chiang Mai Arr 14.52 180 Pn Pn 09 43 33.6 +0.5

CMAR Chiang Mai Arr 14.52 180 Pn Pn 09 43 33.6 +0.5

ULB Ulanbator 16.05 20 Pn Pn 09 49 45.2

CMAR Chiang Mai Arr 16.32 263 eP Pn 09 43 52.4 -0.8

PTH Pithoragarh 16.32 263 eP Iamb Iamb 09 44 02.8

WUSH Wushi 17.64 303 Iamb Iamb 09 44 13.2 0.0

WUS Wushi 17.64 303 Iamb Iamb 09 44 19.8

MKAR Makanchi Array 18.67 322 P P 09 44 26.4 +0.7

MKAR Makanchi Array 18.67 322 P P 09 44 26.4 +0.7

DMR DHARAMSHALA 19.03 274 eP Pn 09 44 29.6 -0.6

DMR DHARAMSHALA 19.03 274 eP Pn 09 44 29.6 -0.6

KDJ Kojima 19.40 304 P P 09 44 32.1 -1.2

KURBS Kurchatov Arr 20.38 326 P P 09 45 12.9 +0.4

ZAAO Zalesovo Array 23.18 339 P P 09 45 13.2 -0.2

ZAAO Zalesovo Array 23.18 339 P P 09 45 19.4

ZAAO Zalesovo Beam 23.18 339 P P 09 45 13.1 -0.3

ZAAO Zalesovo Beam 23.18 339 P P 09 45 13.1 -0.3

ZALV Zalesovo Beam 23.80 293 P P 09 45 31.6

ZALV Zalesovo Beam 23.80 293 P P 09 45 31.6

GAR Garm 23.80 293 P P 09 45 31.6

GAR Garm 23.80 293 P P 09 45 31.6

KSAR Karatay Array 24.05 71 P P 09 45 22.5 +0.5

KSRK Karatay Array 24.05 71 P P 09 45 22.5 +0.5

KK31 Karatay Array 24.39 303 P P 09 45 26.2 +1.2

KK31 Karatay Array 24.39 303 P P 09 45 26.2 +1.2

KKAR Karatay Array 24.39 303 P P 09 45 25.2 +0.1

WRA Warramunga Arr 62.63 142 P P 09 50 29.6 -1.6

WRA Warramunga Arr 62.63 142 P P 09 50 29.6 -1.6

GEC2 GERESS Array B 63.00 312 P P 09 50 33.7 +0.3

GEC2 GERESS Array B 63.00 312 P P 09 50 33.7 +0.3

C19K Lookout Ridge 63.50 23 P Iamb Iamb 09 50 37.6 +1.2

C19K Lookout Ridge 63.50 23 P Iamb Iamb 09 50 37.6 +1.2

M1K Mekoryuk 64.21 33 P P 09 50 40.0 -1.0

ASAR Alice Springs 65.54 145 P P 09 50 48.4 -1.8

J20K Novinta River 67.64 27 P Iamb Iamb 09 51 03.9 +0.8

J20K Novinta River 67.64 27 P Iamb Iamb 09 51 03.9 +0.8

SCO Schwabensund 68.51 342 P P 09 51 08.3 -0.2

G2AK Hadwenzri River 68.67 23 P P 09 51 09.6 +0.1

ILAR Eielson Array 69.97 25 P P 09 51 17.1 -0.5

ILAR Eielson Array 69.97 25 P P 09 51 17.1 -0.5

NNC 21 09:45:02.8-0.3, 43°09'N, 75°16'E, h2km, 3km, mb2.6, mpv2.6, Error ellipse: s-maj=3.1km s-min=1.6km az=152.0

KNET 21 09:45:02.9-0.4, 43°07'N, 75°15'E, h17km, 2km, ml1.2, Error ellipse: s-maj=2.9km s-min=1.7km az=19.0

SOME 21 09:45:03.3, 43°10'N, 75°15'E, h15km, 11C-5D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like CHMS, M1K, ASAR, etc.

Table with columns for station ID, name, elevation, and other data. Includes stations like KSH2, KURK, KURK, KURB, GAMB, AAK, M11K, SDPT, CHNA, M13K, K13K, S14K, TNA, DZA, O14K, N14K, L14K, M14K, ANM, F14K, KK31, KK31, KK31, KKAR, O15K, M15K, L15K, IUG, IUG, IUG, N15K, K15K, CHGR, G15K, CHM, CHM, F15K, RAR, R16K, P16K, N16K, O16K, H16K, M16K, L16K, I16K, CHIR, CHIR, CHIR, R17L, G16K, I17K, O16K, C16K, O17K, P17K, Q17K, N17K, L17K, BVAR, BORK, BORK, BORK, J17K, M17K, M17K, K17K, K17K, G17K, D17K, H17K, H17K, F17K, F17K, F17K, SII, E17K, RDOG.

Table with columns for station ID, name, elevation, and other data. Includes stations like Q18K, P18K, C17K, N18K, O18K, L18K, M18K, H18K, E18K, E18K, O18K, H18K, F18K, G18K, O19K, Q19K, C18K, C18K, L18K, N19K, N19K, GCSA, KDAK, KDAK, L19K, L19K, L19K, M19K, J19K, J19K, F19K, F19K, G19K, G19K, H19K, H19K, A19K, C19K, C19K, O20K, O20K, K20K, K20K, M20K, J20K, HOM, I20K, H20K, SPCR, F20K, E20K, BRSE, CAPN, PPLA, SKT, SKT, SKT, CAST, CHUM, B20K, SLKM, G21K, H21K, L22K, O22K, F21K, I21K, SEW, M22K, M22K, KTH, RC01, C21K, CUT, E21K, B21K, TRF, H22K, PMR, PMR, MLY, F22K, F22K, G22K, KNK.

Table with columns for station ID, name, elevation, and other data. Includes stations like SML, B22K, WAT1, MCK, P23K, I23K, NEA2, H23K, G23K, M23K, COLD, WAT6, GLI, SCM, D23K, Q23K, DHY, E23K, COLA, COLA, COLA, COLA, C23K, TOLK, H24K, EYAK, EYAK, M24K, HDA, KLU, E24K, ILAR, ILAR, F24K, G24K, D24K, C24K, K24K, PAX, HARP, AB31, AB31, KAIM, B25K, B25K, SVE, SVE, SVE, N25K, J25K, G25K, RIDG, F25K, F25K, D25K, VRDI, VRDI, E25K, SCRR, CRQE, MCAR, L26K, PPT, M26K, F26K, G26K, C26K, I26K, ARTI, ARTI, ARTI, ARTI, AKTO, M27K, C27K, I27K, BVCY, H27K, G27K, YUK3, PINM, E27K, O28M, D27M, I28M, DAWY, F28M, BRWY, E28M.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like YUKA, O29M, M29M, M29M, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like ARCES, OBN, YKA, RES, YBH, FINES, MAW, NVAR, AKASG, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like MORE, BRDH, IMP, BELO, AGT, KOHI, MOKO, SHL, TEZP, GUWA, CHAO, CMAR, BOK, RAMN, GAYA, JERN, JIRN, GUN, PKI, PKI, PKIN, DMN, BLS, ENH, PALK, WUS, TARG, KDJ, DRK, MKAR, MKAR, KURK, AB31, INU, JGF, TIXI, WBO, WRA, ASAR, ASAR, MLR, BURAR, ARCES, INKA, INKA, HFS, etc.

ADC 21 10:10:12.6, 2.21, 92N, 94.82E, h118km, 25km, mb3.47, m1btp3.8, 9, Error ellipse: s-maj=42.6km s-min=13.6km az=41.0

az=212.0 NDI 21 10:10:16.7, 2.7, 21.91N, 94.68E, h120km, ML4.0, MW4.0, Presumed earthquake ISC 21 10:10:15.6-0.7, 2.1, 92N, 0.07-94.56E, 0.06, h150km, m6.6, c204/74, mb4.0/18, Myanmar

21d 10h

Table with columns for station name, frequency, power, and other technical details. Includes stations like PSZ Alice Springs, AS31 Alice Springs, ASAR Alice Springs, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like PATS Pohnpai, PVCC Panska Ves, PVCC Panska Ves, etc.

130Z

Table with columns for station name, frequency, power, and other technical details. Includes stations like SNART Snartemo, HLG Helgoland, FUORN Ofenpass-Fuorn, etc.

D23K	comp=Z,101nm,21.4s,baz=61,slow=33 Nanushuk River baz=302,SNR=33	76.79	19	P	P	10 58 12.6	+0.9
GCSA	Galena City Sc baz=298	76.81	24	P	P	10 58 12.6	+0.8
F21K	Alatina River baz=300,SNR=14	76.81	22	P	P	10 58 12.1	+0.3
N14K	Kuskokwak Cree baz=295	76.96	30	P	P	10 58 13.2	+0.5
C24K	Franklin Bluff baz=304	76.96	18	P	P	10 58 13.1	+0.5
UNV	Unalaska Valle baz=292	76.98	37	P	P	10 58 13.1	+0.1
M15K	Kasigluk River baz=296	77.08	29	P	P	10 58 14.2	+0.8
F22K	John River baz=302	77.10	21	P	P	10 58 14.5	+0.7
L16K	Owhat River baz=295	77.16	28	P	P	10 58 14.0	+0.2
G21K	Allakaket baz=300,SNR=8.7	77.16	22	P	P	10 58 14.4	+0.4
H20K	Antoleneega Mo baz=300,SNR=5.2	77.19	23	P	P	10 58 14.8	+0.8
K17K	Iditarod baz=297,SNR=7.0	77.19	27	P	P	10 58 15.0	+0.8
D24K	Happy Valley baz=301	77.25	19	P	P	10 58 15.6	+1.0
TOLK	Toolik Lake Re baz=304,SNR=18	77.31	19	P	P	10 58 15.4	+0.5
IMAR	Indian Mountai Donlin baz=297	77.35	23	P	P	10 58 15.4	+0.5
L17K	Donlin baz=297	77.46	27	P	P	10 58 17.1	+0.9
N15K	Kwethluk River baz=296	77.57	29	P	P	10 58 17.7	+1.2
E22K	Chandalar baz=304,SNR=10	77.62	20	P	P	10 58 17.2	+0.8
G23K	Bettles baz=302	77.63	21	P	P	10 58 17.8	+1.1
J19K	Poorman baz=299,SNR=5.0	77.65	25	P	P	10 58 17.8	+1.1
I20K	Naaghteneel baz=300	77.69	24	P	P	10 58 17.5	+0.7
M16K	Timber Creek baz=297	77.69	28	P	P	10 58 18.5	+0.9
H21K	Melozitna Rive H21K	77.85	23	P	IAMB	10 58 18.5	+0.9
H21K	Melozitna Rive baz=301,SNR=21	77.85	23	P	P	10 58 18.3	+0.8
D25K	Kavik River baz=300,SNR=5.2	77.86	18	P	IAMB	10 58 18.3	+0.8
D25K	Kavik River baz=306	77.86	18	P	P	10 58 18.5	+0.8
COLD	Coldfoot baz=303	77.89	21	P	P	10 58 18.6	+0.8
ARMA	Armidale baz=305	77.91	131	P	P	10 58 18.0	-0.6
E24K	Your Creek baz=305	77.96	20	P	P	10 58 19.0	+0.7
N16K	Nishik Lake baz=297	78.02	29	P	P	10 58 19.5	+0.7
L18K	Granite Mounta baz=299	78.09	27	P	P	10 58 19.7	+0.7
J20K	Nowinta River baz=300	78.12	24	P	P	10 58 20.4	+1.2
M17K	Holitna River baz=298	78.17	28	P	P	10 58 20.5	+1.0
H22K	Ishaitlita Cre baz=302,SNR=8.5	78.23	22	P	P	10 58 20.4	+0.5
G23K	Bananza Creek baz=304,SNR=8.0	78.24	21	P	P	10 58 20.9	+1.1
G23K	Bananza Creek baz=304,SNR=8.0	78.24	21	P	P	10 58 20.9	+1.1
I21K	Tanana baz=302,SNR=6.5	78.40	23	P	P	10 58 21.9	+1.2
C27K	Jago River baz=309,SNR=7.3	78.42	17	P	P	10 58 20.8	-0.4
SUMG	Summit baz=309,SNR=7.3	78.43	347	I	IAMB	10 58 22.2	+1.1
F24K	Squaw Lake baz=305,SNR=9.7	78.47	20	P	P	10 58 21.5	+0.4
F24K	Squaw Lake baz=305,SNR=9.7	78.47	20	P	P	10 58 22.2	+1.1
TOO	Toolana River comp=Z,6.4nm,1.1s	78.51	140	P	P	10 58 22.3	-0.4
K20K	Telida baz=301	78.57	25	P	P	10 58 22.9	+1.2
N17K	Nushagak Hills baz=295	78.69	28	P	P	10 58 23.3	+0.9
O16K	Kokwok River B baz=298	78.73	29	P	P	10 58 23.1	+0.5
M18K	Stony River baz=301	78.80	27	P	P	10 58 24.1	+1.1
E25K	Arctic Village baz=307,SNR=7.0	78.82	19	P	P	10 58 24.1	+0.7
L19K	White Mountain baz=300	78.86	26	P	P	10 58 24.1	+0.7
H23K	Yukon River baz=304	78.89	22	P	P	10 58 24.1	+0.7
MLY	Manley baz=303,SNR=14	78.92	23	P	P	10 58 24.3	+0.6
CHUM	Lake Minchum baz=302	78.97	24	P	P	10 58 25.1	+1.3
P16K	Nushagak River baz=298	79.04	30	P	P	10 58 25.1	+0.8
G24K	Hadweenic Riv baz=306,SNR=7.7	79.08	21	P	P	10 58 24.9	+0.5
O17K	Koliganek Bris baz=299	79.09	29	P	P	10 58 25.8	+1.2
F25K	Christian River baz=307,SNR=16	79.12	19	P	P	10 58 26.1	+1.4
N18K	Kilae Creek baz=300	79.17	28	P	P	10 58 26.0	+1.0
M19K	Big River Lodg baz=301	79.19	26	P	P	10 58 26.2	+1.1
CAN	Canberra baz=309,SNR=5.7	79.19	136	P	P	10 58 25.1	-0.4
CAST	Castle Rocks baz=302,SNR=13	79.30	25	P	P	10 58 26.7	+1.0
I23K	Minto, Yukon-K baz=304	79.34	22	P	P	10 58 26.8	+1.0
D27M	Malcolm River baz=311	79.42	17	P	P	10 58 27.3	+1.1
H24K	Noodor Dome baz=305,SNR=5.7	79.45	21	P	P	10 58 27.3	+0.8
G25K	Bearman Lake baz=307	79.48	20	P	P	10 58 28.0	+1.5
F26K	Sheenjek River baz=308,SNR=13	79.51	19	P	P	10 58 28.4	+1.6
PPLA	Purkeyville baz=302	79.54	25	P	P	10 58 27.8	+0.6
SDPT	Sand Point baz=297	79.55	34	P	P	10 58 26.2	-0.9
SDPT	Sand Point baz=297	79.55	34	P	P	10 58 28.5	+1.4
S14K	Fog Glacier baz=297	79.58	33	P	P	10 58 28.3	+0.8
P17K	Kvichak River baz=299	79.67	29	P	P	10 58 28.4	+0.7
N19K	Bonanza Creek comp=Z,38nm,1.6s	79.70	27	P	IAMB	10 58 28.6	+0.5
N19K	Bonanza Creek baz=301	79.70	27	P	P	10 58 28.8	+0.7
M20K	Styx River baz=302	79.71	26	P	P	10 58 28.5	+0.9
NEA2	Nenana baz=305,SNR=9.4	79.76	23	P	P	10 58 28.5	+0.3
Q16K	King Salmon baz=299	79.82	30	P	P	10 58 29.7	+1.1
O18K	Koktuh Hills baz=300	79.88	28	P	P	10 58 30.0	+1.1
E27K	Coleen River baz=311,SNR=5.6	79.94	18	P	P	10 58 30.4	+1.3
R16K	Pilot Point baz=299	79.94	31	P	P	10 58 30.3	+1.1
D28M	Stokes Point baz=313	79.95	16	P	P	10 58 30.6	+1.5
TRF	Thorofare Moun baz=304	79.96	24	P	P	10 58 30.4	+0.9
COLA	College comp=Z,9.0nm,1.1s	80.02	22	I	PMAX	10 58 28.6	-0.9
COLA	College baz=306	80.02	22	P	P	10 58 30.7	+1.2
COLA	College baz=306	80.02	22	P	P	10 58 30.6	+1.1
G26K	Porcupine Rive baz=309	80.09	20	P	IAMB	10 58 30.9	+1.0
G26K	Porcupine Rive baz=309	80.09	20	P	P	10 58 31.0	+1.1
O19K	Port Alsworth baz=301	80.09	28	P	P	10 58 30.7	+0.7
P18K	Big Mountain, baz=300	80.11	29	P	P	10 58 30.1	-0.1
CHGN	Chitik baz=298	80.14	32	P	P	10 58 31.2	+1.0
CCB	Clear Creek Bu E28M	80.17	22	P	P	10 58 30.0	-0.3
E28M	Babbage River baz=303	80.23	17	P	P	10 58 31.6	+1.0
E28M	Babbage River baz=303	80.23	17	P	P	10 58 31.5	+0.9
ESDC	Sonsecra Array comp=Z,1.5nm,1.1s,baz=44,slow=4.6,SNR=6.3	80.23	309	P	PP	10 58 31.2	0.0
ESDC	Sonsecra Array comp=Z,4.4nm,1.0s,baz=54,slow=5.3,SNR=17	80.23	309	P	PP	10 58 43.1	-0.8
L22K	Petersville baz=304,SNR=13	80.29	25	P	P	10 58 31.6	+0.5
SKT	Skwentna baz=303,SNR=8.2	80.29	26	P	P	10 58 31.1	0.0
MCK	McKinley baz=305	80.30	23	P	P	10 58 31.6	+0.5
Q17K	Contact Creek baz=312,SNR=12	80.38	30	P	P	10 58 32.8	+1.0
ILAR	Eielson Array comp=Z,3.6nm,0.8s	80.42	22	P	LR	10 58 31.1	-0.5
ILAR	Eielson Array comp=Z,12.3nm,18.7s,baz=277,slow=39	80.42	22	P	LR	11 38 32.8	
ILAR	Eielson Array comp=Z,3.6nm,0.8s	80.42	22	P	P	10 58 31.6	-0.1
ILAR	Eielson Array comp=Z,3.6nm,0.8s	80.42	22	P	P	10 58 31.6	-0.1
PRP	Porcupine Dome baz=302	80.42	21	P	P	10 58 32.8	+0.9
Q18K	Katmai Hardscr baz=301	80.58	29	P	P	10 58 32.6	-0.2
HDA	Harding Lake baz=306	80.61	22	P	P	10 58 33.1	+0.3
F28M	Old baz=312,SNR=7.6	80.81	18	P	P	10 58 34.8	+1.0
E29M	Blow River baz=314,SNR=13	80.82	17	P	P	10 58 34.4	+0.7
G27K	Doyon Strip baz=311,SNR=8.2	80.82	19	P	P	10 58 34.5	+0.6
O20K	Slope Mountain baz=302	80.88	28	P	P	10 58 34.6	+0.3
A36M	Sachs Harbour comp=Z,30nm,0.8s	80.89	11	P	IAMB	10 58 34.6	+0.6
A36M	Sachs Harbour comp=Z,30nm,0.8s	80.89	11	P	IAMB	10 59 00.4	
A36M	Sachs Harbour comp=Z,325,SNR=11	80.89	11	P	P	10 58 34.5	+0.4
WAT1	Susitna Watana baz=305	80.96	24	P	P	10 58 35.0	+0.3
M22K	Willow baz=304	80.98	25	P	P	10 58 34.9	+0.2
J25K	Salcha River, baz=305,SNR=7.9	81.03	22	P	P	10 58 35.2	+0.1
Q19K	Cape Douglas, baz=302	81.05	29	P	P	10 58 35.6	+0.4
H27K	Steamboat Moun baz=312,SNR=13	81.24	20	P	P	10 58 37.0	+0.9
DHY	Denali Highway baz=306	81.25	24	P	P	10 58 36.6	+0.2
PBRG	Braganca I26K	81.32	312	EP	PP	10 58 49.9	+0.3
I26K	Coal Creek Min baz=301	81.33	21	P	P	10 58 37.1	+0.6
LBTB	Labatse comp=Z,103nm,18.9s,baz=62,slow=35	81.38	238	LR	LR	11 33 29.9	
LBTB	Labatse comp=Z,12nm,0.7s	81.38	238	P	IAMB	10 58 38.2	+0.6
LBTB	Labatse comp=Z,12nm,0.7s	81.38	238	P	PMAX	10 58 38.2	+0.6
W26K	Donnelly Dome baz=305,SNR=8.7	81.39	23	P	P	10 58 37.2	+0.3
K42K	Susitna Watana baz=306	81.41	24	P	P	10 58 37.6	+0.3
PMR	Palmer baz=305,SNR=5.0	81.46	25	P	P	10 58 37.7	+0.5
RC01	Rabbit Creek A baz=305	81.51	26	P	P	10 58 37.4	-0.2
HOM	Home baz=303	81.52	28	P	P	10 58 37.9	+0.3
RES	Resolut Bay comp=Z,49nm,19.5s,baz=19,slow=37	81.57	2	LR	LR	11 36 24.6	
I27K	Kandik River baz=311,SNR=19	81.63	20	P	P	10 58 38.8	+0.6
SML	Seward baz=306,SNR=7.0	81.64	25	P	P	10 58 38.7	+0.3
RIDG	Independent Ri baz=308,SNR=6.3	81.75	22	P	P	10 58 38.9	0.0
MVO	Moncorvo comp=Z,363nm,18.0s	81.78	311	EP	PP	10 58 53.0	+0.9
MVO	Moncorvo comp=Z,363nm,18.0s	81.78	311	EP	PP	11 09 17.6	
MVO	Moncorvo comp=Z,363nm,18.0s	81.78	311	EP	PP	11 13 53.0	
G29M	Pine Creek baz=315,SNR=5.7						

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CTA Charters Tower, ASAR Alice Springs, WRA Warramunga Arr, AKASG Malin Array Be, BRTR Keskin Array B.

IDC 21 12:09:26.8, 3.5615S, 151.39E, h0km, 5.7km, mb3.6/3, mbtmp3.7/5, ML3.0/4, MS3.8/5, Error ellipse: s-maj=68.3km s-min=55.9km az=126.0, New Britain region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for PMG Port Moresby, WRA Warramunga Arr, ASAR Alice Springs, FITZ Fitzroy Crossi, MJAR Matsushiro Arr, SONM Songoing Array, SEY Seymchan, TLY Talaya, KURBB Kurchatov Arr, TORD Torodi Arr.

IDC 21 12:11:59.8, 1.10, 2.94N, 128.07E, h182km, 11.1km, mb3.2/6, mbtmp3.7/6, Error ellipse: s-maj=99.7km s-min=72.4km az=66.0, Halmahera region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, MKAR Makanchi Array, KURBB Kurchatov Arr, QSPA South Pole Qui.

MEX 21 12:15:11.8, 0.4, 18.19N, 106.07W, h16km, 225km, MD4.3 IDC 21 12:15:12.6, 0.8, 16.20N, 106.67W, h0km, mb3.1/2, mbtmp3.4/5, ML3.3/3, MS3.3/8, Error ellipse: s-maj=107.8km s-min=76.8km az=140.0

ISC 21 12:15:12.8, 1.9, 18.22N, 0.1, 105.75W, 0.08, h10km, n22, a197/16, MS3.1/4, Off coast of Jalisco

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for CJM Chamela, CDAR Ciudad de Arme, CEGR Campo Tres, SOMAC Volcano de Col, INCO Avuac de Coli, ANIG Ahucatlanc, ANIG ANIG, H06S1 SOCORRO T, LPIG La Paz, CMIG Matias Romero, TXAR Lajitas Array, TXAR Lajitas Array, ANMO Albuquerque, ANMO Elieison Array, PFO Pinyon Flats O, JTS Las Juntas de, PDAR Pinedale Array, TKL Tackaleechee C, ULM Lac du Bonnet, SADO Sadowa, ILAR Elieison Array, H03N2 Juan Fernandez, H03N1 Juan Fernandez, H03N3 Juan Fernandez.

MAN 21 12:21:40.0, 2.150N, 120.48E, h32km, MS2.7 TAP 21 12:21:40.0, 2.153N, 121.06E, h36km, ML3.8, D JMA 21 12:21:43.0, 0.9, 22.1N, 3.12E, h0km, MV3.5/10, TAIWAN REGION

ISC 21 12:21:40.7, 1.2, 21.57N, 0.003, 121.04E, 0.003, h29km, 11km, n102, a196/135, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for TSEB Hengchuen, TWKBT Hengchuen, TWK1 Hengchuen, SMST Manzhou Townsh, HEN Hengchuen, LYUB Lan-yu, LAY Lan-yu, SLIU Shizi.

Main table with columns: TAW Tawu, TAW Beinan, EAST Anshuo, SCZT Fangliu, WLCB Liqiu, WLCB WLCB, TWP Hsialiuichiu, TWP TWP, SSPT Xinbi, ECL Taimali, MASBT Mashibuluo, MASBT MASBT, LDUT Ludao, LDUT LDUT, TSMG Majia, SSD Sandimen, SSD SSD, TWGBT Beinan, TWGBT Beinan, TWG Pinlang, LONT Longtian, SCST Cishan, EDH Donghe, EDH EDH, SLGT Liqiu, ECS Chishang, CHKT Chengkung, CHKT CHKT, SGST Jiashan, LDUT Lidau, STYH Taoyuan, FULB Fuli, CHKH Chenggong, CHKH CHKH, CHNI Nanshi, CHNI CHNI, TPUB Ta-pu, TPUB Ta-pu, TWK Hsinying, EYUL Yuli, TWFY Yuli, TWK Chigu Township, YULB Yu-li, YULB Yu-li, WCKO Fanlu, ICHU Yijhu, EHVH Wanrong, AL Alishan, EHY Hungye, HGSD Ruisui, WSL Shulin Townsh, WSL WSL, WDGT Dungi, WDGT WDGT, WHYT Xinyi Township, WARBT Fenglin Townsh, WTK Tuku, WTK WTK, WFK Szu, SSSL Suanglung, SSSL Suanglung, VCHM Qimei, VCHM VCHM, SHUL Shoufeng, SHUL SHUL, ESL Shin, SMLT Sun Moon Lake, TYC Yuch, PHUB Peng-hu, PHUB PHUB, OWD Renai, WUSB Renai, PNG Penghu, PNG PNG, LXIB Xiulin Townsh, WCS Beigang Elemen, WCS WCS, TWC Chiawan, WHF Hehuan Shan, NACB Ninganchiao, NACB NACB, ETLH Xiulin Townsh, FUSF Fushou, TDCB Tech, EOSA EOSA, NESA Datong, NESA Han Shihan, EOSS EOSS, LATG Datong, EOSS EOSS, NFF Wufeng Townsh, ENTT Niudou, YHNB Yeheng, YHNB Yeheng, NSK Sangung, NDS Dongshan, PACPP Pamplona Cayag, TWC Suao, KSHI Guanxi Townshi, FUSB Fushanzhiwuyua, NWLW Wulai, SKH1 Grass Mountain, SIPP Brgy, Tapao, SIPP SIPP, YVUC YVUC, IRIF Iriomote-Funau, KNMB Chin-men Tao, JKRS Kuro-shima, JKRS JKRS, PTMZ Houxiangcun, JIJ Ishigaki jima, JISG Ishigakijima, JISG JISG, AXDP Jialang.

SOME 21 12:42:22.0, 42.25N, 82.68E, h15km NNC 21 12:42:29.4, 4.0, 42.37N, 82.47E, h0km, mb3.0, mpv2.6, Error ellipse: s-maj=39.9km s-min=20.5km az=152.0

ISC 21 12:42:26.0, 3.0, 42.77N, 0.2, 82.6E, 0.1, h10km, n8, a1500/14, SC-10, Northern Xinjiang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for KTMS Ketmen, SHLS Shalkode, SHLS Shalkode, PDGG Podgomoye, PDGG Podgomoye, UZB Uzunbulak, UZB Uzunbulak, KPKS Kokpek, KPKS Kokpek, SATY Saty, SATY Saty, MK31 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array, MK31 Makanchi Array.

REY 21 12:51:41.7, 66.29N, 18.54W, h10km IDC 21 12:51:44.6, 0.8, 66.08N, 18.80W, h0km, mb3.7/10, mbtmp3.7/5, ML3.0/4, MS3.1/5, Error ellipse: s-maj=19.9km s-min=15.0km az=166.0

DNK 21 12:51:44.8, 3.4, 66.56N, 18.00W, h0km, 21.9km, ML2.7, Presumed earthquake

ISC 21 12:51:41.4, 1.0, 66.28N, 0.03, 18.48W, 0.003, h9km, 7km, n45, a196/52, mb3.7/8, Iceland region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for ISIG Siglufjorur, IBRE Brettingstaai, IBRE Brettingstaai, GRIMSEY Grimsey, IHLA Hella, IHLA IHLA, IGRA Granastaour, IGRA IGRA, IHED Heinhshofoi, IHED IHED, IHRN Hraun, IHRN IHRN, IDIM Dimmadals, IDIM IDIM, SKILDINGAHLSH Skildingahls, SKILDINGAHLSH SKILDINGAHLSH, ILEI Leirhofn, ILEI ILEI, IGHA Grjothals, IGHA IGHA, KROKOTTUVOTN Krokottuvotn, KROKOTTUVOTN KROKOTTUVOTN, IGLI Gilhagi, IGLI IGLI, IREN Reyhnilio, IREN IREN, MELNHAUSAR Melnhauser, MELNHAUSAR MELNHAUSAR, ISVA Svartartok, ISVA ISVA, IGRS Grimstaour, IGRS IGRS, IGRS IGRS, IASK Asjka, IASK IASK, IADA Adalbol, IADA IADA, IDJK Djungjukoll, IDJK IDJK, IVSH V-Sauoahnukur, IVSH IVSH, BORG Borgarnes, BORG BORG, BORG BORG, IBJK Bruarjukoll, IBJK IBJK, IHUS Husbondi, IHUS IHUS, IKAL Kalfafell, IKAL IKAL, SKCO Skootsund, SKCO SKCO, SOEG Soedalen, SOEG SOEG, SOEG SOEG, DBK Daneborg, DBK DBK, EGA Eskdalemur Arr, EGA EGA, NOA NORSAR Arr B, NOA NOA, NOA NOA, SPITS Spitsbergen Arr, SPITS SPITS, HFS Hagfors, HFS HFS, HFS HFS, ARCES ARCES Array B, ARCES ARCES, FINES FINES Array B, FINES FINES, YKA Yellowknife Arr, YKA YKA, SADO SADO, BRTR Keskin Array B, BRTR BRTR, KBZ Khabaz, KBZ KBZ, BVAR Borovoye Arr, BVAR BVAR, ILAR Elieison Array, ILAR ILAR, ZALV Zalesovo Bem, ZALV ZALV, KURBB Kurchatov Arr, KURBB KURBB, PDAR Pinedale Array, PDAR PDAR, MKAR Makanchi Array, MKAR MKAR, TORD Torodi Arr, TORD TORD.

IDC 21 12:56:08.4, 1.1, 19.15N, 121.21E, h0km, mb3.6/7, mbtmp3.6/8, ML3.5/1, MS3.0/1, Error ellipse: s-maj=61.9km s-min=18.5km az=68.0

MAN 21 12:56:09.0, 1.132N, 121.14E, h13km, MS3.5 ISC 21 12:56:09.0, 0.8, 19.18N, 0.05, 121.07E, 0.06, h0km, n22, a112/18, mb3.6/7, Philippine Islands region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes entries for SGCP Gonzaga, SIPP Brgy, Tapao, ABRA Dolores, ABRA ABRA, PALP Palanan, PALP PALP, BOLP Bolinao, PCPS Palayan City, LQP Lukan, KRSR Korea Array, SONM Songoing Array, WRA Warramunga Arr, MKAR Makanchi Array, H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, H11N1 WAKE ISLAND Hy, H11N2 WAKE ISLAND Hy, H11N3 WAKE ISLAND Hy.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ASAR Alice Springs, ZALV Zalesov Beam, MA2 Magadan, KURBB Kurchatov Arra, and BVAR Scrove Array.

IDC 21 13:01:13.9, 1.9, 33.155x177.93W, h0km, mb3.6/3, mbmp3.6/5, ML3.3/2, Error ellipse: s-maj=42.7km

WEL 21 13:01:15.9, 1.5, 33.5, 31x17.8W, 5.1, h12km, M5.0/3, ML4.7/6, MLV5.0/3, Error ellipse: s-maj=77.7km

ISC 21 13:01:13.6, 1.4, 33.003, 0.09, 177.9W, 0.2, h10km, n32, r1539/41, mb3.8/3, South of Kermadec Islands

Main station list table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like GLKZ Green Lake, WMGZ Waionatani S, HAZ Te Kaha, PUKZ Puketiti, RUGZ Raukumara Rang, etc.

KRSC 21 13:10:38.9, 0.8, 54.87N, 162.98E, h40km, 16km, M4.0, IDC 21 13:10:41.2, 2.3, 54.30N, 163.70E, h96km, 67km, mb3.2/4, mbmp3.6/5, ML2.7/1, Error ellipse: s-maj=129.0km

ISC 21 13:10:41.2, 2.1, 54.95N, 0.04, 162.97E, 0.04, h4km, 14km, n43, r1526/48, mb3.8/4, Near east coast of Kamchatka Peninsula

Main station list table for the Kamchatka region with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MKZ Mys Kozlova, KBTR Krutoberegovo, KMG Krutoberegovo, etc.

Main station list table for the Tongmen region with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like STYH Taoyuan, STYT Taoyuan, ELDTW Lidau, etc.

Main station list table for the Taiwan region with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like ETM Tongmen, LXIB Xiulin Townshi, TWK1 Hengchun, etc.

Table with columns: WRA, ILAR, NEIC, NOU, IDC, ISC. Includes station names like Warramunga Arr, Eielson Array and various parameters like time, phase, and magnitude.

Main table for the left column containing station data for WARRAMUNGA ARR, EIELSON ARRAY, VANUATU ISLANDS, etc. Columns include Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC.

Table with columns: SLKM, SONM, SONM, H17K, G19K, BELA, IMAR, ELIB, TROLL, SNA, SNA, SNA, VNA, VNA, MKAR, ZALV, ARCES, BMRD. Includes station names like Skilak Lake, Songino Array, Songo Array, etc.

Table with columns: IDC, ARCES, BMRD. Includes station names like IDC 21 13:24:36.5, ARCES Array B, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station names like URZ, ASAR, WRA, FINES.

Table with columns: IDC, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station names like URZ, ASAR, WRA, FINES.

Table with columns: AZER, AFAD, TEH, ISC, Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station names like AZER 21 13:42:24.0, AFAD 21 13:42:23.2, etc.

Main table for the middle column containing station data for AZER, AFAD, TEH, etc. Columns include Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC.

Table with columns: IDC, NEIC, ISC. Includes station names like IDC 21 13:56:46.7, NEIC 21 13:56:49.0, etc.

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station names like BR13, BR13, BRTR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station names like NOA, BVAR, MAKZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station names like KURB, KURK, MKAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station names like ARCES, HHC, QSPA, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes station names like WEL, HAZ, PUK, etc.

21d 18h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ARCES, HFS, PETK, NB2, NOA, GERES, JAY, WRA, ASAR, ILAR, TORO, YKA, QSPA, LPAZ.

IDC 21 17:41:29.6:1.9, 6.12S:106.17E, h121km, 15km, mb3.4/8, mbtmp3.9/9, Error ellipse: s-maj=37.6km s-min=16.9km az=52.0

DJA 21 17:41:31.0:0.2, 6.3S:107.0E, h90km, 3km, M4, 1/41, mb5.1/3, mb4.4/6, MLV3.9/41, Mw(m)4.5/3

ISC 21 17:41:29.4:0.8, 6.44S:109.106E, h106.11E, 0.06, h113km, 6km, n34, r139/32, mb3.5/8, Jawa

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like SBJJ, CGJJ, TNG, DBJJ, LEM, LEM, LEM, KASI, KLI, KLSI, MDSI, KPJI, MNAI, KSI, UGM, MASI, SNJI, DSRI, BARI, WRA, ASAR, H0S2, H0S3, H0S1, STKA, MKAR, H04N2, H04N1, H04N3, KURBA, BVAR, BOS, QSPA, TXAR.

IDC 21 18:01:28.6:1.2, 33.44S:177.77W, h0km, mb4.3/5, mbtmp4.3/8, ML3.8/3, MS3.1/4, Error ellipse: s-maj=42.1km s-min=24.0km az=133.0

WEL 21 18:01:33.5:1.1, 34.5S:137.17W, h181km, M4, 8/9, mb4.8/3, ML4.7/12, MLV4.9/9, Mw(m)4.1/3, Error ellipse: s-maj=27.6km s-min=8.0km az=122.8, confirmed

NEIC 21 18:01:35.6:1.6, 33.4S:0.2:178.5W, h10km, 2km, mb4.6/11, Error ellipse: s-maj=37.1km s-min=22.3km az=146.0

ISC 21 18:01:30.4:0.8, 33.37S:0.08:177.7W, h10km, n58, r123/66, mb4.6/11, 1C-1D, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GLKZ, WMGZ, HAZ, PUZ, RUGZ, RWGZ, MWZ, URZ, URZ, RIGZ, SNGZ, RTZ.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RTZ, MUZZ, RAHZ, MTHZ, TOZ, NMHZ, OUZ, BKZ, BKZ, PNHZ, LNZ, RPZ, RPZ, WKZ, WHZ, WHZ, DZM, DZM, RAR, RAR, PPT, PPT, CTAO, CTAO, INKA, INKA, COEN, COEN, AS31, ASAR, ASAR, ASAR, WRA, WRA, WRA, WRA, VNA3, VNA3, VNA2, VNA2, KSR5, KSR5, PETK, PETK, USKR, USKR, TCRU, TCRU, BVAR, BVAR, FINES, FINES, FINES, FINES, NOA, NOA, HFS, HFS, MMAL, MMAL, AKASG, AKASG, GERES, GERES.

IDC 21 18:06:19.0:0.7, 10.31N:122.67E, h0km, mb3.7/12, mbtmp3.8/13, ML4.3/1, MS3.2/13, Error ellipse: s-maj=32.5km s-min=13.5km az=68.0

MAN 21 18:06:22.0, 10.46N:123.07E, h10km, MS4.7, MAN INTENSITY IV - LA CARLOTA CITY NEGROS OCCIDENTAL; INTENSITY III - BAGO CITY NEGROS OCCIDENTAL; BACOLOLO CITY; INTENSITY II - CAVILAN CITY NEGROS ORIENTAL

ISC 21 18:06:22.0:1.0, 10.46N:0.02:123.06E, h17km, 7km, n52, r163/58, mb3.7/12, MS3.1/9, Cebu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like GUIM, GUIM, GUIM, GUIM, LLP, LLP, TBP, TBP, SNPH, SNPH, RCP, RCP, LSP, LSP, IBAJ, IBAJ, MSLP, MSLP, DCPH, DCPH, MPMH, MPMH, PLP, PLP, SCPH, SCPH, CGP, CGP, PAGZ, PAGZ, IPII, IPII, BUKP, BUKP, TSSP, TSSP, CTBH, CTBH, ZCP, ZCP, DCPH, DCPH, LOP, LOP, BIPH, BIPH, KCP, KCP, DMHP, DMHP, TGY, TGY, DAV, DAV, DAV, DAV, CDOP, CDOP, SJUI, SJUI.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAWI, KAWI, BATI, BATI, GUMO, GUMO, JUNU, JUNU, CMAR, CMAR, KSR5, KSR5, JHH, JHH, MJAR, MJAR, PMG, PMG, WRA, WRA, ASAR, ASAR, ASAR, ASAR, KLR, KLR, SONM, SONM, HEH, HEH, PALK, PALK, STKA, STKA, MKAR, MKAR, PETK, PETK, ZALV, ZALV, KURB, KURB, BVAR, BVAR, FINES, FINES.

MOS 21 18:12:20.4:41.90N:46.62E, h14km, MPVA3.5, NORS 21 18:12:21.8:41.95N:46.57E, h10km, MPVA3.5

AZER 21 18:12:21.4:41.65N:46.43E, h3km, ml2.4, DRS 21 18:12:22.3:41.90N:46.60E, h6km

ISC 21 18:12:22.2:1.0, 41.87N:0.02:46.57E, h0.02, h9km, 2km, n42, r162/82, Eastern Caucasus

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZKTA, ZKTA, ZKTA, ZKTA, TLTR, TLTR, MKMR, MKMR, GNBIR, GNBIR, XNZR, XNZR, ARKR, ARKR, SEKA, SEKA, SEKA, SEKA, BTLR, BTLR, URKR, URKR, UNCR, UNCR, AKT, AKT, AKT, AKT, KRNK, KRNK, RGK, RGK, SGKR, SGKR, BUJR, BUJR, BUJR, BUJR, DVE, DVE, DBC, DBC, DBC, DBC, MNGR, MNGR, DLMR, DLMR, DLMR, DLMR, KSMR, KSMR, KSMR, KSMR, QZX, QZX, QZX, QZX, GANJ, GANJ, GANJ, GANJ, GDB, GDB, GDB, GDB, QSAR, QSAR, QBL, QBL, XNQ, XNQ, XNQ, XNQ, GROG, GROG, GROG, GROG, QUBA, QUBA, QUBA, QUBA, IML, IML, IML, IML, BRD, BRD, BRD, BRD, ZRD, ZRD, ZRD, ZRD, AGDM, AGDM, AGDM, AGDM, POL, POL, POL, POL, SIZA, SIZA, SIZA, SIZA, LACR, LACR, LACR, LACR, ATGH, ATGH, ATGH, ATGH, GNI, GNI, GNI, GNI, GBS, GBS, GBS, GBS, BLO, BLO, BLO, BLO, SBZ, SBZ, SBZ, SBZ, ORD, ORD, ORD, ORD, YRD, YRD, YRD, YRD, SHA1, SHA1, SHA1, SHA1.

SOME 21 18:19:22.4:37.62N:71.67E, h0km, NINC 21 18:19:24.3:37.78N:71.35E, h0km, mb3.9, mpv3.7, Error ellipse: s-maj=60.7km s-min=44.5km az=178.0

21d 18h

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Table with columns: ID, Name, Az, El, Az-2, El-2, Az-3, El-3, Az-4, El-4, Az-5, El-5, Az-6, El-6, Az-7, El-7, Az-8, El-8, Az-9, El-9, Az-10, El-10, Az-11, El-11, Az-12, El-12, Az-13, El-13, Az-14, El-14, Az-15, El-15, Az-16, El-16, Az-17, El-17, Az-18, El-18, Az-19, El-19, Az-20, El-20, Az-21, El-21, Az-22, El-22, Az-23, El-23, Az-24, El-24, Az-25, El-25, Az-26, El-26, Az-27, El-27, Az-28, El-28, Az-29, El-29, Az-30, El-30, Az-31, El-31, Az-32, El-32, Az-33, El-33, Az-34, El-34, Az-35, El-35, Az-36, El-36, Az-37, El-37, Az-38, El-38, Az-39, El-39, Az-40, El-40, Az-41, El-41, Az-42, El-42, Az-43, El-43, Az-44, El-44, Az-45, El-45, Az-46, El-46, Az-47, El-47, Az-48, El-48, Az-49, El-49, Az-50, El-50, Az-51, El-51, Az-52, El-52, Az-53, El-53, Az-54, El-54, Az-55, El-55, Az-56, El-56, Az-57, El-57, Az-58, El-58, Az-59, El-59, Az-60, El-60, Az-61, El-61, Az-62, El-62, Az-63, El-63, Az-64, El-64, Az-65, El-65, Az-66, El-66, Az-67, El-67, Az-68, El-68, Az-69, El-69, Az-70, El-70, Az-71, El-71, Az-72, El-72, Az-73, El-73, Az-74, El-74, Az-75, El-75, Az-76, El-76, Az-77, El-77, Az-78, El-78, Az-79, El-79, Az-80, El-80, Az-81, El-81, Az-82, El-82, Az-83, El-83, Az-84, El-84, Az-85, El-85, Az-86, El-86, Az-87, El-87, Az-88, El-88, Az-89, El-89, Az-90, El-90, Az-91, El-91, Az-92, El-92, Az-93, El-93, Az-94, El-94, Az-95, El-95, Az-96, El-96, Az-97, El-97, Az-98, El-98, Az-99, El-99, Az-100, El-100.

Table with columns: ID, Name, Az, El, Az-2, El-2, Az-3, El-3, Az-4, El-4, Az-5, El-5, Az-6, El-6, Az-7, El-7, Az-8, El-8, Az-9, El-9, Az-10, El-10, Az-11, El-11, Az-12, El-12, Az-13, El-13, Az-14, El-14, Az-15, El-15, Az-16, El-16, Az-17, El-17, Az-18, El-18, Az-19, El-19, Az-20, El-20, Az-21, El-21, Az-22, El-22, Az-23, El-23, Az-24, El-24, Az-25, El-25, Az-26, El-26, Az-27, El-27, Az-28, El-28, Az-29, El-29, Az-30, El-30, Az-31, El-31, Az-32, El-32, Az-33, El-33, Az-34, El-34, Az-35, El-35, Az-36, El-36, Az-37, El-37, Az-38, El-38, Az-39, El-39, Az-40, El-40, Az-41, El-41, Az-42, El-42, Az-43, El-43, Az-44, El-44, Az-45, El-45, Az-46, El-46, Az-47, El-47, Az-48, El-48, Az-49, El-49, Az-50, El-50, Az-51, El-51, Az-52, El-52, Az-53, El-53, Az-54, El-54, Az-55, El-55, Az-56, El-56, Az-57, El-57, Az-58, El-58, Az-59, El-59, Az-60, El-60, Az-61, El-61, Az-62, El-62, Az-63, El-63, Az-64, El-64, Az-65, El-65, Az-66, El-66, Az-67, El-67, Az-68, El-68, Az-69, El-69, Az-70, El-70, Az-71, El-71, Az-72, El-72, Az-73, El-73, Az-74, El-74, Az-75, El-75, Az-76, El-76, Az-77, El-77, Az-78, El-78, Az-79, El-79, Az-80, El-80, Az-81, El-81, Az-82, El-82, Az-83, El-83, Az-84, El-84, Az-85, El-85, Az-86, El-86, Az-87, El-87, Az-88, El-88, Az-89, El-89, Az-90, El-90, Az-91, El-91, Az-92, El-92, Az-93, El-93, Az-94, El-94, Az-95, El-95, Az-96, El-96, Az-97, El-97, Az-98, El-98, Az-99, El-99, Az-100, El-100.

Table with columns: ID, Name, Az, El, Az-2, El-2, Az-3, El-3, Az-4, El-4, Az-5, El-5, Az-6, El-6, Az-7, El-7, Az-8, El-8, Az-9, El-9, Az-10, El-10, Az-11, El-11, Az-12, El-12, Az-13, El-13, Az-14, El-14, Az-15, El-15, Az-16, El-16, Az-17, El-17, Az-18, El-18, Az-19, El-19, Az-20, El-20, Az-21, El-21, Az-22, El-22, Az-23, El-23, Az-24, El-24, Az-25, El-25, Az-26, El-26, Az-27, El-27, Az-28, El-28, Az-29, El-29, Az-30, El-30, Az-31, El-31, Az-32, El-32, Az-33, El-33, Az-34, El-34, Az-35, El-35, Az-36, El-36, Az-37, El-37, Az-38, El-38, Az-39, El-39, Az-40, El-40, Az-41, El-41, Az-42, El-42, Az-43, El-43, Az-44, El-44, Az-45, El-45, Az-46, El-46, Az-47, El-47, Az-48, El-48, Az-49, El-49, Az-50, El-50, Az-51, El-51, Az-52, El-52, Az-53, El-53, Az-54, El-54, Az-55, El-55, Az-56, El-56, Az-57, El-57, Az-58, El-58, Az-59, El-59, Az-60, El-60, Az-61, El-61, Az-62, El-62, Az-63, El-63, Az-64, El-64, Az-65, El-65, Az-66, El-66, Az-67, El-67, Az-68, El-68, Az-69, El-69, Az-70, El-70, Az-71, El-71, Az-72, El-72, Az-73, El-73, Az-74, El-74, Az-75, El-75, Az-76, El-76, Az-77, El-77, Az-78, El-78, Az-79, El-79, Az-80, El-80, Az-81, El-81, Az-82, El-82, Az-83, El-83, Az-84, El-84, Az-85, El-85, Az-86, El-86, Az-87, El-87, Az-88, El-88, Az-89, El-89, Az-90, El-90, Az-91, El-91, Az-92, El-92, Az-93, El-93, Az-94, El-94, Az-95, El-95, Az-96, El-96, Az-97, El-97, Az-98, El-98, Az-99, El-99, Az-100, El-100.

SOME 21 18:40:17.5, 35:47N-70:97E, h0km
NNC 21 18:40:43.8, 6.3, 37:46N-70:97E, h0km, mb4.1, mpv3.8,
Error ellipse: s-maj=49.5km s-min=44.3km az=0.0
IDC 21 18:40:44.9, 7.1, 37:11N-71:49E, h117km, 61km, mb3.3/2,
mbmp4.0/8, MS2.8/1, Error ellipse: s-maj=54.5km
s-min=30.9km az=31.0

ISC 21 18:40:41.1, 0.9, 36:38N-0:07x71:26E:0:10, h100km, n27,
e230/37, 3C-2D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, ISC, Time, Res. Rows include JMU, JMU, JMU, JMU, IUG, IUG, TSSA, TSSA, TSSA, UCH, THN, THN, MRKS, MRKS, EKS2, BRLS, BRLS, KK31, KK31, AAK, AAK, AAK, AAK, DHRM.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like ESK Eskdalemuir Ar, NBO NORSAR Subarra, and ALE Alert.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like IBBN Ibbenburen, UCC Uccle, and MEM Membach.

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like BRG Berggiesshobel, NKC Novy Kostel, and ZVC Zvikov.

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Table with columns for station call signs (e.g., KRLC, DAVA, SENIN), frequencies, and signal quality metrics. Includes sub-headers like 'Kraliky', 'Damuels', 'Belsk', etc.

2020 JUN

Table with columns for station call signs (e.g., MAUC, MOA, OJC, BNI), frequencies, and signal quality metrics. Includes sub-headers like 'Molin', 'Ojcow', 'Bardonecchia', etc.

21d 19h

Table with columns for station call signs (e.g., VLC, PSARD, PSBE, UZHM), frequencies, and signal quality metrics. Includes sub-headers like 'Villacollemand', 'Sardao', 'So Bento', etc.

Table with columns: Station Name, Frequency, Mode, Power, Date/Time, and other parameters. Includes stations like PTL, ATH, HRV, etc.

Table with columns: Station Name, Frequency, Mode, Power, Date/Time, and other parameters. Includes stations like BR131, BR132, BR133, etc.

Table with columns: Station Name, Frequency, Mode, Power, Date/Time, and other parameters. Includes stations like ELL, ULM, ULM, etc.

21d 19h

Table with columns for station ID, name, frequency, mode, and signal strength. Includes stations like M52A Chesterland, G25K Bearman Lake, C19K Lookout Ridge, etc.

2020 JUN

Table with columns for station ID, name, frequency, mode, and signal strength. Includes stations like M31M Avaraat Lake, F20K Avaraat Lake, GNI Garni, etc.

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Table with columns for station ID, name, frequency, mode, and signal strength. Includes stations like I23K Indian Mountain, IMAR Somme Creek, M29M Somme Creek, etc.

1321 **2020 JUN** **21d 19h**

S54A	Dingess, Beckl	45.16 263	I Amb	I Amb	19 16 19.0
S54A	comp=Z,78nm,1.1s		I AMs_20	I AMs_20	19 34 06.3
YUK4	Talbot Arm	45.17 324	P	P	19 16 11.7 -0.9
YUK3	Moose Creek	45.22 325	P	P	19 16 12.6 -0.3
YUK3	baz=29, SNR=25		S	S	19 22 54.7 +6.1
M26K	Nabesna, AK	45.23 327	I Amb	I Amb	19 16 24.2
M26K	comp=Z,114nm,1.8s		I AMs_20	I AMs_20	19 36 53.1
M26K	Nabesna, AK	45.23 327	P	P	19 16 13.2 +0.3
M26K	baz=28, SNR=41		S	S	19 22 58.1 +5.7
BRWY	Burwash Landin	45.24 324	P	P	19 16 12.5 -0.4
BRWY	baz=29, SNR=8.3		S	S	19 22 58.3 +5.7
PAX	Paxson	45.25 329	P	P	19 16 12.5 -0.5
PAX	comp=Z,27, SNR=33		S	S	19 22 58.2 +5.4
MCK	McKinley	45.26 331	I AMs_20	I AMs_20	19 37 04.6
MCK	comp=Z,10um,18.0s		P	P	19 16 13.0 0.0
MCK	McKinley	45.26 331	S	S	19 22 57.0 +4.3
I20K	Naaghedeneel	45.29 335	P	P	19 16 13.3 +0.1
I20K	baz=23, SNR=17		S	S	19 23 02.0 +9.0
BLA	Blacksburg	45.32 262	I Amb	I Amb	19 16 26.3
BLA	comp=Z,123nm,1.2s		I AMs_20	I AMs_20	19 33 22.3
BLA	comp=Z,23um,22.0s				
BLA	Blackburg	45.32 262	P	P	19 16 13.8 +0.1
BLA	comp=Z,19um,1.8s		I Amb	I Amb	19 16 21.4
HYT	Haines Junctio	45.35 323	P	P	19 16 13.8 -0.1
HYT	comp=Z,83nm,1.3s		S	S	19 23 02.2 +7.8
HYT	Haines Junctio	45.35 323	S	S	19 23 02.2 +7.8
HYT	baz=30, SNR=41				
P48A	Milroy	45.39 268	I Amb	I Amb	19 16 19.9
P48A	comp=Z,146nm,1.3s		I AMs_20	I AMs_20	19 34 24.8
YUK6	Outpost Mounta	45.46 324	P	P	19 16 15.2 +0.3
YUK6	baz=29, SNR=44		S	S	19 23 05.5 +9.4
DLBC	Dease Lake	45.47 317	LR	LR	19 35 23.9
DLBC	comp=Z,16um,18.9s, baz=13, slow=36		S	S	19 16 14.9 +0.1
DLBC	Dease Lake	45.47 317	P	P	19 23 03.4 +7.4
DLBC	baz=32, SNR=10.0				
P32M	Atlin	45.47 320	I AMs_20	I AMs_20	19 35 10.6
P32M	comp=Z,28um,20.0s		P	P	19 16 14.1 -0.7
P32M	Atlin	45.47 320	S	S	19 23 03.3 +7.3
P32M	baz=31				
YUK8	Steele Glacier	45.49 325	P	P	19 16 14.6 -0.6
YUK8	comp=Z,29, SNR=15		S	S	19 23 03.9 +7.3
DHY	Denali Highway	45.55 330	I Amb	I Amb	19 16 22.9
DHY	comp=Z,8um,1.7s		P	P	19 16 14.8 -0.7
DHY	Denali Highway	45.55 330	S	S	19 23 03.0 +5.8
DHY	baz=26				
H18K	Honhosa River	45.58 338	I Amb	I Amb	19 16 27.0
H18K	comp=Z,108nm,1.4s		I AMs_20	I AMs_20	19 38 41.0
H18K	Honhosa River	45.58 338	P	P	19 16 15.4 -0.2
H18K	baz=21		S	S	19 23 04.3 +6.9
G17K	Kwalik Mounta	45.60 339	P	P	19 16 15.1 -0.5
G17K	comp=Z,10um,19.0s		S	S	19 23 05.0 +7.4
Q32M	Nakina River	45.63 318	I Amb	I Amb	19 16 24.9
Q32M	comp=Z,198nm,1.7s		I AMs_20	I AMs_20	19 35 21.9
Q32M	Nakina River	45.63 318	P	P	19 16 16.5 +0.3
Q32M	baz=31, SNR=19		S	S	19 23 05.8 +7.2
HARP	HAARP	45.70 328	I AMs_20	I AMs_20	19 37 29.3
HARP	comp=Z,8um,18.0s		P	P	19 16 16.4 -0.1
HARP	HAARP	45.70 328	S	S	19 23 06.6 +7.5
HARP	baz=27, SNR=13				
GCSA	Galena City Sc	45.73 336	P	P	19 16 16.9 +0.2
GCSA	baz=22		S	S	19 23 07.3 +7.9
CHUM	Lake Minchumin	45.75 333	P	P	19 16 16.6 -0.2
CHUM	baz=24, SNR=11		S	S	19 23 04.5 +4.8
TRF	Thorofare Moun	45.77 332	I AMs_20	I AMs_20	19 37 33.2
TRF	comp=Z,10um,19.0s		P	P	19 16 16.5 -0.7
TRF	Thorofare Moun	45.77 332	S	S	19 23 04.1 +3.6
TRF	baz=25, SNR=22				
BILL	Bilibino	45.79 357	P	P	19 16 15.5 -1.6
BILL	comp=Z,125nm,1.7s		I Amb	I Amb	19 16 24.2
BILL	Bilibino	45.79 357	P	P	19 16 13.7 -3.4
BILL	comp=Z,44nm,1.3s		pmax	pmax	
KTH	Kantishna Hill	45.80 332	I Amb	I Amb	19 16 34.9
KTH	comp=Z,82nm,1.5s		I AMs_20	I AMs_20	19 37 54.8
J20K	Nowinta River	45.80 335	P	P	19 16 16.9 -0.4
J20K	baz=23, SNR=64		S	S	19 23 06.1 +5.6
P30M	Million Dollar	45.83 322	P	P	19 16 17.3 -0.4
P30M	baz=30		S	S	19 23 07.3 +6.1
GEM	Giv'at Ha'Em	45.90 109	P	P	19 16 17.9 -0.5
G16K	Koyuk River	45.94 340	I Amb	I Amb	19 16 28.8
G16K	comp=Z,135nm,1.6s		P	P	19 16 17.7 -0.6
G16K	baz=19, SNR=22		S	S	19 23 10.1 +7.7
F15K	North Star Dit	45.95 341	I Amb	I Amb	19 16 26.6
F15K	comp=Z,104nm,1.3s		P	P	19 16 18.1 -0.3
F15K	North Star Dit	45.95 341	S	S	19 23 10.7 +8.1
F15K	baz=18, SNR=18				
R50A	Paris	45.96 266	I Amb	I Amb	19 16 24.8
R50A	comp=Z,60nm,1.1s				
MMAI	Mount Meron Ar	45.97 109	P	P	19 16 18.1 -0.9
MMAI	comp=Z,27nm,0.9s, baz=9.6, slow=16, SNR=20		pp	pp	19 18 06.1 -0.4
MMAI	comp=Z,3.8nm,0.7s, baz=274, slow=12, SNR=3.6		LR	LR	19 38 54.4
SKAG	Skagway	46.00 321	P	P	19 16 18.7 -0.1
SKAG	comp=Z,27nm,0.9s		P	P	19 16 18.8 0.0
SKAG	baz=30		S	S	19 23 10.4 +7.0
WAT1	Susitna Watana	46.00 331	P	P	19 16 18.3 -0.6
WAT1	baz=25		S	S	19 23 05.9 +2.4
HDIL	Hopedale	46.02 272	P	P	19 16 19.3 +0.1
H17K	Granite Mounta	46.02 338	I Amb	I Amb	19 16 29.2

H17K	comp=Z,123nm,1.5s	46.02 338	P	P	19 16 19.3 +0.3
H17K	Granite Mounta	46.02 338	S	S	19 23 10.2 +6.5
V58A	Windy Hill, Pi	46.03 259	I Amb	I Amb	19 16 25.9
O28M	Mount Upton	46.04 324	I AMs_20	I AMs_20	19 35 30.5
O28M	Mount Upton	46.04 324	P	P	19 16 19.4 -0.2
O28M	baz=28		S	S	19 23 11.8 +7.3
U56A	King	46.05 261	I AMs_20	I AMs_20	19 34 25.8
WAT6	Susitna Watana	46.07 330	P	P	19 16 18.9 -0.7
WAT6	baz=26, SNR=40		S	S	19 23 08.3 +3.6
O29M	Mount Kennedy	46.07 323	I Amb	I Amb	19 16 30.5
O29M	comp=Z,13um,20.0s		I AMs_20	I AMs_20	19 35 32.4
O29M	Mount Kennedy	46.07 323	P	P	19 16 19.0 -0.6
O29M	baz=29, SNR=16		S	S	19 23 11.5 +6.8
BLO	Bloomington	46.08 269	I Amb	I Amb	19 16 25.7
BRZS	Berezni	46.12 64	eP	P	19 16 19.1 -0.9
BRZS	Berezni	46.12 64	eP	P	19 23 05.5 +0.1
BRZS	Berezni	46.12 64	eS	S	19 16 19.2 -0.9
BRZS	Berezni	46.12 64	eS	S	19 23 05.6 +0.1
BARN	Barnard Glacie	46.12 326	I AMs_20	I AMs_20	19 35 34.7
CAST	Castle Rocks	46.13 333	P	P	19 16 19.0 -0.9
CAST	baz=24, SNR=26		S	S	19 23 10.0 +4.6
MCARA	McCarthy VSAT	46.14 327	P	P	19 16 19.9 -0.1
MCARA	baz=27		S	S	19 23 11.4 +5.9
M24K	Tolsona, Glenn	46.17 329	P	P	19 16 20.3 0.0
M24K	baz=26		S	S	19 23 12.2 +6.1
LOGN	Logan Glacier	46.18 325	I AMs_20	I AMs_20	19 35 36.3
LOGN	comp=Z,15um,20.0s				
S51A	Beattyville	46.22 265	I Amb	I Amb	19 16 26.9
S51A	comp=Z,49nm,1.0s		I AMs_20	I AMs_20	19 34 12.5
J19K	Poorman	46.22 335	P	P	19 16 21.0 +0.4
J19K	comp=Z,32um,21.0s		S	S	19 23 14.8 +8.3
J19K	baz=22, SNR=32				
S34M	Telegraph Cree	46.22 317	I AMs_20	I AMs_20	19 35 37.6
S34M	Telegraph Cree	46.22 317	P	P	19 16 21.7 +1.1
S34M	Telegraph Cree	46.22 317	S	S	19 23 15.9 +9.2
TAM	Tamanrasset	46.25 148	P	P	19 16 19.7 -1.7
TAM	comp=Z,10um,18.0s		I AMs_20	I AMs_20	19 35 55.7
TAM	Tamanrasset	46.25 148	P	P	19 16 19.7 -1.7
TAM	comp=Z,41nm,1.0s		pmax	pmax	
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,10um,18.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,41nm,1.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,10um,18.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,41nm,1.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,10um,18.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,41nm,1.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,10um,18.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,41nm,1.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,10um,18.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,41nm,1.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,10um,18.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,41nm,1.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,10um,18.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,41nm,1.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,10um,18.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,41nm,1.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,10um,18.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,41nm,1.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,10um,18.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,41nm,1.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,10um,18.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,41nm,1.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,10um,18.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,41nm,1.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,10um,18.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,41nm,1.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,10um,18.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,41nm,1.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,10um,18.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,41nm,1.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,10um,18.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,41nm,1.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,10um,18.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,41nm,1.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,10um,18.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,41nm,1.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,10um,18.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,41nm,1.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,10um,18.0s				
TAM	Tamanrasset	46.25 148	MLR	MLR	
TAM	comp=Z,41nm,1.0s				
TAM	Tamanrasset	46.25 148</			

21d 19h

Table with columns for station name, frequency, power, and other technical details. Includes stations like KURK Kurchatov, V53A Saluda, U35K Hyder, etc.

2020 JUN

Table with columns for station name, frequency, power, and other technical details. Includes stations like SEW Seward, K15K Wolf Creek, T45A Paacah, etc.

1322

Table with columns for station name, frequency, power, and other technical details. Includes stations like YAK comp=Z,3um,19.0s, YAK P19K Yakutsk, etc.

Table with columns: Station, Name, Az, El, AzEl, P, S, M, L, R, SNR, etc. Includes stations like KDAK, CHM, O15K, etc.

Table with columns: Station, Name, Az, El, AzEl, P, S, M, L, R, SNR, etc. Includes stations like AAK, BMO, CHGR, etc.

Table with columns: Station, Name, Az, El, AzEl, P, S, M, L, R, SNR, etc. Includes stations like WMOK, T25A, BGU, etc.

21d 19h

Table with columns for station name, frequency, power, and signal quality. Includes stations like PZH, BRDH, BWNR, etc.

2020 JUN

Table with columns for station name, frequency, power, and signal quality. Includes stations like CMAP, JOW, KNMB, etc.

1326

Table with columns for station name, frequency, power, and signal quality. Includes stations like TAOE, COCO, SMRI, etc.

1327 2020 JUN 21d 19h

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like IMEL, ISVA, IGRS, IASK, etc.

SSNC 21 19:17:42.3±2.9, 20°66'N:71°22'W, h0km, MD2.7, ML2.3, Presumed earthquake

OSPL 21 19:17:46.2±1.5, 20°38'N:70°80'W, h0km, 156km, ML2.6, Presumed earthquake

SDD 21 19:17:52.2±2.2, 20°28'N:70°96'W, h36km, 25km, MD3.2, ML2.2, MW3.7, Presumed earthquake

ISC 21 19:17:47.8±1.8, 20°29'N:0°04'70.91'W, h8km, 14km, n10, c1918/20, 11c-1D, Dominican Republic

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like LUDR, LOPP1, MADR, MCDR, etc.

NSSP 21 19:17:54.5, 40°18'N:42°82'E, h10km, Ms3.5, IDC 21 19:17:54.0±5.4, 39°46'N:43°47'E, h0km, mbmp3.6/4, ML3.0/3, Error ellipse: s-maj=71.9km s-min=21.8km

TIF 21 19:17:56.3, 40°04'N:43°03'E, h7km, 1km, ISK 21 19:17:56.4, 40°04'N:43°03'E, h7km, ML3.9/19, AFAD 21 19:17:57.1, 40°04'N:43°05'E, h7km, 2km, MW3.8, ISC 21 19:17:56.9±1.1, 40°01'N:0°02'42.95'E, h4km, 9km, n59, c099/86, 2D, Turkey

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like KOTA, EATA, AGRB, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like BOZK, KARS, DORK, etc.

REY 21 19:18:37.5, 66°41'N:18°74'W, h16km, IDC 21 19:18:38.1±0.9, 66°35'N:18°86'W, h0km, mb3.7/8, mbmp3.7/13, ML3.4/5, Error ellipse: s-maj=21.8km s-min=14.7km az=160.0

ISC 21 19:18:37.2±1.3, 66°36'N:0°03'18.67'W, h1km, 9km, n29, c1961/42, mb3.6/7, Iceland region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ISIG, IGRS, IBRE, etc.

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like HFS, ARCES, FINES, etc.

IDC 21 19:27:11.2±0.7, 66°21'N:18°55'W, h0km, mb3.7/12, mbmp3.7/17, ML3.1/5, Error ellipse: s-maj=18.5km s-min=13.0km az=172.0

REY 21 19:27:11.5, 66°36'N:18°68'W, h10km, ISC 21 19:27:11.1±1.1, 66°33'N:0°03'18.64'W, h0.03, h4km, 8km, n44, c1907/53, mb3.8/11, Iceland region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ISIG, IGRS, IBRE, etc.

SUMC Summit 9.32 321 i / S Pn 19 29 26.1 -0.3

ARCES ARCES Array B 16.59 59 Pn 19 29 31.5 -1.8

FINES FINES Array B 19.91 83 P 19 29 43.0 -0.3

FRB Froebel Bay 20.76 286 Pn 19 29 54.6 -0.3

GERES GERES Array B 24.19 120 P 19 30 28.8 +0.3

SCHO Schefferville 25.59 267 P 19 32 42.5 +1.5

ESDC Sonsea Array 27.97 155 P 19 33 02.5 -0.1

AKASG Malin Array Be 28.56 99 P 19 33 08.0 +0.3

BRTR Keskin Array B 39.39 106 P 19 34 41.4 -0.3

ILAR Eielson Array 43.99 331 P 19 35 20.4 +1.5

ZALV Zaleso Beam 46.97 52 P 19 35 43.1 +0.6

KURBB Kurchatov Arra 47.69 59 P 19 35 48.8 +0.5

PDAR Pinedale Array 52.11 291 P 19 36 23.7 +1.5

MKAR Makanchi Array 52.25 59 P 19 36 23.8 +0.8

TXAR Lajitas Array 61.55 278 P 19 37 29.9 +0.7

REY 21 19:29:15.9, 66°41'N:18°73'W, h10km, IDC 21 19:29:15.7±0.5, 66°40'N:18°89'W, h0km, mb3.9/21, mbmp3.9/25, ML3.1/7, MS4.5/1, Error ellipse: s-maj=15.2km s-min=10.4km az=4.0

NEIC 21 19:27:12.1, 66°29'N:0°08'18.63'W, h0km, 1km, mb4.5/62, Error ellipse: s-maj=13.4km s-min=5.2km az=180.0

ISC 21 19:29:17.3±0.4, 66°40'N:0°03'18.72'W, h10km, n273, c1942/274, mb4.4/70, Iceland region

Table with columns: Code, Station Name, Az, El, Op, Phase ID, Time, Res, h, m, s, ISC. Includes stations like ISIG, IGRS, IBRE, etc.

21d 19h

Table with columns for station name, frequency, power, and other technical details. Includes stations like BORG Borgarnes, SCO Scoresbysund, JMJC Jan Mayen, etc.

2020 JUN

Table with columns for station name, frequency, power, and other technical details. Includes stations like A22K Sinclair Lake, KBZ Khabaz, G30M G30M, etc.

1328

Table with columns for station name, frequency, power, and other technical details. Includes stations like J25K Salcha River, D17K Noatak River, IL31, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Azimuth Error, Altitude Error, Azimuth Residual, Altitude Residual. Includes stations like KSH2, SZCU, SONM, NVAR, MNTX, etc.

MOS 21 19:33:04.6; 1.2, 8.93S; 110.97E, h81km, mb5.5/58, Error ellipse: s-maj=8.9km s-min=4.7km az=103.8

BJJ 21 19:33:06.3; 8.90S; 110.80E, h80km, mb5.8/10, mb5.8/63, Ms5.7/18, Ms7.5/418

IDC 21 19:33:07.1; 0.4, 8.84S; 111.02E, h80km, mb5.0/43, mbmp5.3/45, MS3.9/3, Error ellipse: s-maj=9.0km s-min=7.6km az=48.0

DJA 21 19:33:08.3; 0.1, 9.2S; 111.1E, h94km, mb2.0km, Ms5.0/32, Mb5.5/90, mb5.3/132, MLv5.7/59, Mw5.1/74, Mw(m)5.0/190, MwMwp5.1/8, Mwps.4/8

NEIC 21 19:33:08.0; 2.0, 8.92S; 110.95E; 0.07, h87km, 4km, mb5.5/90, Mwrs.0/11, Mwrs.2/10, Error ellipse: s-maj=11.0km s-min=7.8km az=213.0

NEIC 21 19:33:08.8; 9.93S; 110.95E, h87km, Moment Tensor Solution, Moment tensor: Scale 10^16Nm, Mr-2.42; Mw2.64; Mw-0.22; Mw2.70; Mw-0.66; Mw-1.25; Fault plane solution: M3.96000x10^16 NP1.9x292.25000°

GCMT 21 19:33:09.4; 0.3, 9.10S; 110.96E; 0.03, h71km, 3km, Mw5.2/83, Moment Tensor Solution, s17,c22; s83,c118; Duration: 10 Moment tensor: Scale 10^17Nm; Mw-0.47; Mw-0.28; Mw-0.41; Mw-0.41; Mw-0.47; Mw-0.2; Mw-0.01; Mw-1.01; Mw-1.03; Best double couple: M0.8100x10^17 NP1.9x61.0000°; 63.40000°

λ-132.00000°. NP2=289.00000°; 66.00000°, λ-66.00000°. Principal axes: T 1.0230, Plg17.0000°, Azm1.0000°; N -0.3660, Plg22.0000°, Azm98.0000°; P -0.6580, Plg62.0000°, Azm236.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 21 19:33:06.0; 6.3, 8.93S; 110.91E; 0.03, h82km, 2km, h83km; p-P, n762, i1963/844, mb5.4/196, 52C-20D, Jawa

Table with columns: Code, Station Name, Azimuth, Altitude, Azimuth Error, Altitude Error, Azimuth Residual, Altitude Residual. Includes stations like UGM, YOGI, SNJI, SMRI, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Azimuth Error, Altitude Error, Azimuth Residual, Altitude Residual. Includes stations like KSI, BSSI, UBSI, MMSI, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Azimuth Error, Altitude Error, Azimuth Residual, Altitude Residual. Includes stations like AS09, FORT, CM31, CMAR, etc.

E23K	Chandalar	41.43 335	P	P	20 04 55.6 +0.2	M27K	Edge Creek, AK	44.96 326	P	P	20 05 25.2 +1.1	TX31	comp=Z,2.8nm,0.9s	IAMB	IAMB	20 07 26.9		
H27K	Steamboat Moun	41.50 329	IAMB	IAMB	20 04 57.7	O30N	Mendenhall	44.99 322	P	P	20 05 25.3 +1.0	TXAR	Lajitas Array	61.49 278	P	P	20 07 25.9 -0.2	
H27K	Steamboat Moun	41.50 329	P	P	20 04 56.6 +0.6	YUK4	Talbot Arm	45.11 324	P	P	20 05 25.6 +0.3	HHC	Hu-ho-hao-te	66.44 39	eP	P	20 07 57.1 -1.4	
I29M	Ogilvie Camp,	41.56 327	IAMB	IAMB	20 04 57.3	YUK3	Moose Creek	45.15 325	P	P	20 05 26.7 +0.9	HHC	comp=Z,8.0nm,0.5s		pmax			
I29M	Ogilvie Camp	41.56 327	P	P	20 04 56.8 +0.3	M26K	Nabesna, AK	45.17 327	P	P	20 05 27.2 +1.6	XAN	Xian	72.15 44	eP	P	20 08 32.4 -1.4	
F24K	Squaw Lake	41.60 333	P	P	20 04 56.7 -0.1	PAX	Paxson	45.19 329	P	P	20 05 26.7 +0.8	NJ2	Nanjing	76.59 36	eP	P	20 08 58.3 -1.3	
E22K	Anaktuvuk Pass	41.73 336	P	P	20 04 58.3 +0.4	MCK	McKley	45.19 331	P	P	20 05 27.3 +1.5	PZH	PanZhihua	77.06 52	P	P	20 09 02.1 -0.4	
J30M	Hart River	41.78 325	IAMB	IAMB	20 05 00.3	I20K	Naagdeneel	45.22 335	P	P	20 05 27.5 +1.5	HNR	Honiara	123.05 2	PKP	PKP	20 16 08.6 +2.7	
J30M	Hart River	41.78 325	P	P	20 04 58.7 +0.3	HYT	Haines Junctio	45.29 323	P	P	20 05 27.6 +0.9	MAW	Mawson	145.42 138	PKPbc	PKPbc	20 16 46.5 +1.0	
E21K	Killik River	41.80 337	P	P	20 04 59.0 +0.6	YUK6	Outpost Mounta	45.39 323	P	P	20 05 29.0 +1.4							
I28M	Miner Creek	41.84 328	P	P	20 04 59.6 +0.8	DLBC	Dease Lake	45.40 317	P	P	20 05 28.2 +0.6							
G25K	Bearman Lake	41.94 332	P	P	20 05 00.7 +1.2	P32M	Atlin	45.41 320	P	P	20 05 28.3 +0.7							
FYU	Fort Yukon	41.95 331	P	P	20 05 00.4 +0.8	YUK8	Steele Glacier	45.42 324	P	P	20 05 29.0 +1.1							
C19K	Lookout Ridge	42.01 340	P	P	20 05 00.7 +0.6	DHY	Denali Highway	45.48 330	P	P	20 05 29.8 +1.5	URZ	Urewera	6.45 216	Pn	ISC	h m s ISC	20 05 58.0 +1.3
I27K	Kandik River	42.06 329	P	P	20 05 01.9 +1.2	H18K	Honhosa River	45.52 337	P	P	20 05 29.8 +1.5	URZ	1.0nm,0.3s,baz=13,slow=18,SNR=1.4		Sn			20 07 09.5 -1.3
MMPY	Sheldon Lake,	42.20 321	P	P	20 05 02.0 +0.3	G17K	Kwakiw Mounta	45.53 339	P	P	20 05 29.7 +1.3	ASAR	Alice Springs	43.00 270	P	P		20 12 21.7 -0.1
MMPY	Sheldon Lake,	42.20 321	P	P	20 05 02.7 +1.0	Q32M	Nakina River	45.57 318	P	P	20 05 30.6 +1.6	WRA	Warramunga Arr	44.23 275	P	P		20 12 31.6 -0.1
G24K	Hadweenic Riv	42.25 333	IAMB	IAMB	20 05 04.9	HARP	HARP	45.63 328	P	P	20 05 31.0 +1.7	FINES	FINES Array B	147.69 338	PKPbc	PKPbc	20 04 05.3 -0.9	
G24K	Hadweenic Riv	42.25 333	P	P	20 05 03.2 +1.1	GCSA	Galena City Sc	45.66 336	P	P	20 05 30.6 +1.2							
COLD	Coldfoot	42.27 334	P	P	20 05 03.4 +1.2	TRF	Thorofare Moun	45.71 332	P	P	20 05 30.9 +0.8							
E20K	Nigu River	42.31 338	P	P	20 05 03.2 +0.6	J20K	Nowinta River	45.74 335	P	P	20 05 31.2 +1.2							
F22K	John River	42.35 336	P	P	20 05 03.6 +0.7	G16K	Koyuk River	45.88 340	P	P	20 05 31.7 +0.6							
I26K	Coal Creek Min	42.64 329	IAMB	IAMB	20 05 07.3	F15K	North Star Dit	45.88 341	P	P	20 05 31.9 +0.7							
I26K	Coal Creek Min	42.64 329	P	P	20 05 06.4 +1.2	H17K	Granite Mounta	45.95 338	P	P	20 05 31.9 +0.1							
C18K	Utukok River	42.65 341	P	P	20 05 06.4 +1.0	WAT6	Susna Watana	46.00 330	P	P	20 05 32.4 0.0							
K29M	Barlow Dome	42.68 325	P	P	20 05 05.2 -0.5	O29M	Mount Kennedy	46.00 323	P	P	20 05 32.8 +0.5							
K29M	Barlow Dome	42.68 325	P	P	20 05 07.0 +1.3	CAST	Castle Rocks	46.07 333	P	P	20 05 32.9 +0.2							
G23K	Bananza Creek	42.70 334	P	P	20 05 06.6 +0.8	J19K	Poorman	46.16 335	P	P	20 05 34.2 +0.8	MMN	Mormanno	0.04 245	UP	ISC	h m s ISC	20 05 08.2 +0.3
BVAR	Borovoye Array	42.81 63	P	P	20 05 08.1 +1.3	PLBC	Pleasant Camp	46.20 321	P	P	20 05 34.3 +0.6	MMN	comp=E,235um,0.4s		AML	AML	20 05 34.1 -0.5	
F21K	Alatna River	42.83 336	P	P	20 05 07.9 +1.1	ECSD	EROS Data Cent	46.22 281	P	P	20 05 34.2 +0.1	MMN	comp=N,328um,0.9s		AML	AML		
DAWY	Dawson	42.91 326	P	P	20 05 07.6 +0.1	N25K	Chitina, Valde	46.22 328	P	P	20 05 34.3 +0.3	GRIS	Grisolia	0.22 221	UP	Pn	S	20 05 07.8 -0.3
DAWY	Dawson	42.91 326	P	P	20 05 08.4 +0.9	F14K	Arctic Creek	46.32 342	P	P	20 05 35.1 +0.5	GRIS	San Lorenzo Be	0.24 98	UP	Pn	S	20 05 33.7 -1.4
PRP	Porcupine Dome	42.93 331	P	P	20 05 08.2 +0.4	P29M	Windy Craggy	46.39 322	P	P	20 05 35.6 +0.3	SALB	comp=E,367um,0.3s		AML	AML	20 05 08.5 +0.3	
PRP	Porcupine Dome	42.93 331	P	P	20 05 09.0 +1.3	TNA	Tin City	46.43 343	P	P	20 05 36.0 +0.5	SALB	comp=N,262um,0.5s		AML	AML	20 05 34.7 -0.5	
C17K	DeLong Mountai	43.07 342	P	P	20 05 10.3 +1.6	K20K	Telida	46.48 334	IAMB	IAMB	20 05 40.0	SALB	comp=E,366um,0.3s		AML	AML		
H24K	Noodor Dome	43.10 332	IAMB	IAMB	20 05 10.9	K20K	Telida	46.48 334	P	P	20 05 36.5 +0.5	SALB	comp=N,262um,0.5s		AML	AML		
H24K	Noodor Dome	43.10 332	P	P	20 05 10.1 +1.1	G15K	Niukluk	46.48 341	P	P	20 05 36.8 +0.9	SCHR	S. Chirico Rap	0.29 5	UP	Pn	S	20 05 08.7 +0.5
M31M	Drury Creek, Y	43.34 322	P	P	20 05 11.6 +0.6	PPLA	Purkeypile	46.57 333	P	P	20 05 36.7 -0.1	SCHR	comp=E,120um,0.3s		AML	AML	20 05 34.8 -0.5	
F20K	Avaraart Lake	43.35 337	IAMB	IAMB	20 05 13.1	H16K	Elira	46.58 339	P	P	20 05 37.0 +0.4	SCHR	comp=N,130um,0.4s		AML	AML		
F20K	Avaraart Lake	43.35 337	P	P	20 05 12.0 +1.1	PINM	Pinnacle	46.59 324	P	P	20 05 37.8 +0.9	SCHR	comp=N,342um,1.1s		AML	AML		
H23K	Yukon River	43.42 333	IAMB	IAMB	20 05 14.4	SCM	Sheep Creek Mo	46.59 329	P	P	20 05 37.3 +0.4	SIRI	comp=N,338um,1.1s		AML	AML		
H23K	Yukon River	43.42 333	P	P	20 05 12.6 +1.0	KLU	Klutina	46.61 328	P	P	20 05 37.5 +0.5	SIRI	comp=E,307um,0.3s		AML	AML		
L29M	L29M	43.45 325	P	P	20 05 12.5 +0.6	L22K	Petersville	46.64 332	P	P	20 05 37.8 +0.5	SIRI	comp=N,342um,1.1s		AML	AML		
GNI	Garni	43.47 95	LR	LR	20 23 48.9	M23K	Glacier View	46.71 330	P	P	20 05 38.8 +1.0	SIRI	comp=N,338um,1.1s		AML	AML		
G21K	Allakaket	43.48 336	P	P	20 05 13.4 +1.4	R32K	Eaglecrest	46.75 319	P	P	20 05 38.6 +0.4	SIRI	comp=E,306um,0.3s		AML	AML		
M30M	Minto, Yukon	43.60 324	IAMB	IAMB	20 05 15.4	BMRM	Bremner Creek	46.80 327	P	P	20 05 38.9 +0.4	SIRI	comp=N,846um,0.4s		AML	AML		
M30M	Minto, Yukon	43.60 324	P	P	20 05 13.6 +0.5	SML	Sawmill	46.82 330	P	P	20 05 39.1 +0.4	SIRI	comp=E,318um,0.3s		AML	AML		
H22K	Ishlitalina Cre	43.68 334	IAMB	IAMB	20 05 16.3	PMR	Palmer	47.17 330	P	P	20 05 41.7 +0.4	SIRI	comp=N,342um,0.9s		AML	AML		
H22K	Ishlitalina Cre	43.68 334	P	P	20 05 14.8 +1.1	KNK	Knik Glacier	47.20 330	P	P	20 05 41.7 +0.1	SIRI	comp=E,318um,1.7s		AML	AML		
J25K	Salcha River,	43.70 330	IAMB	IAMB	20 05 16.0	J17K	VABM Dome	47.28 337	P	P	20 05 42.6 +0.5	SIRI	comp=N,338um,0.9s		AML	AML		
J25K	Salcha River,	43.70 330	P	P	20 05 14.1 +0.2	SKT	Skwentna	47.29 332	P	P	20 05 42.4 +0.1	TDS	Terranova Siba	0.34 137	P	Pn	S	20 05 09.4 +1.1
E18K	Tukphalearik C	43.72 340	P	P	20 05 14.7 +0.7	J16K	Anvik River	47.62 338	P	P	20 05 44.8 0.0	TDS	comp=E,234um,0.9s		AML	AML	20 05 35.9 +0.6	
D17K	Noatak River	43.79 341	P	P	20 05 15.6 +1.1	KURBB	Kurchatov Arra	47.65 59	P	P	20 05 45.6 +0.5	TDS	comp=N,211um,1.1s		AML	AML		
IL31	comp=Z,12nm,1.5s	43.86 331	IAMB	IAMB	20 05 17.3	M20K	Styr River	47.68 333	P	P	20 05 44.9 -0.5	ORI	Oriolo Calabro	0.35 64	UP	Pn	AML	20 05 09.0 +0.8
ILAR	Eielson Array	43.86 331	P	P	20 05 16.2 +1.1	KAIM	Kayak Island	47.69 326	P	P	20 05 45.4 +0.1	ORI	comp=N,846um,0.4s		AML	AML		
ILAR	Eielson Array	43.86 331	P	P	20 05 15.6 +0.5	L19K	White Mountain	47.71 334	P	P	20 05 46.2 +0.6	CET2	Cetraro	0.39 190	UP	Pn	S	20 05 08.4 0.0
F19K	Shaleruckik Mo	43.86 338	P	P	20 05 16.2 +1.2	L18K	Granite Mounta	47.99 335	P	P	20 05 47.9 +0.2	CET2	comp=N,1014um,0.5s		AML	AML	20 05 34.3 -1.4	
Q54A	Coxs Mills	43.93 263	P	P	20 05 17.0 +1.0	P23K	Montague Islan	48.27 328	P	P	20 05 49.8 -0.1	CET2	comp=N,2270um,1.2s		AML	AML		
SCRK	Sand Creek	43.98 329	P	P	20 05 16.7 +0.5	CRAG	Craig	48.83 316	P	P	20 05 54.5 +0.3	CET2	comp=N,956um,1.5s		AML	AML		
I23K	Minto, Yukon-K	43.99 333	P	P	20 05 17.0 +0.9	M17K	Hollita River	48.88 335	P	P	20 05 55.3 +0.7	MCEL	Monticello	0.46 336	UP	Pn	S	20 05 09.4 +0.9
M29M	Somme Creek	44.11 325	IAMB	IAMB	20 05 19.9	L16K	Owhat River	48.93 336	P	P	20 05 55.4 +0.5	MCEL	comp=N,212um,0.4s		AML	AML	20 05 36.3 +0.4	
M29M	Somme Creek	44.11 325	P	P	20 05 18.2 +1.0	BRSE	Bradley Lake S	49.19 330	P	P	20 05 56.8 -0.2	BULG	Bulgheria - Ca	0.54 289	UP	Pn	S	20 05 09.1 +0.4
H21K	Melozitna Rive	44.15 335	P	P	20 05 16.0 -1.4	O20K	Slope Mountain	49.25 332	P	P	20 05 58.0 +0.5	BULG	comp=N,212um,0.4s		AML	AML	20 05 36.8 +0.5	
H21K	Melozitna Rive	44.15 335	P	P	20 05 18.4 +1.0	L15K	Ungalak Mounta	49.28 338	P	P	20 05 57.9 +0.4	BULG	comp=N,702um,0.3s		AML			

21d 20h

Table with columns for station name, magnitude, time, and other parameters. Includes stations like CELI, SP2S, CAR1, and others.

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Table with columns for station name, magnitude, time, and other parameters. Includes stations like JOPP, SSB3, SGTA, and others.

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Table with columns for station name, magnitude, time, and other parameters. Includes stations like FINES, TORD, DBIC, and others.

GCG 21 20:10.11.4, 13.87N:93.17W, h17km, 30km, MD4.8, Presumed earthquake

Table with columns for station name, magnitude, time, and other parameters. Includes stations like THIG, PATR, RTAL, and others.

IDC 21 20:12.36.0.0.9, 66.37N:18.78W, h0km, mb3.2/6, mbtmp3.4/8, ML2.9/2, Error ellipse: s-maj=21.6km

REY 21 20:12.36.5.66:53N:18.74W, h2km, ISC 21 20:12.36.7.1.2.66:45N:18.68W:0.03, h9km, 8km, 1.1, -1542/29, mb3.3/6, Iceland region

Table with columns for station name, magnitude, time, and other parameters. Includes stations like IGRI, IBRE, IHLA, and others.

NEIC 21 20:13.10.5.1.2, 18.90S:0.08:169.2E:0.1, h212km, 7km, mb4.6/10, Error ellipse: s-maj=16.2km s-min=11.6km

NOU 21 20:13.12.1.1.2, 19.03S:169.19E, h208km, mb4.6/26, Vanuatu Islands

IDC 21 20:13.12.1.1.2, 19.12S:169.21E, h236km, 10km, mb3.9/17, mbtmp4.5/19, Error ellipse: s-maj=15.3km

ISC 21 20:13:08.40.4, 18.92S:0.05:169.30E:0.07, h200km, n161, -159/119, mb4.6/72, SC-2D, Vanuatu Islands

Table with columns for station name, magnitude, time, and other parameters. Includes stations like MARNC, MARNC, and others.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like DORK Agr/Tutak/Do, DORK comp=N,1,1um,0.5s, DORK comp=N,1,1um,0.6s, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IBRE Stetingsstaoi, IBRE Hella, IHLA Heoinshofoi, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like J20K Nowinta River, KURBB Kurchatov Arra, PD31 Pinedale Array, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like IDC 21-21:22:08.7, 1.6, 34/43N, 25.33E, h0km, mb3.6/12, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like G31M Satah River, G30M Ahoi Zhai Niji, D25K Kavik River, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ECX 21-21:31:09.5, 0.7, 31/22N, 115.90W, h5km, 2km, MD2.9, etc.

21d 22h

2020 JUN

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Table with columns for station code, name, coordinates, and status. Includes stations like ARSB Arslanbob, AAK Ala-Archa, TDK Taldyqorghan, etc.

Table with columns for station code, name, coordinates, and status. Includes stations like IUG Karatay Array, KKR Karatay Array, CHM Chikment, etc.

Table with columns for station code, name, coordinates, and status. Includes stations like PYAG Pyongyang, JOW Kunigami, JOW Jangra, etc.

Table with columns for station name, frequency, power, and signal strength. Includes stations like BinXian, Madinat Zayed, and various other locations.

Table with columns for station name, frequency, power, and signal strength. Includes stations like ARTI, Hachijo jima 2, WSI, and various other locations.

Table with columns for station name, frequency, power, and signal strength. Includes stations like YAK, GOF, Uglersk, and various other locations.

21d 22h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MBWA Marble Bar, FITZ Fitzroy Crossi, and many others.

2020 JUN

Table with columns for station name, frequency, power, and other technical details. Includes stations like AKKB Malin Array Si, JRRR Jurilovca, and many others.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like MLR Muntele Rosu, SGRR Singureni, and many others.

ARCES	ARCCESS Array B	60.74 338	P	P	22 51 04.3 +0.4
ARCES	comp=Z,24nm,0.8s,baz=97,slow=7.4,SNR=49	LR	LR		23 21 15.0
ARCES	comp=Z,3um,19.0s,baz=104,slow=40				
ARCES	comp=Z,24nm,0.8s				
ARCES	ARCCESS Array B	60.74 338	P	P	22 51 03.9 0.0
KMBL	Kambalda	60.76 152	P	P	22 51 03.5 -0.9
BOSS	Bosilegrad	60.83 307	eP	P	22 51 05.0 +0.1
VA	Valandovo	60.89 306	iP	P	22 51 05.4 +0.1
ZAGS	Zajecar	61.09 308	eP	P	22 51 09.0 +3.7
BORS2	Bor- Borsko je	61.02 309	eP	P	22 51 13.1 +6.9
AS31	Alice Springs	61.05 137	P	P	22 51 06.1 -0.5
AS31	Alice Springs	61.05 137	P	P	22 51 04.9 -1.7
AS31			IAMB	IAMB	22 51 12.1
ASAR	Alice Springs	61.05 137	P	P	22 51 06.2 -0.4
ASAR	comp=Z,1.03nm,0.8s,baz=319,slow=6.8,SNR=389				22 59 24.9 -0.3
ASAR	comp=Z,1.8nm,1.0s,baz=300,slow=10.0,SNR=9				23 20 21.6 +1.6
ASAR	comp=Z,1.2nm,1.0s,baz=150,slow=2.4,SNR=5				23 20 53.9
ASAR	comp=Z,2um,20.6s,baz=302,slow=40				
ASAR	comp=Z,103nm,0.8s				
ASAR	Alice Springs	61.05 137	P	P	22 51 07.5 -0.9
AUALC	St Phillip's Co	61.05 137	P	P	22 51 06.4 -0.2
AS01	Alice Springs	61.07 137	P	P	22 51 07.6 +0.8
AS17	Alice Springs	61.10 137	P	P	22 51 06.5 -0.4
SIRB	Siria	61.10 311	iP	P	22 51 07.9 +1.2
RF13	Warsaw-Wawer	61.17 318	iP	P	22 51 07.4 +0.4
RF13			eS	S	22 59 27.8 +1.8
BZS	Buzias	61.18 311	iP	P	22 51 07.9 +0.6
BZS	Buzias	61.18 311	P	P	22 51 07.8 +0.6
BZS	Buzias	61.18 311	eP	P	22 51 07.9 +0.6
MDVR	Moldovita	61.18 310	iP	P	22 51 08.3 +1.0
OPO	Amboldratompo	61.19 231	LR	LR	23 13 44.8
STHS	Stebnicka Huta	61.20 315	eP	P	22 51 13.5 +6.2
STHS			pmax	pmax	
STHS	Stebnicka Huta	61.20 315	eP	P	22 51 13.5 +6.2
COEN	Coen	61.21 122	P	P	22 51 07.4 -0.4
COEN	Coen	61.21 122	P	P	22 51 09.2 +1.4
COEN	Coen	61.21 122	IAMB	IAMB	22 51 17.2
KUBS	Kucevo	61.24 309	eP	P	22 51 15.8 +8.1
BOVS	Bovan	61.29 308	iP	P	22 51 08.0 0.0
BARS	Barje	61.29 307	eP	P	22 51 07.8 -0.2
BEL	Beisk	61.40 318	eL	L	22 51 08.6 +0.1
BEL			L	L	23 20 55.0
VRSS	Vratsko	61.42 310	eP	P	22 51 17.6 +8.7
KTK1	Kaukeino	61.43 337	eP	P	22 51 08.7 +0.1
KTK1			IAMB	IAMB	22 51 14.6
KTK1	comp=Z,50nm,0.9s				22 59 30.9 +2.0
KTK1			eS	SS	23 03 33.9 +4.5
KTK1			IAMS_20	IAMS_20	23 19 56.4
ABPO	Ambiohinpanom	61.46 231	P	P	22 51 09.0 -0.6
ABPO	Ambiohinpanom	61.46 231	P	P	22 51 09.0 -0.6
ABPO			pmax	pmax	
ABPO	comp=Z,1.5nm,0.9s				
ABPO			MLR	MLR	
HAMF	Hammerfest	61.59 339	eP	IAMB	22 51 10.1 +0.6
HAMF			IAMB	IAMB	22 51 14.9
HAMF	comp=Z,93nm,0.8s				
HAMF			eS	SS	22 59 32.6 +1.9
HAMF			IAMS_20	IAMS_20	23 20 24.3
AMBH	Ambrafalva	61.74 311	iP	P	22 51 12.8 +1.8
PMG	Port Moresby	61.87 115	P	P	22 51 13.5 +1.2
PMG	Port Moresby	61.87 115	P	P	22 51 13.3 +1.0
PMG	Port Moresby	61.87 115	P	P	22 51 11.1 -1.1
PMG			IAMB	IAMB	22 51 14.1
PMG	Port Moresby	61.87 115	eP	P	22 51 13.5 +1.2
PMG			pmax	pmax	
PMG	comp=Z,1.10nm,1.3s				
PMG			MLR	MLR	
PMG	comp=Z,7.89nm,20.0s				
PMG	Port Moresby	61.87 115	P	P	22 51 13.1 +0.8
PMG	comp=Z,1um,comp=Z,61.28				
OJC	Ojcow	62.09 316	eP	P	22 51 13.2 -0.1
OJC			eS	S	22 59 38.0 +0.1
OJC	Ojcow	62.09 316	eP	P	22 51 12.5 -0.8
PSZ	Piszkesteto	62.18 313	iP	IAMB	22 51 14.6 +0.5
PSZ	Piszkesteto	62.18 313	IAMB	IAMB	22 51 21.8
PSZ	Piszkesteto	62.18 313	P	P	22 51 14.5 +0.5
OHR	Ohrid	62.24 305	iP	P	22 51 15.5 +1.0
LANS	Liptovska Anna	62.37 315	eP	P	22 51 21.7 +6.4
LANS	Liptovska Anna	62.37 315	eP	P	22 51 21.7 +6.4
LANS	Liptovska Anna	62.37 315	eP	P	22 51 21.7 +6.4
BILL	Bilibino	62.38 24	P	P	22 51 14.7 -0.3
BILL			IAMS_20	IAMS_20	23 20 34.3
BILL	Bilibino	62.38 24	eP	P	22 51 14.7 -0.3
BILL			pmax	pmax	
BILL	comp=Z,73nm,0.7s				
BILL			MLR	MLR	
FRGS	Fruska Gora	62.49 310	iP	P	22 51 15.7 -0.4
JETT	Jettan, Norway	62.51 338	eP	IAMB	22 51 16.3 +0.4
JETT			IAMB	IAMB	22 51 30.0
JETT	comp=Z,153nm,1.1s				23 22 34.5
SJES	Sjenica	62.58 308	iP	P	22 51 16.8 0.0
HOPEN	Hopen	62.59 346	eS	SS	22 59 43.5 +0.2
HOPEN			eS	SS	23 03 52.0 -5.0
HOPEN			IAMS_20	IAMS_20	23 24 24.0
HOPEN	comp=Z,4um,17.2s				
QIS	Mount Isa	62.69 130	P	P	22 51 17.4 -0.3
QIS	Mount Isa	62.69 130	P	P	22 51 17.5 -0.1
TEKS	Tekers	62.75 309	iP	P	22 51 17.4 -0.5
YVHS	Yyhne	62.84 314	eP	P	22 51 18.8 +0.4
YVHS			pmax	pmax	
YVHS	comp=Z,1.5nm,1.1s				
YVHS	Yyhne	62.84 314	eP	P	22 51 18.8 +0.4
BBLs	Lazići	62.92 309	iP	P	22 51 18.9 -0.1
RUDO	Rudo	62.98 308	eP	P	22 51 17.8 -1.5
TRO	Tromso	63.04 338	eP	P	22 51 19.2 0.0
TRO			IAMB	IAMB	22 51 27.6
TRO	comp=Z,94nm,1.2s				
TRO			eS	SS	22 59 50.9 +1.9
TRO			eS	SS	23 03 55.8 +1.5
TRO			IAMS_20	IAMS_20	23 22 52.3
FORT	Forrest	63.18 147	P	P	22 51 20.6 -0.1
OKC	Ostrava-Krasne	63.18 315	eP	P	22 51 21.3 +0.7
OKC			MLR	MLR	
OKC	Ostrava-Krasne	63.18 315	eP	P	22 51 21.3 +0.7
OKC			AMS	AMS	23 22 00.0
MORH	Mrgy, Hungar	63.19 311	iP	P	22 51 21.1 +0.4
MORH	Mrgy, Hungar	63.19 311	iP	P	22 51 20.3 -0.4
MORH	Mrgy, Hungar	63.19 311	iP	P	22 51 19.7 -1.0
PDG	Podgorica	63.21 307	iP	P	22 51 20.9 0.0
PDG	Podgorica	63.21 307	iP	P	22 51 20.0 -0.9
PDG			IAMB	IAMB	22 51 32.6
PDG	comp=Z,76nm,1.0s				
PDG	Podgorica	63.21 307	iP	P	22 51 20.0 -0.9
SRO	Srobarova	63.25 317	eP	P	22 51 22.2 +1.1
SRO			pmax	pmax	
SRO	comp=Z,47nm,1.2s				
SRO	Srobarova	63.25 317	eP	P	22 51 22.2 +1.1
DRME	Dracevica, Mon	63.30 307	eP	P	22 51 20.7 -0.8
UPM	Unac-Piva	63.36 308	eP	P	22 51 21.7 -0.4
STEB	Stebanice	63.41 316	eP	P	22 51 22.3 +0.2
MAUC	Maruska	63.43 315	eP	P	22 51 22.6 +0.3
MAUC			AMS	AMS	23 24 10.0
KRVT	Keravat (AS076	63.47 108	LR	LR	23 17 58.8
GKP	Gorka Klasztor	63.50 319	eP	L	22 51 22.3 -0.3
GKP			L	L	23 21 54.3
GKP	comp=Z,6um,21.4s				

MORC	Moravsky Berou	63.57 315	iP	P	22 51 24.1 +0.8
MORC	Moravsky Berou	63.57 315	P	P	22 51 22.4 -0.8
MORC			IAMB	IAMB	22 51 36.1
MORC	comp=Z,67nm,1.1s				
MORC	Moravsky Berou	63.57 315	P	P	22 51 22.4 -0.8
MORC			pmax	pmax	
MORC	comp=Z,67nm,1.1s				
MORC	Moravsky Berou	63.57 315	eP	P	22 51 23.3 +0.1
JAVC	Velka Javorina	63.58 314	eP	P	22 51 24.1 +0.8
BJ01	BJornoya	63.65 343	IAMS_20	IAMS_20	23 25 34.9
BJ01			comp=Z,4um,16.0s		
VOI	Vohtsoka	63.66 229	P	P	22 51 22.8 -1.4
VOI			IAMB	IAMB	22 51 30.3
VOI	comp=Z,44nm,1.0s				
VOI	Vohtsoka	63.66 229	P	P	22 51 25.0 +0.8
VOI	Vohtsoka	63.66 229	P	P	22 51 24.3 +0.1
BRY	Bratogost	63.67 308	iP	P	22 51 23.4 -0.7
HCY	Herceg Novi	63.77 307	eP	P	22 51 22.2 -0.4
TREB	Trebjine	63.83 308	eP	P	22 51 23.6 -1.4
MPLH	Magyarpolny	63.84 313	eP	P	22 51 24.3 -0.7
MPLH	comp=Z,2um,comp=Z,157nm,1.4s				
MODS	Modra-Piesok	63.88 314	eP	P	22 51 25.2 -0.1
MODS			pmax	pmax	
MODS	comp=Z,55nm,1.3s				
MODS	Modra-Piesok	63.88 314	eP	P	22 51 25.2 -0.1
KRLO	Kraliky	64.04 316	eP	P	22 51 26.2 -0.1
KRLO			MLR	MLR	
KRLO	comp=Z,3um,20.1s				
KRLO	Kraliky	64.04 316	eP	P	22 51 26.2 -0.1
KRLO			AMS	AMS	23 22 20.0
FAUS	Fauske	64.22 335	eP	P	22 51 27.0 -0.1
FAUS			IAMB	IAMB	22 51 31.6
FAUS	comp=Z,37nm,0.8s				
FAUS			eS	SS	23 00 05.5 +1.7
FAUS			eS	SS	23 01 17.7 +4.9
FAUS			IAMS_20	IAMS_20	23 22 00.3
VRAC	Vranov	64.24 315	LR	LR	23 24 26.2
VRAC	comp=Z,19um,19.7s,baz=20,slow=4				
VRAC	Vranov	64.24 315	eP	P	22 51 27.9 +0.3
STEI	Steigen	64.26 336	eP	P	22 51 27.0 -0.3
STEI			IAMB	IAMB	22 51 40.2
STEI	comp=Z,218nm,1.8s				
STEI			eS	SS	23 00 05.5 +1.3
STEI			eS	SS	23 04 17.7 +4.4
STEI			IAMS_20	IAMS_20	23 22 37.0
KSP	Ksiaz	64.27 317	eP	P	22 51 28.1 +0.3
KSP			eS	S	23 00 06.0 +0.9
KSP			L	L	23 22 47.1
KSP	comp=Z,6um,20.5s				
KSP	Ksiaz	64.27 317	P	P	22 51 28.6 -1.0
KSP	comp=Z,906nm,comp=Z,84nm,1.2s				
DPG	Dobruska-Polom	64.30 316	eP	P	22 51 28.1 +0.

21d 22h

Table with columns: Upernavik, 82.10 351, i P, P, 22 53 12.2 -0.4, 22 53 16.9, etc. Includes rows for SML Sawmill, I27K Kandik River, CHIR Chirikof Island, etc.

2020 JUN

Table with columns: F31M, IAMS_20, IAMS_20, 23 36 49.9, etc. Includes rows for F31M Tsigehtchic, GLI Glacier Island, MENT Mentasta, etc.

1348

Table with columns: YATNC Mamie plateau, 84.58 117, P P, 22 53 27.2 +0.9, etc. Includes rows for MESJ Messejana, MESJ Messejana, MESJ Messejana, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and various numerical values. Includes entries like P32M Atlin, WRGLY Wrigley, WRGLY Wrigley, TGTN Hyland Airport, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and various numerical values. Includes entries like PDAR Pinedale Array, ELK Elko, RSKD Black Hills, F42A Maple Grove Fa, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and various numerical values. Includes entries like ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, etc.

21d 23h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like Sao Paulo, Santo Domingo, Santa Novia, etc.

IDC 21 22:42:04.2±1.3, 33.155x178.33W, h0km, mb4.1/3, mbmp4.1/4, ML4.0/1, Error ellipse: s-maj=37.6km

NEIC 21 22:42:09.5±1.6, 33.65S:0.1x178.8W:0.2, h10km, 2km, mb4.1/7, Error ellipse: s-maj=31.2km s-min=17.0km

ISC 21 22:42:06.2±1.0, 33.35S:0.1x178.5W:0.2, h10km, n25, s169N/26, mb4.1/7, 1C, South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Urewera, RTZ, BKZ, MRZ, etc.

NEIC 21 22:53:59.2±0.8, 17.90N:0.03±66.871W:0.006, h10km, 1km, ML3.3/37, MD3.5/21 (RSPR), Error ellipse: s-maj=4.9km s-min=2.5km az=3.0

OSPL 21 22:53:59.1±0.4, 17.81N:66.88W, h2km, 999km, ML3.6, Presumed earthquake

RSPR 21 22:53:59.1±0.9, 17.92N:66.88W, h6km, MD3.5/21, SDD 21 22:54:00.0±1.2, 17.96N:66.87W, h12km, 12km, MD2.9, ML3.0, MW3.1, Presumed earthquake

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like Guanica, Bosqu, MLPR, etc.

2020 JUN

Table with columns: CELP, IAML, Time, Res, ISC. Lists stations like Cerrillos, Las Mesas, LSP, etc.

IDC 21 22:57:03.2±0.3, 30.31S:177.74W, h0km, mb4.0/3, mbmp4.0/3, MS4.7/2, Error ellipse: s-maj=63.6km

NEIC 21 22:57:09.1±1.4, 30.25S:0.06±177.72W:0.09, h35km, 2km, mb4.4/8, Error ellipse: s-maj=13.9km s-min=8.8km az=66.0

ISC 21 22:57:05.4±0.9, 30.27S:0.07±177.8W:0.1, h10km, n21, s097N/18, mb4.3/6, Kermadec Islands

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

SNET 21 23:18:46.5±1.7, 14.02N:90.43W, h128km, ML3.1, Presumed earthquake

GCG 21 23:18:48.7±0.6, 14.03N:90.39W, h110km, 13km, MD3.9, ML3.7, Presumed earthquake

ISC 21 23:18:48.4±3.5, 14.0N:0.1x90.26W:0.08, h131km, 22km, n19, s104/28, 1C-2D, Guatemala

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like FG16, FG8, SLOZ, etc.

Table with columns: JAYA, IAML, Time, Res, ISC. Lists stations like JAYA, JAYA, JAYA, etc.

HEL 21 23:19:58.5±0.2, 67.85N:20.15E, h0km, ML1.6, Suspected explosion

UPP 21 23:19:58.4±0.0, 67.86N:20.19E, h0km, ML2.3, Suspected explosion, Sweden

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

NEIC 21 23:20:51.8±1.6, 17.75S:0.2x178.5W:0.1, h54km, 8km, mb4.1/3, Error ellipse: s-maj=30.3km s-min=14.1km az=187.0

IDC 21 23:20:51.4±2.3, 18.17S:178.36W, h544km, 19km, mb3.3/6, mbmp4.1/7, Error ellipse: s-maj=79.6km s-min=17.3km az=150.0

ISC 21 23:20:51.7±1.2, 17.75S:0.3x178.6W:0.3, h550km, n19, s061/21, mb4.0/9, Fiji Islands region

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Honiara, Port Moresby, Warramunga Arr, Alice Springs, WAKE ISLAND Hy, etc.

Table with columns: MLZ, Mavora Lakes, TAFS, Te Anau Fire S, etc. Includes stations like Mavora Lakes, Te Anau Fire S, Earnscloeg, Deep Cove, Lake Benmore, etc.

Table with columns: BNGR, Berralaqan, BLO, Gedabay, GDB, Gedabay, etc. Includes stations like Berralaqan, Gedabay, Ganja, Brd, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like UCR 21:23:59.12.4.0.9, CATAC 21:23:59.14.0.4.12, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WEL 22:00:33.04.1.8.33, WMGZ, WMGZ, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BRTR, AKASE, ARTI, GERES, FINES, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 22:00:04:29.5.1.5.26, MJAR, KRSR, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 22:01:06:10.1.3.38, ISHB, IMRD, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like WEL 22:00:14:06.0.4.45, MSZ, GLNy, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IDC 22:01:44:24.0.2.9, LPAZ, LPAZ, etc.

Table with columns: Station Name, Time, Res, ISC, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like LXIB Xiulin Townshi, EOSA EOSA, WHP Taichung City, etc.

IDC 22 05:31:04.5:1.7, 24.265:67.68W, h189km, 23km, mbtmp3.3/3, Error ellipse: s-maj=41.8km s-min=15.2km az=88.0

ISC 22 05:31:08.0:1.2, 24.085:06.674W, 0.1, h223km, 19km, n15, 0563/26, Chile-Argentina border region

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like PB06 IPOC Station P, PB14 IPOC Station P, PB09 IPOC Station P, etc.

DJA 22 05:45:43.7:0.4, 6.5:3*104E, h10km, M3.7/17, mB6.4/1, mb3.8/1, MLV3.7/17, Mw(MB)6.1/1, Southwest of Sumatrae

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like KASI Kota Agung, KASI Liwa, LWLI Enggano, Bengk, etc.

NOU 22 05:55:44.5, 18.83S:169.59E, h195km, MLV4.6/6, Vanuatu Islands

NEIC 22 05:55:46.8:1.1, 19.06S:0.07:169.3E, 0.1, h247km, 6km, mb4.4/24, Error ellipse: s-maj=14.6km s-min=10.6km az=77.0

IDC 22 05:55:47.6:1.8, 19.09S:169.36E, h264km, 17km, mb3.7/15, mbtmp4.3/17, Error ellipse: s-maj=14.0km s-min=12.7km az=18.0

ISC 22 05:55:46.2:0.4, 19.07S:0.06:169.32E, h246km, n83, 01514/86, mb4.3/29, 1D, Vanuatu Islands

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like MARNC Mare, Loyalty, MARNC Mare, Loyalty, YATNC Mammie plateau, etc.

Table with columns: Station Name, Time, Res, ISC, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like MBWA, VANDA, VANDA, SBA, etc.

QSPA South Pole Qui comp=2.5, 6nm, 0.8s, bsz=11, slow=0.7, SNR=19

QSPA South Pole Qui comp=2.5, 6nm, 0.8s, bsz=11, slow=0.7, SNR=19

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like PETK Petropavlovsk-Dalians, CMAR Chiang Mai Arr, CMAR Hu-ho-hao-te, etc.

SOMN Songino Array 87.13 323 P P 06 08 44.0 +0.1

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like SNAIA Sanae, SNAIA Sanae, ILAR Eielson Array, etc.

CATAC 22 06:12:32.6:0.6, 13.3°N, 90.0°W, h20km, 4km, M2.7/14, MLV2.7/14, Error ellipse: s-maj=7.2km s-min=5.8km az=38.1, confirmed

SNET 22 06:12:32.8:2.4, 13.20N:89.99W, h48km, ML2.8, Presumed earthquake

GCG 22 06:12:34.2:1.0, 13.32N:90.03W, h11km, 32km, MD3.7, Presumed earthquake

ISC 22 06:12:30.3:3.0, 13.1N:0.1x90.0W:0.1, h20km, 7km, n35, 0556/66, 3C-3D, Near coast of Guatemala

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like FAME Alcala de Sa, FAME Alcala de Sa, JAYA Jayaque - finc, etc.

Table with columns: Station Name, Time, Res, ISC, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like MTO3 Montecristo, MTO3 Montecristo, MTO3 Montecristo, etc.

IDC 22 06:20:03.0:3.4, 53.57N:88.00E, h0km, mbtmp2.7/2, ML2.5/2, Error ellipse: s-maj=32.0km s-min=19.5km az=48.0

ASRS 22 06:20:01.0:0.8, 53.57N:87.89E, h0km, M2.6(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022, Southwestern Siberia

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

ASRS 22 06:30:01.0:0.7, 54.11N:86.52E, h0km, M2.4(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022

IDC 22 06:30:03.8:2.9, 54.10N:86.46E, h0km, mbtmp2.8/2, ML2.7/2, 2C-2D, Error ellipse: s-maj=22.9km s-min=13.6km az=61.0, Southwestern Siberia

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

TAP 22 06:33:32.9, 24.78N:121.96E, h81km, ML2.3, C, Taiwan

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like EGS Suao, TWC Suao, TIPB Shuangxi, etc.

JMA 22 06:34:03.0:0.4, 25°N, 123°E, h38km, NW OFF ISHIGAKI/JIMA IS, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, ISC, h, m, s, ISC. Includes stations like YOJ Yonaguni jima, YOJ Yonaguni jima, IRIF Iriomote-Funau, etc.

ASRS 22 06:44:32.0:1.6, 54.39N:86.67E, h0km, M2.3(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022

IDC 22 06:44:35.3:3.5, 54.34N:86.62E, h0km, mbtmp2.8/2, ML2.6/2, Error ellipse: s-maj=29.7km s-min=18.2km az=44.0, Southwestern Siberia

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

NOU 22 06:49:41.0, 30.67S:176.54W, h343km, mb3.9/9, Kermadec Islands Region

IDC 22 06:49:43.9:0.7, 29.98S:179.06W, h209km, 7km, mb3.5/5, mbtmp4.2/8, Error ellipse: s-maj=19.4km s-min=16.0km az=125.0

NEIC 22 06:49:45.1:0.9, 29.9S:0.1x179.0W:0.2, h216km, 8km, mb4.4/8, Error ellipse: s-maj=27.5km s-min=10.2km az=128.0

ISC 22 06:49:42.0:0.5, 30.16S:0.06:179.1W:0.1, h200km, n82, 01566/78, mb4.0/7, Kermadec Islands region

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, Op, ISC, h, m, s, ISC. Includes station GLKZ Green Lake.

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, ISC. Includes stations like Raoul Island, Green Lake, Raukumara Rang, etc.

ADC 22 06:57:16.0, 3.5, 53.68N, 88.12E, h0km, mbtmp2.8/2, ML2.0/2, Error ellipse: s-maj=35.2km s-min=19.7km

ASRS 22 07:13:01.1, 2.5370N, 88.15E, h0km, M2.6(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, ISC. Includes stations like Zalesovo Infrac, Zalesovo Beam, etc.

ADC 22 07:11:58.1, 3.5, 33.66S, 177.91W, h0km, mb4.0/2, s-min=37.9km az=121.0

WEL 22 07:12:02.0, 1.0, 33.5, 21.1, 17.9W, 5.2, h12km, M4.3/5, mb4.0/2, ML4.4/9, Mw(MB)3.8/2, Error ellipse: s-maj=72.8km s-min=41.4km az=111.1, confirmed

NEIC 22 07:12:03.0, 0.6, 33.58S, 0.04, 178.4W, 0.3, h10km, 2km, mb4.0/5, Error ellipse: s-maj=36.7km s-min=6.2km az=88.0

ISC 22 07:12:00.2, 1.2, 33.30S, 0.09, 178.3W, 0.2, h10km, n24,

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, ISC. Includes stations like Green Lake, Raukumara Rang, Matawai, etc.

ADC 22 07:24:45.4, 3.3, 33.75S, 178.07W, h0km, mb4.0/2, mbtmp4.0/3, ML3.6/1, MS3.1/2, Error ellipse: s-maj=79.3km s-min=46.8km az=129.0

NEIC 22 07:24:47.1, 1.5, 33.9S, 0.1, 178.2W, 0.2, h10km, 1km, mb4.2/6, Error ellipse: s-maj=35.0km s-min=14.9km az=68.0

WEL 22 07:24:52.2, 1.6, 34.15S, 17.8W, 1.9, h33km, M4.4/8, ML4.7/11, MLv4.6/8, Mw(MB)3.8/4, Error ellipse: s-maj=28.3km s-min=13.3km az=123.9, confirmed

ISC 22 07:24:47.4, 1.1, 33.75S, 0.10, 178.2W, 0.2, h10km, n38, s1566/44, mb4.1/6, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, ISC. Includes stations like Raoul Island, Raukumara Rang, Matawai, etc.

WEL 22 07:33:14.0, 1.1, 31.8S, 8.17E, h12km, M4.6/2, mb4.8/1, ML4.5/6, MLv4.6/2, Mw(MB)4.1/1, Error ellipse: s-maj=18.6km s-min=4.6km az=121.5, confirmed, Kermadec Islands region

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, ISC. Includes stations like Green Lake, Raukumara Rang, etc.

ADC 22 07:25:52.4, 2.5, 67.02N, 10.03E, h0km, mbtmp2.9/4, ML2.1/4, Error ellipse: s-maj=29.7km s-min=17.2km az=113.0

NAO 22 07:25:54.3, 0.6, 67.03N, 10.00E, h10km, ML2.5 BER 22 07:25:55.2, 7.6, 67.97N, 9.84E, h12km, 16km, Mw3.1, ML2.5(NAO), Confirmed Earthquake

UPP 22 07:25:56.7, 2.6, 66.82N, 10.62E, h0km, ML2.1, Presumed earthquake

ISC 22 07:25:50.9, 1.8, 67.03N, 0.04, 9.71E, 0.08, h10km, n46, s6237/84, Norwegian Sea

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, ISC. Includes stations like Vaagaholmen, etc.

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, ISC. Includes stations like Stokkvaagen, Leirfjorden, etc.

WEL 22 07:36:51.9, 0.7, 46.07N, 152.39E, h0km, mb3.8/14, mbtmp3.8/16, ML2.7/2, MS3.1/13, Error ellipse: s-maj=21.4km s-min=16.7km az=141.0

Table with columns: Code, Station Name, Az, Op, Phase, ISC, Time, Res, ISC. Includes stations like Green Lake, Raukumara Rang, etc.

ADC 22 07:36:55.9, 1.1, 46.05N, 152.49E, h38km, mb4.2/13, Error ellipse: s-maj=10.1km s-min=6.6km az=68.0

SKHL 22 07:36:57.3, 0.4, 46.00N, 152.50E, h5km, 5km, mb5.2/5 s-maj=72.8km s-min=41.4km az=111.1, confirmed

NEIC 22 07:36:57.7, 1.3, 46.1N, 0.1, 152.4E, 0.1, h35km, 2km, mb4.2/5, Error ellipse: s-maj=19.9km s-min=12.6km az=143.0

ISC 22 07:36:57.4, 0.5, 45.99N, 0.07, 152.51E, 0.06, h41km, n158, s1920/148, mb4.2/43, MS3.1/9, 2C-3D, East of Kuril Islands

I20K	Naaghedeneel	15.58	26	Pn	Pn	07 47 38.5	-3.0
MID	Middleton Isla	15.64	41	Pn	Pn	07 47 41.2	-1.1
HIN	Hinchinbrook I	15.92	47	Pn	Pn	07 47 45.5	-0.5
TRF	Thorfare Moun	15.94	34	Pn	Pn	07 47 46.7	+0.3
FID	Port Fidalgo	16.07	46	Pn	Pn	07 47 47.5	-0.4
FID				Iamb	Iamb	07 48 04.8	
F19K	Shalericuk Mo	16.51	18	Pn	Pn	07 47 53.0	-0.5
DIV	Divide	16.54	45	Pn	Pn	07 47 53.3	-0.6
DIV				Iamb	Iamb	07 48 03.6	
comp=Z,3.2nm,0.6s							
BERG	Berg Lake	17.21	49	Pn	Pn	07 48 01.6	-0.7
GLB	Gilalina Butte	17.53	46	Pn	Pn	07 48 05.5	-0.8
GLB				Iamb	Iamb	07 48 28.1	
comp=Z,5.9nm,1.3s							
C18K	Utukok River	17.65	11	Pn	Pn	07 48 05.9	-1.8
C18K				Iamb	Iamb	07 48 12.3	
comp=Z,9.5nm,1.4s							
RIDG	Independent Ri	18.12	38	Pn	Pn	07 48 11.2	-2.3
RIDG				Iamb	Iamb	07 48 39.2	
comp=Z,6.5nm,1.4s							
MENT	Mentasta	18.18	41	P	P	07 48 14.3	0.0
MENT				Iamb	Iamb	07 48 26.6	
comp=Z,9.3nm,1.2s							
J25K	Salcha River	18.38	35	P	P	07 48 14.4	-2.1
BCAR	Beaver Creek A	19.04	42	P	P	07 48 23.9	+0.2
PETK	Petrovayovsk	19.45	287	P	P	07 48 27.8	-0.3
M29M	Somme Creek	20.25	45	P	P	07 48 37.4	+0.5
I27K	Kandik River	20.25	35	P	P	07 48 36.5	-0.4
I27K				Iamb	Iamb	07 48 54.8	
comp=Z,4.2nm,1.5s							
HYT	Haines Junctio	20.28	50	P	P	07 48 36.3	-1.0
HYT				Iamb	Iamb	07 48 55.6	
comp=Z,3.5nm,1.0s							
S31K	Pelican	20.54	59	P	P	07 48 39.7	-0.3
I28M	Miner Creek	20.80	37	P	P	07 48 42.7	-0.1
WHY	Whitehorse	21.51	51	P	P	07 48 49.0	-1.6
WHY				Iamb	Iamb	07 49 12.2	
comp=Z,7.8nm,0.7s							
H29M	Whitestone	21.72	36	P	P	07 48 51.6	-1.0
H29M				Iamb	Iamb	07 49 00.6	
comp=Z,6.1nm,1.4s							
I30M	Mount Dempster	22.06	39	P	P	07 48 55.1	-1.3
I30M				Iamb	Iamb	07 49 02.4	
comp=Z,3.8nm,1.5s							
G29M	Pine Creek	22.16	34	P	P	07 48 57.6	+0.2
G29M				Iamb	Iamb	07 49 07.4	
comp=Z,7.0nm,1.5s							
Q32M	Nakina River	22.66	56	P	P	07 49 02.8	-0.3
Q32M				Iamb	Iamb	07 49 17.5	
comp=Z,7.8nm,1.4s							
G30M	taoah Zraii Nji	22.83	35	P	P	07 49 03.9	-0.6
G30M				Iamb	Iamb	07 49 07.3	
comp=Z,2.8nm,1.4s							
V35K	Ketchikan	23.18	65	P	P	07 49 07.9	-0.1
INK	Inuvik	24.33	33	P	P	07 49 17.9	-0.9
INK				Iamb	Iamb	07 49 20.2	
comp=Z,4.6nm,1.5s							
MKAR	Makanchi Array	63.85	313	P	P	07 54 33.6	+0.2
ABKAR	Akakul array	70.73	328	P	P	07 55 17.7	+0.8

WHYT	Yuchr	0.87	11	eS	eS	07 48 42.0	+1.0
TAW	Tawu	0.67	176	eP	eP	07 48 36.5	+0.1
TAW				eS	eS	07 48 45.1	0.0
LDUT	Ludao	0.68	121	eP	eP	07 48 37.1	-0.5
LDUT				eS	eS	07 48 47.8	+0.6
SCZT	Fangliu	0.68	197	eS	eS	07 48 47.8	+0.2
SCZT				eP	eP	07 48 43.7	-1.9
WGK	Gukeng	0.70	339	eP	eP	07 48 39.0	-0.8
WGK				eS	eS	07 48 49.6	-1.3
TGSK	Chigu Township	0.70	280	eP	eP	07 48 38.5	+0.4
TGSK				eS	eS	07 48 50.0	-0.5
HGSD	Ruisui	0.71	491	eP	eP	07 48 49.3	-1.7
HGSD				eS	eS	07 48 38.8	-1.2
WDLH	Douliu	0.71	337	eP	eP	07 48 49.2	+0.9
WDLH				eS	eS	07 48 51.1	-1.6
WDL	Douliu City	0.74	338	eS	eS	07 48 51.3	-0.4
WDL	Shulin Townsh	0.75	311	eP	eP	07 48 50.1	+0.9
WDL				eS	eS	07 48 37.8	-0.5
WDL				eP	eP	07 48 51.0	-1.5
WTK	Tuku	0.78	328	eP	eP	07 48 39.2	-0.1
WTK				eS	eS	07 48 51.1	-1.6
WLCH	Liuqu	0.80	212	eP	eP	07 48 42.0	+1.0
SLIU	Shizi	0.81	183	eP	eP	07 48 39.1	+0.1
TWP	Hsiaoliuchiu	0.81	213	eP	eP	07 48 42.4	+1.1
TWP				eS	eS	07 48 57.9	+4.4
WSF	Szhu	0.83	317	eS	eS	07 48 53.1	-1.0
WARBT	Fenglin Townsh	0.85	361	eP	eP	07 48 39.2	-0.7
WARBT				eS	eS	07 48 52.1	+1.0
SMLT	Sun Moon Lake	0.85	4	eP	eP	07 48 40.2	-0.4
SMLT				eS	eS	07 48 53.9	-0.9
WNT	Mingjian	0.86	350	eP	eP	07 48 41.3	-0.6
WNT				eS	eS	07 48 54.1	-0.6
TYC	Yuchr	0.87	11	eS	eS	07 48 42.0	+1.0
TYC				eP	eP	07 48 55.2	+1.0
ESL	Shilin	0.95	35	eP	eP	07 48 41.9	-0.4
RLNB	Erlin	0.97	333	eP	eP	07 48 56.4	-1.0
WRL	Guelierlin Hig	0.97	334	eP	eP	07 48 42.5	0.0
OWD	Renai	0.97	18	eP	eP	07 48 55.7	+0.1
WUSB	Renai	0.99	15	eP	eP	07 48 41.6	-1.0
SMST	Manzhou Townsh	1.00	180	eP	eP	07 48 58.4	+0.1
SMST				eS	eS	07 48 42.9	+0.4
SHUL	Shoufeng	1.01	41	eP	eP	07 48 42.9	-0.3
HEH	Hengchun	1.02	185	eP	eP	07 48 45.9	+0.2
HEH				eS	eS	07 48 58.5	-0.3
WCS	Beigang Elemen	1.03	4	eP	eP	07 48 43.6	0.0
WCS				eS	eS	07 48 59.2	+0.3
TWK1	Hengchun	1.08	182	eP	eP	07 48 45.3	+0.4
TWK1				eS	eS	07 48 40.1	-0.1
WCHH	Zhanghua	1.08	346	eP	eP	07 48 44.6	-0.4
WCHH				eS	eS	07 49 00.2	0.0
TWKBT	Hengchun	1.08	181	eP	eP	07 48 45.0	-0.1
TWKBT				eS	eS	07 49 01.2	+1.0
TEYL	Yanliu Villag	1.09	40	eP	eP	07 48 44.9	-0.2
ETYL	Tongmen	1.11	33	eP	eP	07 48 41.9	-0.1
ETM				eS	eS	07 49 01.3	+0.4
WDGT	Dunji	1.11	282	eP	eP	07 48 44.5	-0.4
WDGT				eS	eS	07 49 00.3	-0.7
WXH	Xiulin Townshi	1.12	28	eP	eP	07 48 43.9	-1.2
WXH				eS	eS	07 48 51.9	+0.2
TSEB	Hengchuen, Pin	1.12	177	eP	eP	07 48 47.1	-1.6
TSEB				eS	eS	07 49 04.0	+2.8
TCU	Taichung	1.12	352	eP	eP	07 48 46.1	+0.5
TCU				eS	eS	07 49 02.7	+1.4
HWA	Hwalian	1.18	36	eP	eP	07 48 46.7	+0.4
WLF	Hehuan Shan	1.18	19	eP	eP	07 48 45.0	-0.1
LYUB	Lan-yu	1.23	146	eP	eP	07 48 45.0	-2.1
WHP	Taichung City	1.25	4	eP	eP	07 48 47.9	+0.4
WHP				eS	eS	07 49 06.0	+1.5
TDCB	Techi	1.25	13	eP	eP	07 48 47.5	-0.1
TDCB				eS	eS	07 49 05.8	+1.1
TWB	Chiawan	1.26	33	eP	eP	07 49 04.4	-0.1
TWT	Tachien	1.26	14	eP	eP	07 48 47.3	-0.3
TWT				eS	eS	07 49 05.0	+0.1
PHUB	P'eng-hu	1.26	293	eP	eP	07 48 46.5	-1.0
PHUB				eS	eS	07 49 03.8	-0.3
FUSH	Fushou	1.27	17	eP	eP	07 48 46.5	+0.5
FUSH				eS	eS	07 49 02.7	+1.9
PNG	Penghu	1.30	295	eP	eP	07 48 47.1	-0.9
PNG				eS	eS	07 49 04.4	-0.6
VCHM	Qimei	1.31	278	eP	eP	07 48 47.2	-0.9
VCHM				eS	eS	07 48 51.2	+1.3
ETHL	Xiulin Townshi	1.31	26	eP	eP	07 48 48.1	-0.4
ETHL				eS	eS	07 49 07.0	+0.9
NACB	Nianganchiao	1.33	31	eP	eP	07 48 47.4	-1.1
NACB				eS	eS	07 48 48.2	-0.4
ENSL	Fush Village	1.34	32	eP	eP	07 48 50.6	0.0
ENSL	Datong	1.48	20	eP	eP	07 48 51.3	-0.1
NNS	Nan Shan	1.49	19	eP	eP	07 48 51.3	-0.2
NNS				eS	eS	07 49 12.4	+1.0
EAHA	Aohua	1.54	32	eP	eP	07 48 52.1	-0.2
NSIT	Nanjiang	1.60	5	eP	eP	07 48 54.7	+0.4
NSIT				eS	eS	07 49 01.0	+1.0
NFF	Wufeng Townshi	1.62	9	eP	eP	07 48 51.0	-0.3
NFF				eS	eS	07 49 16.5	+1.0
LIOB	Emei	1.62	6	eP	eP	07 48 53.6	-0.1
LIOB				eS	eS	07 49 15.9	+0.4
LATG	Datong	1.63	23	eP	eP	07 48 53.5	-0.4
LATG				eS	eS	07 49 24.6	+1.5
EWUT	Wuta	1.65	31	eP	eP	07 48 53.8	-0.5
EWUT				eS	eS	07 49 16.6	0.0
NDT	Datong Townsh	1.69	21	eP	eP	07 48 54.9	+0.1
YHNB	Yeheng	1.71	17	eP	eP	07 48 54.8	-0.4
YHNB				eS	eS	07 49 18.0	-0.4
NSK	Sanguang	1.71	16	eP	eP	07 48 57.7	-0.6
NSK				eS	eS	07 49 19.3	+0.9
ENTT	Nioudou	1.74	22	eP	eP	07 48 56.3	-0.5
ENTT				eS	eS	07 49 20.8	+1.4
EOS4	EOS4	1.74	51	eP	eP	07 48 53.7	-0.0
EOS4				eS	eS	07 49 17.0	-0.4
KSH	Guanxi Townshi	1.77	10	eP	eP	07 48 56.2	0.0
KSH				eS	eS	07 48 56.7	+0.1
NDS	Dongshan	1.79	26	eP	eP	07 49 22.6	+1.6
NDS				eS	eS	07 48 56.7	-0.5
TWC	Suao	1.83	30	eP	eP	07 49 22.0	-0.3
TWC				eS	eS	07 49 22.8	+0.0
NWLT	Wulai	1.84	19	eP	eP	07 48 56.0	+0.6
NWLT				eS	eS	07 48 58.2	-0.8
EOS3	EOSS	1.84	47	eP	eP	07 49 23.4	+0.5
EOS3	Neicheng	1.85	24	eP	eP	07 48 57.4	-0.3
TWE	Fushanzhiwuyua	1.85	21	eP	eP	07 48 57.4	-0.3
TWE				eS	eS	07 49 24.6	+1.5
TUSB	EOSS	1.88	42	eP	eP	07 48 56.8	-1.3
EOSS	Mucha	2.06	19	eP	eP	07 49 02.3	-0.7
EOSS				eS	eS	07 49 01.5	+0.2
TIPB	Shuangxi	2.07	25	eP	eP	07 49 01.6	+0.9
TIPB				eS	eS	07 49 02.8	-1.2
WFSB	Wu-fen Shan	2.21	23	eP	eP	07 49 02.8	-1.2
WFSB				eS	eS	07 49 33.3	-1.2
YMO1	YMO1	2.21	17	eP	eP	07 49 04.1	

22d 8h

Table with columns: SEW, Seward, 75.54, 31, P, P, 08 14 27.8 -0.2, etc. Lists various locations and their corresponding data points.

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Table with columns: EIL, Elat, 77.52, 297, LR, LR, 08 53 26.3, etc. Lists various locations and their corresponding data points.

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Table with columns: A36M, Sachs Harbour, 81.11, 17, P, P, 08 14 58.5 -0.1, etc. Lists various locations and their corresponding data points.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MAW, PPT2, SFJD, KEST, VVND, etc.

ADC 22:08:14.34.8.2.6.51.64N.161.31E, h0km, mb3.6/7, mbmp3.6/9, ML3.1/2, Error ellipse: s-maj=70.0km s-min=19.5km az=12.0

KRSC 22:08:14.36.4.0.9.51.76N.161.44E, h54km, 28km, ML4.0, ISC 22:08:14.36.4.0.9.51.76N.161.39E.0.05, h10km, n35, s180/42, mb3.6/7, Off east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SPN, NLC, RUS, DALK, etc.

AFAD 22:08:18:38.3.38-41N-145.15E, h7km, 4km, ML2.4, NSSP 22:08:18:39.4.38-48N-145.12E, h10km, Ms3.0, AZER 22:08:18:39.0.38-43N-145.15E, h10km, ml2.9, TEH 22:08:18:41.5.38-34N-145.29E, h12km, 30km, ML2.9, Presumed earthquake

ISC 22:08:18:43.3.38-61N-144.75E, h5km, ML2.6/6, ISC 22:08:18:39.6.1.38-43N-102.45.17E.0.02, h12km, gkm, n42, s141/69, 11C-SD, Iran-Armenia-Azerbaijan border region

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

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

ADC 22:08:25:01.1.3.9.09N-40.45W, h0km, mb3.9/5, mbmp3.9/5, MS3.5/8, Error ellipse: s-maj=48.4km s-min=31.7km az=10.0

NEIC 22:08:25:03.0.1.2.9.09N-0.05-40.60W:0.10, h10km, 1km, mb4.7/24, Error ellipse: s-maj=17.2km s-min=7.0km az=70.0

ISC 22:08:25:02.3.0.6.9.1N-0.1.40.58W-0.10, h10km, n41, s180/27, mb4.5/12, MS3.4/7, Central Mid-Atlantic Ridge

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like D25K, KNK, I21K, etc.

ISC 22:08:27:54.9.0.7.60.42S-34.14W, h0km, mb4.3/8, mbmp4.3/9, ML3.9/1, MS3.9/21, Error ellipse: s-maj=33.1km s-min=17.4km az=75.0

NEIC 22:08:27:56.1.1.2.60.50S-0.08-34.1W:0.2, h10km, 1km, mb4.8/39, Error ellipse: s-maj=16.2km s-min=13.3km az=70.0

GCMT 22:08:28:00.1.0.3.60.65S-0.03-34.18W:0.07, h19km, 1km, MV4.9/72, Moment Tensor Solution, s18c18, s72c95, Duration: 0, Moment Inversion, Scale 1016Nm, Mr-1.97e-24, N1-42.15, Mw0.54, 15, Mw0.62, 34, Mw2.03, 11, Mw3.35, 36, Best double couple: M2.61900e+10, NP1=0.43, 0.0000, 0.88, 0.0000, lambda-1.01, 0.0000, NP2=0.23, 0.0000, 0.83, 0.0000, lambda-81.0000, Principal axes: T 3.1570, P1g8.0000, Azm321.0000, N-1.0770, P1g7.0000, Azm52.0000, P-2.0810, P1g80.0000, Azm183.0000, nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s, Triangular moment-rate function

ISC 22:08:27:55.8.0.4.60.50S-0.07-34.02W:0.08, h10km, n87, s180/57, mb4.8/22, MS4.0/18, 7C, Scotia Sea

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

Table of seismic events with columns for station name, magnitude, time, and location. Includes events like Isla de Pascua, Cruzeiro do Su, and various stations in the region.

Table of seismic events with columns for station name, magnitude, time, and location. Includes events like WEL 22:08:31.16, M3.9/7, and various stations in the region.

Table of seismic events with columns for station name, magnitude, time, and location. Includes events like IDC 22:08:34.25, m=3.1, and various stations in the region.

Table of seismic events with columns for station name, magnitude, time, and location. Includes events like ASRS 22:08:36.0, m=2.9, and various stations in the region.

Table of seismic events with columns for station name, magnitude, time, and location. Includes events like NEIC 22:08:45.0, m=1.7, and various stations in the region.

Main table of seismic events with columns for station name, magnitude, time, and location. Includes events like El Naranjo, Pavencul, and various stations in the region.

Table of seismic events with columns for station name, magnitude, time, and location. Includes events like Q24A Divide, PV01 Paradox Valley, and various stations in the region.

GCG 22:09:02:38.8, 1.7, 15.63N, 90.09W, h13km, 17km, MD3.9, Presumed earthquake

Table of seismic events with columns for station name, magnitude, time, and location. Includes events like APG El Apazole, ZAFR2 Estanzuela, Za, and various stations in the region.

REN 22:09:18:35.7, 0.5, 38.18N, 0.02, 117.80W, 0.02, h10km, 2km, Error ellipse: s-maj=3.0km s-min=1.9km az=169.0

Table of seismic events with columns for station name, magnitude, time, and location. Includes events like COLR Columbus, MINA Mina Array Sit, and various stations in the region.

Table with columns: PDGK, Time, Az, El, Station Name, Code, Station Name, Az, El, Time, Res, Phase ID, Op, h, m, s, ISC. Includes stations like KNOX, KAPS, TDK, WUS, ARXS, etc.

Table with columns: Code, Station Name, Az, El, Time, Res, Phase ID, Op, h, m, s, ISC. Includes stations like HAZ, WNGZ, PKGZ, etc.

Table with columns: Code, Station Name, Az, El, Time, Res, Phase ID, Op, h, m, s, ISC. Includes stations like PB08, PB08, PB08, etc.

WEL 22 10:41:01.4 ± 1.34 S ± 7.119 E ± 2.1, h12km, M4.0/8, ML3.9/12, MLV4.0/8, Error ellipse: s-maj=27.3km s-min=8.1km az=100.1, confirmed, South of Kermadec

22d 10h

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like COEG Centro de Oper, TECO Alcaldia de Te, TECO Alcaldia de Te, etc.

IDC 22 10:55:55.5:2.0, 8.57S:130.21E, h0km, mb3.9/1, mbtm3.3/4, ML2.7/3, Error ellipse: s-maj=67.1km

Table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

IDC 22 10:55:57.3:0.4, 3.56N:126.40E, h0km, mb4.5/26, mbtm4.5/29, ML4.1/3, MS3.4/11, Error ellipse: s-maj=21.8km

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

IDC 22 10:56:04.6:0.3, 3.63N:104.42E, h53km, n277, r140/265, mb4.6/69, MS3.8/8, 1C, Talaud Islands

Large table with columns: Code, Station Name, Azimuth, Elevation, Phase, ID, Time, Res. Lists numerous stations including Sangihe, Manado, Ternate, Davao City, etc.

2020 JUN

Main table with columns: WRA, WRA, MBWA, KRVT, AS31, ASAR, ASAR, ASAR, NJ2, NJ2, JNU, CTA, CTA, CMAR, CHTO, KSR5, KSR5, KSR5, INKA, INKA, XAN, XAN, HNS, HNS, EIDS, EIDS, BJ2, BJ2, BJ2, STK, STK, STK, HHC, HHC, SHL, SHL, MDJ, MDJ, MDJ, XLT, XLT, XLT, EVN, EVN, HILR, HILR, HEH, HEH, DZM, DZM, SONMI, SONMI, SONMI, WMQ, WMQ, PETK, PETK, PDGK, PDGK, MKAR, MKAR, MKAR, KDJ, KDJ, ZALV, ZALV, RPZ, RPZ, KURBB, KURBB, KURK, KURK, GAR, GAR, KK31, KK31, KK31, BVAR, BVAR, BVAR, BORK, BORK, TIXI, TIXI, TIXI, AB31, AB31, AB31, ARTI, ARTI, ARTI, K13K, K13K, M13K, M13K, SDPT, SDPT, L14K, L14K, CHNA, CHNA, N14K, N14K, O14K, O14K, M14K, M14K, G15K, G15K, L15K, L15K, K15K, K15K, M15K, M15K, C16K, C16K, H16K, H16K, J16K, J16K, I17K, I17K, L16K, L16K. Includes station names like Warramunga Arr, Marble Bar, Keravat, Alice Springs, etc.

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Table with columns: D17K, N16K, M16K, O16K, J17K, L17K, K17K, O17K, E18K, E18K, E18K, M17K, P17K, Q17K, L18K, N18K, P18K, Q18K, C19K, M18K, H19K, J19K, O19K, N19K, L19K, M19K, F20K, B20K, E20K, K20K, K20K, J20K, M20K, O20K, C21K, B21K, B21K, E21K, PPLA, A22K, CHUM, CAST, CAST, I21K, BR2E, B22K, F22K, V22K, V22K, L22K, L22K, H22K, G22K, E22K, E22K, MLY, M22K, TRF, RC01, RC01, SEW, D23K, COLD, COLD, COLD, G23K, G23K, PMR, C23K, H23K, H23K, I23K, I23K, NEA2, MCK, E23K, E23K, TOLK, KNK, WAT1, SML, SML. Includes station names like Noatak River, Nishlik Lake, Timber Creek, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like D24K Happy Valley, E24K Your Creek, M23K Glacier View, etc.

ICC 22 11:02:12.8±1.5, 33°47'S; 178°45'W, h0km, mb4.3/5, mbmp4.3/6, ML4.2/1, MS3.7/2, Error ellipse: s-maj=35.2km s-min=31.3km az=87.0
NEIC 22 11:02:13.0±1.4, 33°55'S; 178°1'W, h0km, 2km, mb4.2/6, Error ellipse: s-maj=33.2km s-min=22.9km az=81.0
ISC 22 11:02:13.6±0.9, 33°45'S; 0.10x178°4W, 0.2, h10km, n22, c0711/23, mb4.3/8, 1C-2D, South of Kermadec Islands

ICC 22 11:07:28.1±1.1, 34°73'N; 25°39'E, h0km, mb3.7/7, mbmp3.6/13, ML3.4/6, Error ellipse: s-maj=21.1km s-min=9.3km az=42.0
ISK 22 11:07:34.1, 34°88'N; 25°10'E, h19km, ML3.3/13
ATH 22 11:07:35.4, 34°91'N; 25°10'E, h2km, 2km, ML3.4/8, Latitude uncertainty: 1 km; Longitude uncertainty: 0 km
AFAD 22 11:07:35.4, 35°02'N; 25°46'E, h10km, 5km, ML2.9
THE 22 11:07:36.1, 35°13'N; 25°52'E, h24km, 1km, ML3.0/10, ML3.3/10

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like NPS Neapolis, YUK3 Moose Creek, YUK8 Steele Glacier, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like IZZE, SABU Mula-Dalaman, LTK Loutraki, etc.

WEL 22 11:25:30.1±1.2, 31°S; 107°19'E; 1.6, h12km, M4.6/3, m5.4/2, ML4.4/9, ML4.6/3, Mw(mb)4.8/2, Error ellipse: s-maj=23.9km s-min=3.2km az=120.4, confirmed, Kermadec Islands region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like GNI Garni, ILAR Eielson Array, DLBC Dease Lake, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ANKY Antikythira Is, THERA Ancient Thera, THERA Ancient Thera, etc.

ISC 22-12-03:26.0, 3.2, 33.23S-178.45W, h0km, mb3.7/1, mltmp3.7/3, ML3.0/1, Error ellipse: s-maj=73.7km s-min=37.3km az=118.0, South of Kermadec Islands

ISC 22-12-18:35.0, 0.8, 66.21N-18.56W, h0km, mb3.6/8, mltmp3.7/10, ML3.5/2, MS3.5/35, Error ellipse: s-maj=23.4km s-min=15.7km az=164.0

ISC 22-12-18:37.7, 3.0, 66.70N-18.06W, h0km, mb3.7/1, mltmp3.7/3, ML3.0/1, Error ellipse: s-maj=73.7km s-min=37.3km az=118.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, URZ Urewera, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TLK Tuckaleechee C, EIL Eilat, BBB Bella Bella, etc.

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

ISC 22-12-18:35.0, 0.8, 66.21N-18.56W, h0km, mb3.6/8, mltmp3.7/10, ML3.5/2, MS3.5/35, Error ellipse: s-maj=23.4km s-min=15.7km az=164.0

ISC 22-12-18:37.7, 3.0, 66.70N-18.06W, h0km, mb3.7/1, mltmp3.7/3, ML3.0/1, Error ellipse: s-maj=73.7km s-min=37.3km az=118.0, South of Kermadec Islands

ISC 22-12-18:35.0, 0.8, 66.21N-18.56W, h0km, mb3.6/8, mltmp3.7/10, ML3.5/2, MS3.5/35, Error ellipse: s-maj=23.4km s-min=15.7km az=164.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ISIG Siglufjorour, ISIG Siglufjorour, IGRI Grimsey, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AAK Ala-Archa, TLY Talya, ELK Elko, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like ANMO Albuquerque, SONM Songo Array, TXAR Txar, etc.

ISC 22-12-18:35.0, 0.8, 66.21N-18.56W, h0km, mb3.6/8, mltmp3.7/10, ML3.5/2, MS3.5/35, Error ellipse: s-maj=23.4km s-min=15.7km az=164.0

ISC 22-12-18:37.7, 3.0, 66.70N-18.06W, h0km, mb3.7/1, mltmp3.7/3, ML3.0/1, Error ellipse: s-maj=73.7km s-min=37.3km az=118.0, South of Kermadec Islands

ISC 22-12-18:35.0, 0.8, 66.21N-18.56W, h0km, mb3.6/8, mltmp3.7/10, ML3.5/2, MS3.5/35, Error ellipse: s-maj=23.4km s-min=15.7km az=164.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SHLS Shalkode, SHLS Shalkode, PDGK Podgornoye, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DJR Jarkent, DJR Jarkent, DJS Djerba, etc.

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

ISC 22-12-20:27.6, 2.8, 41.94N-81.85E, h0km, mb3.1, mpv2.6, Error ellipse: s-maj=20.0km s-min=10.1km az=155.0

ISC 22-12-20:27.3, 4.2, 10N-81.60E, h5km, SOME 22-12-20:27.3, 4.2, 10N-81.60E, h5km, ISC 22-12-20:23.2, 3.1, 42.1N-0.1, 81.92E, 0.08, h16km, n8, m1, 11.7, 5C-30, Northern Xinjiang

ISC 22-12-20:27.6, 2.8, 41.94N-81.85E, h0km, mb3.1, mpv2.6, Error ellipse: s-maj=20.0km s-min=10.1km az=155.0

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

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

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

ISC 22-12-03:26.0, 3.2, 33.23S-178.45W, h0km, mb3.7/1, mltmp3.7/3, ML3.0/1, Error ellipse: s-maj=73.7km s-min=37.3km az=118.0, South of Kermadec Islands

ISC 22-12-18:35.0, 0.8, 66.21N-18.56W, h0km, mb3.6/8, mltmp3.7/10, ML3.5/2, MS3.5/35, Error ellipse: s-maj=23.4km s-min=15.7km az=164.0

ISC 22-12-18:37.7, 3.0, 66.70N-18.06W, h0km, mb3.7/1, mltmp3.7/3, ML3.0/1, Error ellipse: s-maj=73.7km s-min=37.3km az=118.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SOEG Soedalen, JMJC Jan Mayen, DNB Daneborg, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AKUM Antalya-Kumlic, AKUM Antalya-Kumlic, AKUM Antalya-Kumlic, etc.

ISC 22-12-03:26.0, 3.2, 33.23S-178.45W, h0km, mb3.7/1, mltmp3.7/3, ML3.0/1, Error ellipse: s-maj=73.7km s-min=37.3km az=118.0, South of Kermadec Islands

ISC 22-12-18:35.0, 0.8, 66.21N-18.56W, h0km, mb3.6/8, mltmp3.7/10, ML3.5/2, MS3.5/35, Error ellipse: s-maj=23.4km s-min=15.7km az=164.0

ISC 22-12-18:37.7, 3.0, 66.70N-18.06W, h0km, mb3.7/1, mltmp3.7/3, ML3.0/1, Error ellipse: s-maj=73.7km s-min=37.3km az=118.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like SOEG Soedalen, JMJC Jan Mayen, DNB Daneborg, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AKUM Antalya-Kumlic, AKUM Antalya-Kumlic, AKUM Antalya-Kumlic, etc.

NOA	NORSAR Array B	25.35 346	P	P	12 26 57.3 -0.4
comp=2.0,4nm,0.6s,baz=155,slow=8.9,SNR=1.9					
EKA	Eskdalemuir Ar	28.82 326	P	P	12 27 02.2 +0.4
comp=2.6nm,1.0s,baz=120,slow=14,SNR=3.5					
TORD	Torodi Ar. Bea	29.78 231	P	P	12 27 12.5 +1.8
comp=2.1,8nm,0.7s,baz=34,slow=8.5,SNR=9.9					
ARCES	ARCCESS Array B	35.44 0	P	P	12 27 58.3 -1.4
comp=2.2,6nm,1.0s,baz=171,slow=8.6,SNR=3.9					
ARCES	ARCCESS Array B	35.44 0	P	P	12 27 58.5 -1.2
ARSB	Arslanbob	38.18 65	P	P	12 28 20.0 -1.6
comp=2.2,7nm,0.7s					
BOOM	Boomskeye ush	40.27 63	P	P	12 28 39.9 -1.2
comp=2.5,3nm,1.3s					
KURBB	Kurchatov Arra	41.83 50	P	P	12 28 53.9 +0.3
comp=2.0,9nm,0.5s,baz=277,slow=8.8,SNR=8.8					
KURBB					12 47 27.4
comp=2.46nm,19.7s,baz=176,slow=38					
SPB2	Spitsbergen Ar	44.28 357	P	P	12 29 13.1 0.0
SPITS	Spitsbergen Ar	44.28 357	P	P	12 29 13.2 +0.3
comp=2.3nm,0.8s,baz=161,slow=7.8,SNR=4.2					
MKAR	Makanchi Array	44.41 56	P	P	12 29 15.0 +0.5
comp=2.1,2nm,0.6s,baz=279,slow=5.8,SNR=7.6					
MKAR	Makanchi Array	44.41 56	P	P	12 29 13.5 -1.0
KBS	Kingsbay	45.22 356	P	P	12 29 20.8 +0.2
comp=2.1,2nm,0.6s					
ZAAO	Zalesovo Array	45.77 45	P	P	12 29 23.6 -1.6
ZAAO	Zalesovo Beam	45.77 45	P	P	12 29 31.2
comp=2.2,8nm,0.5s					
ZALV	Zalesovo Beam	45.77 45	P	P	12 29 24.7 -0.5
SONM	Songino Array	60.20 50	P	P	12 31 12.8 +0.9
comp=2.0,5nm,0.5s					
SOMM	Songino Array	60.20 50	P	P	12 31 11.3 -0.6
SCHQ	Schefferville	63.90 320	P	P	12 31 37.0 +0.5
B20K	Meade River	76.13 1	P	P	12 32 50.6 -0.7
C23K	Itkillik River	76.27 358	P	P	12 32 51.6 +0.5
comp=2.3,1nm,1.4s					
E29M	Blow River	76.98 354	P	P	12 32 57.3 +1.1
E29M					12 33 25.7
comp=2.4,8nm,1.4s					
D23K	Nanushuk River	77.14 358	P	P	12 32 57.6 +0.5
D23K					12 33 36.2
E21K	Killik River	77.72 360	P	P	12 33 01.1 +0.8
E21K					12 33 36.2
E22K	Anaktuvuk Pass	78.00 359	P	P	12 33 02.3 +0.3
E22K					12 33 08.7
F21K	Alatna River	78.94 359	P	P	12 33 07.5 +0.4
F21K					12 33 22.3
H29M	Whitestone	79.14 353	P	P	12 33 18.7 +0.5
H29M					12 33 18.6
comp=2.5,1nm,1.4s					
R55A	Marlinton	79.98 310	P	P	12 33 13.4 +0.1
R55A					12 33 27.6
IMAR	Indian Mountai	80.18 360	P	P	12 33 14.5 +0.7
EPL0	Experimental L	80.48 325	P	P	12 33 15.5 -0.2
EPL0					12 33 22.6
H21K	Melozitna Rive	80.50 359	P	P	12 33 14.9 -0.7
H21K					12 33 18.1
ILAR	Eielson Array	81.20 357	P	P	12 33 20.1 +0.8
ILAR	Eielson Array	81.20 357	P	P	12 33 20.0 +0.7

IDC 22:12:45.9,1.9,33.10S;-178.13W,h0km,m4.0/3,
 mbmp3.9/4,ML3.6/1,MS3.4/1,Error ellipse: s-maj=42.4km
 s-min=33.9km az=90.0
 NEIC 22:12:47.3,0.4,33.3S;-0.1:178.1W,0.2,h10km,1km,
 mb4.1/7,Error ellipse: s-maj=28.2km s-min=19.7km
 az=286.0
 WEL 22:12:49.2,1.7,34.5S;-16.1:17.8W,1.6,h12km,M4.6/1,
 ML4.7/6,MLV4.6/1,Error ellipse: s-maj=27.3km
 s-min=11.9km az=136.7,confirmed
 ISC 22:12:46.4,0.9,33.34S;-0.08:177.8W,0.1,h10km,n32,
 r=150/39,mb4.1/7, South of Kermadec Islands.

Code	Station Name	Δ° AZ°	Phase ID	Time h m s	Res ISC
GLKZ	Green Lake	4.07 358	P	12 23 42.8	-5.9
GLKZ			S	12 24 24.5	-12
PAU	Raoul Island	4.08 358	Pn	12 23 49.2	+0.4
HAZ	Te Kaha	5.71 218	P	12 24 12.6	+1.3
PUZ	Puketitii	5.72 213	S	12 24 10.7	-0.8
PUZ			S	12 25 18.0	+0.7
MWV	Matawai	6.28 216	P	12 24 19.2	0.0
URZ	Urewera	6.44 219	Pn	12 24 21.1	-0.1
1.4nm,0.3s,baz=240,slow=3.2,SNR=7.2					
URZ			S	12 25 34.6	-0.1
3.2nm,0.3s,baz=148,slow=23,SNR=13					
URZ	Urewera	6.44 219	P	12 24 21.2	-0.1
SNZ	Shannon Statio	6.72 215	P	12 24 27.9	+2.7
SNZ			S	12 25 42.5	+0.6
RTZ	Ruatathuna	6.77 218	P	12 24 27.1	+1.2
RTZ			S	12 25 43.2	+0.1
RAH	Arahi	6.95 215	P	12 24 30.3	+1.9
FAHZ	Maungataniwha	7.02 217	P	12 24 36.9	+2.5
MTZH			S	12 25 49.1	0.0
NMHZ	Naumai	7.23 216	P	12 24 33.1	+0.9
NMHZ			S	12 25 55.1	+0.7
ARHZ	Aropoanui	7.27 214	S	12 25 55.4	+0.1
OUZ	Omahuta	7.40 217	P	12 24 36.9	+2.5
BKZ	Black Stump Fm	7.44 217	P	12 24 35.8	+0.8
BKZ			S	12 25 58.7	-0.8
MCHZ	McNeill Hill	7.55 215	P	12 24 35.8	-0.8
MCHZ			S	12 26 09.9	-1.4
KAHZ	Kahuranaki	7.75 212	P	12 24 40.9	+1.6
KAHZ			S	12 26 04.9	-2.6
CTZ	Chatham Island	10.42 175	P	12 25 13.6	-2.2
DZM	Mot Dumzac	17.91 305	LR	12 32 19.3	
comp=2.121nm,18.2s,baz=92,slow=33					
AS31	Alice Springs	43.23 270	P	12 30 45.8	-2.2
AS31			Iamb	12 30 54.7	-1.2
ASAR	Alice Springs	43.23 270	P	12 30 46.9	-1.2
comp=2.1,5nm,0.7s,baz=110,slow=7.0,SNR=20					
ASAR	Alice Springs	43.23 270	P	12 30 45.2	-2.9
WR8	Warramunga Arr	44.34 275	P	12 30 54.7	-2.3
WR8			Iamb	12 31 10.2	
WRA	Warramunga Arr	44.48 275	P	12 30 56.5	-1.7
WRA			P	12 30 56.2	-1.9
VNDA	Vanda	45.20 186	P	12 31 04.0	+0.9
VNDA			Iamb	12 31 25.6	
FOR	Forrest	45.56 258	P	12 31 04.8	-1.7
FOR			Iamb	12 31 36.6	
KNRA	Kunurra	51.19 277	P	12 31 48.8	-1.3
QSPA	South Pole Qui	56.78 180	P	12 32 33.6	+3.1
QSPA			Iamb	12 32 31.5	+1.0
QSPA			Iamb	12 32 52.8	
comp=2.1,7nm,0.9s					
FINES	FINES Array B	147.96 339	PKPbc	12 42 30.2	+2.1
comp=2.1,9nm,0.8s,baz=43,slow=3.0,SNR=5.8					
FINES	FINES Array B	147.96 339	PKPbc	12 42 30.6	-0.5

AEIC 22:12:40:05.2,3.0,52.05N;0.08:172.13W,0.06,h56km,7km,
 Error ellipse: s-maj=12.6km s-min=2.1km az=204.0
 NEIC 22:12:40:04.1,5.2,3N;0.2:172.2W,0.1,h77km,10km,
 mb3.4/15,ML3.5/16,ML3.0(AEIC),Error ellipse:
 s-maj=23.1km s-min=8.3km az=168.0,Andreanof

Code	Station Name	Δ° AZ°	Phase ID	Time h m s	Res ISC
KOSE	Korovin Southe	1.16 273	Op	12 40 25.2	0.0
KOFF	Korovin Flat P	1.19 269	S	12 40 41.0	+0.2
KOFF			S	12 40 25.8	+0.2
KOFF			S	12 40 42.5	+1.0
KONE	Korovin Northe	1.20 275	Pn	12 40 25.6	-0.1
KONE			S	12 40 42.2	+1.1
KOKV	Korovin Volcan	1.23 273	S	12 40 23.0	-0.1
KOKV			S	12 40 43.9	+1.4
KOKL	Mout Kiliuef	1.25 272	Pn	12 40 26.5	+0.1
ATKA	Atka Island	1.25 266	Pn	12 40 26.0	-0.4
ATKA			S	12 40 42.4	-0.5
KOWE	Korovin West	1.28 273	S	12 41 17.1	+1.0
GSIG	Igltik Island	2.34 264	S	12 40 40.4	-0.4
GSIG			S	12 41 09.1	+0.5
GSTR	Great Sitkin T	2.41 266	Pn	12 40 42.0	+0.3
GSMY	Great Sitkin M	2.41 265	S	12 40 41.4	-0.3
GSMY			S	12 41 17.2	+0.9
GSTD	Great Sitkin T	2.46 266	S	12 40 42.2	0.2
GSTD			S	12 41 10.6	-1.0
OKWE	Okmok W'ng Wal	2.65 62	Pn	12 40 46.0	+1.1
OKWR	Okmok West Rim	2.65 63	Pn	12 40 45.9	+0.8
ETKA	Kagalaska Island	2.65 262	Pn	12 40 44.5	-0.5
ETKA			S	12 41 11.0	+1.0
OKTU	Okmok Mt. Tuli	2.72 65	Pn	12 40 47.1	+1.2
ADKG	Adak Mountain	2.75 265	Pn	12 40 46.6	+0.3
ADK	Adak	2.82 263	Pn	12 40 47.4	+0.2
ADK			IAML	12 41 27.3	
165nm,0.2s					
ADK			IAML	12 41 28.6	
131nm,0.5s					
KIWB	Kanaga Island	3.11 264	Pn	12 40 51.5	+0.4
KIWB			IAML	12 41 36.5	
comp=N,169nm,0.4s					
KIWB			IAML	12 41 37.1	
comp=E,135nm,0.5s					
KIMD	Kanaga Island	3.18 262	Pn	12 40 52.0	0.0
MGMO	Makushin Gods	3.52 63	Pn	12 40 57.8	+1.0
TATL	Tanaga Flats	3.55 263	Pn	12 40 59.0	+0.6
MMAT	Makushin Natee	3.66 62	Pn	12 41 00.0	+1.4
UNVU	Unalaska Lca	3.75 63	Pn	12 40 57.9	-1.9
UNVU			IAML	12 41 59.2	
comp=N,40nm,1.1s					
LVA	Lava Point	4.12 61	Pn	12 41 01.7	-3.2
LVA			IAML	12 42 10.8	
comp=E,51nm,0.8s					
AKUT	Akutan	4.26 62	Pn	12 41 03.5	-3.2
AKUT			IAML	12 42 52.0	
comp=E,45nm,1.2s					
SPIA	Saint Paul Isl	5.00 12	Pn	12 41 16.2	-0.7
SPIA			IAML	12 43 07.8	
comp=E,28nm,1.1s					
FALS	False Pass	5.80 60	Pn	12 41 22.8	-5.0
CNBA	Chernabura Isl	7.90 66	Pn	12 41 52.3	-4.1
VNFG	Fog Glacier, M	8.38 57	Pn	12 41 58.8	-4.3
N14K	Kuskokwak Cree	9.61 33	Pn	12 42 18.0	-1.6
KDAK	Kodiak Island	12.47 56	Pn	12 42 52.9	-5.8
ANM	Nome	12.79 13	Pn	12 42 59.9	-2.9
M24K	Meltona, Glenn	17.04 45	Pn	12 43 55.7	-1.7
I23K	Iltoina, Yukon-K	17.34 33	Pn	12 44 06.1	0.9
I23K			Iamb	12 44 06.1	
comp=Z,1.8nm,0.8s					
ILAR	Eielson Array	17.99 36	P	12 44 08.5	-0.1
MCARA	McCarthy VSAT	18.20 49	P	12 44 08.1	-2.7
H24K	Noodor Dome	18.25 33	P	12 44 11.7	+0.2
H24K			Iamb	12 44 17.8	
comp=Z,2.1nm,1.1s					
J25K	Salcha River,	18.47 38	P	12 44 11.8	-2.1
J25K			Iamb	12 44 26.2	
comp=Z,1.7nm,1.2s					
E22K	Anaktuvuk Pass	18.65 24	P	12 44 15.3	-0.5
LOGN	Logan Glacier	19.00 51	P	12 44 17.7	-2.6
PCN	Pinnacle	19.22 54	P	12 44 20.9	-1.3
I26K	Coal Creek Im	19.64 37	P	12 44 24.5	-2.0
I26K			Iamb	12 44 35.6	
comp=Z,1.7nm,1.1s					
C23K	Itkillik River	20.22 22	P	12 44 32.2	-0.6
I28M	Mirer Creek	20.41 56	P	12 44 37.7	-0.7
H29M	Whitestone	21.81 37	P	12 44 49.6	

Table with columns: Station Name, Frequency, Class, Mode, and other details. Includes stations like H03N3, MLPR, BDQN, etc.

Table with columns: Station Name, Frequency, Class, Mode, and other details. Includes stations like AMTX, RCBR, 319A, etc.

Table with columns: Station Name, Frequency, Class, Mode, and other details. Includes stations like MFID, DLND, OLRT, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PRP Porcupine Dome, KDAX Kodiak Island, ILAR Eielson Array, etc.

Table with columns: Code, Station Name, Frequency, Mode, Power, and other technical details. Includes stations like CMAR comp=2.2,8nm,1.0s, etc., and various island region codes.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BAR Barrett, DPP Dos Picos City, BORC Borco Spring, etc.

G18K	Tagagawik	95.30 343	P	P	13 37 09.6 +1.0
E22K	Anaraktuv Pass	95.35 346	P	P	13 37 09.9 +1.0
F20K	Avartak Lake	95.41 344	P	P	13 37 09.9 +0.9
H16K	Elim	95.42 341	P	P	13 37 09.8 +0.6
C26K	Camden Bay	95.51 349	P	P	13 37 10.3 +0.9
G17K	Kiwalik Mouna	95.57 342	P	P	13 37 10.3 +0.5
D24K	Happy Valley	95.57 348	P	P	13 37 10.5 +0.8
F19K	Shalerucik Mo	95.77 344	P	P	13 37 11.0 +0.4
D23K	Nanushuk River	95.79 347	P	P	13 37 11.2 +0.4
G16K	Koyuk River	95.99 341	P	P	13 37 12.3 +0.6
C24K	Franklin Bluff	96.03 348	P	P	13 37 12.1 +0.3
E21K	Killik River	96.08 346	P	P	13 37 12.6 +0.4
F18K	Selawik	96.09 343	P	P	13 37 12.6 +0.5
G15K	Niukluk	96.22 340	P	P	13 37 13.1 +0.3
E20K	Nigu River	96.46 345	P	P	13 37 14.5 +0.6
C23K	Killik River	96.50 348	P	P	13 37 14.7 +0.8
C21K	Knifeblade Rid	96.83 346	P	P	13 37 16.6 +1.1
E18K	Tukphalearik C	96.95 343	P	P	13 37 16.9 +0.8
B21K	Ikpikpuk River	97.16 346	P	P	13 37 17.5 +0.6
F14K	Arctic Creek	97.26 340	P	P	13 37 17.8 +0.3
B22K	Teshekpuk Lake	97.47 347	P	P	13 37 18.9 +0.6
D17K	Noatak River	97.82 343	P	Pdf	13 37 21.0 +1.0
TNA	Tin City	97.82 340	P	P	13 37 20.4 +0.4
A22K	Sinclair Lake	98.32 347	P	Pdf	13 37 23.2 +1.1
C17K	DeLong Mounai	98.39 343	P	Pdf	13 37 23.6 +1.0
C16K	Lisburne Hills	98.84 342	P	Pdf	13 37 25.8 +1.3
A21K	Barrow	98.90 347	P	Pdf	13 37 26.0 +1.3
A19K	Wainwright	99.08 345	P	Pdf	13 37 27.0 +1.5
YSS	Yuzhno-Sakhali	116.41 312	ePKIKP	PKPpdf	13 42 26.7 -2.0
YSS	YSS	comp-Z, 10.0nm, 1.2s	pmax		
CN2	Changchun	128.54 308	eP	PKPpdf	13 42 48.8 -3.4
GERES	GERESS Array B	130.55 45	PKP	PKIKP	13 42 57.5 +0.7
GERES	GERESS Array B	130.55 45	PKP	PKIKP	13 42 56.7 +0.7
NJ2	Nanjing	134.02 293	eP	PKPpdf	13 43 02.4 -0.5
KIEV	Kiev	139.37 37	PKPpdf	PKPpdf	13 43 12.2 0.0
KIEV	Kiev	139.37 37	PKIKP	PKPpdf	13 43 12.2 0.0
AKASG	Malin Array Be	139.37 37	PKP	PKPpdf	13 43 11.4 -0.8
AKASG	Malin Array Be	139.37 37	ePKIKP	PKPpdf	13 43 13.0 +0.8
AKB	Malin Array Si	139.37 37	PKPpdf	PKPpdf	13 43 12.4 +0.2
AKB	Malin Array Si	139.37 37	PKPpdf	PKPpdf	13 43 11.7 0.5
XAN	Xian	142.29 296	ePKP	PKPpdf	13 43 16.9 -1.2
SIM	Simferopol	144.99 43	ePKIKP	PKPab	13 43 19.3 -2.4
ARTI	Arti	145.95 9	PKPbpc	PKPpdf	13 43 23.5 -0.2
ARTI	Arti	145.95 9	PKPpdf	PKPpdf	13 43 23.3 -0.4
ZAAO	Zalesovo Array	146.46 342	PKPpdf	PKPpdf	13 43 25.0 +0.4
ZALV	Zalesovo Beam	146.46 342	PKPbpc	PKPpdf	13 43 25.1 +0.5
ZALV	Zalesovo Beam	146.46 342	PKPpdf	PKPpdf	13 43 24.7 +0.1
BR131	Keskin Array S	146.78 52	PKPpdf	PKPpdf	13 43 26.2 +0.3
BR131	Keskin Array S	146.78 52	ePKP2	PKPpdf	13 43 26.7 +0.8
BR131	Keskin Array B	146.78 52	PKPbpc	PKPbpc	13 43 27.4 -0.2
BR131	Keskin Array B	146.78 52	PKPbpc	PKPbpc	13 43 27.4 -0.2
BR131	Keskin Array B	146.78 52	PKPbpc	PKPbpc	13 43 27.3 -0.3
BELG	Belogoroye	146.88 23	PKPbpc	PKPpdf	13 43 26.8 +1.4
CD2	Chengdu	146.94 292	PKPbpc	PKPpdf	13 43 25.0 -1.3
ANN	Anapa	147.12 41	ePKIKP	PKPpdf	13 43 25.9 -0.1
ANN	ANN	comp-Z, 26nm, 1.0s	pmax		
ANN	ANN	comp-Z, 30nm, 1.2s	pmax		
GTA2	Gaotai	148.18 309	ePKPbpc	PKPbpc	13 43 32.0 +0.5
GTA2	GTA2	comp-N, 100nm, 15.2s	LR	LR	
GTA2	GTA2	comp-E, 84nm, 15.9s	LR	LR	
ERBR	Yeremizin-Bor	148.39 38	ePKIKP	PKPpdf	13 43 27.8 -0.3
ERBR	ERBR	comp-Z, 31nm, 1.1s	pmax		
ERBR	ERBR	MLR	MLR		
BNN	Bunyan	148.69 52	PKPbpc	PKPbpc	13 43 33.0 +0.2
LABN	Labinsk	149.16 39	ePKIKP	PKPpdf	13 43 30.5 +1.1
LABN	LABN	comp-Z, 22nm, 0.5s	pmax		
LABN	LABN	comp-Z, 283nm, 12.0s	MLR	MLR	
BVAR	Borovoye Array	149.93 357	PKPbpc	PKPbpc	13 43 34.1 -1.1
CMAR	Chiang Mai Arr	150.38 267	PKPbpc	PKPbpc	13 43 38.8 +1.4
CMAR	Chiang Mai Arr	150.38 267	PKPbpc	PKPbpc	13 43 38.2 -2.6
CMAR	Chiang Mai Arr	150.38 267	iP	P	13 43 38.7 -1.7
KBZ	Khabaz	150.96 39	PKPbpc	PKPbpc	13 43 38.0 0.0
KBZ	Khabaz	150.96 39	PKPbpc	PKPbpc	13 43 38.0 0.0
KURBB	Kurchatov Arr	151.12 346	PKPbpc	PKPbpc	13 43 38.0 -1.1
WMQ	Urumqi	153.43 326	ePKPbpc	PKPpdf	13 43 36.8 +0.7
MKAR	Makanchi Array	153.46 337	PKPbpc	PKPbpc	13 43 43.1 -0.5
HYB	Hyderabad	168.33 244	ePKPpdf	PKPpdf	13 43 52.0
HYB	HYB	ePKPpdf	PKPpdf		13 43 55.5
HYB	HYB	eSKSdf	PKPpdf		13 48 49.8
HYB	HYB	eSKSdf	PKPpdf		13 50 56.1

AC02	Maricunga	39.23 105	P	P	13 32 17.4 +0.6
ZON	Zonda	39.52 112	P	P	13 32 19.9 +1.1
PB01	IPOC Station P	39.65 96	P	P	13 32 20.3 +0.4
PB08	IPOC Station P	40.13 94	P	P	13 32 24.9 +0.6
LPZA	La Paz	42.02 89	P	P	13 32 38.2 -1.8
LPZA	La Paz	42.01 89	P	P	13 32 40.3 +0.3
MT03	Montecristo	43.34 33	P	P	13 32 51.3 +1.0
GO10	Punta Arenas	43.42 145	P	P	13 32 51.3 +0.9
ROSC	El Rosal	46.22 58	P	P	13 33 13.6 +0.1
SDV	Santo Domingo	51.59 57	P	P	13 33 13.6 +0.1
PMSA	Palmer Station	52.22 156	LR	LR	13 50 01.6
TXAR	Palmer Station	52.22 156	P	P	13 33 59.0 +0.7
CPSB	Cacapava Du Su	52.64 112	P	P	13 34 02.1 +1.1
MACA	Manacapuru-AM	53.63 76	P	P	13 34 09.0 -0.5
JCT	Junction City	54.41 13	P	P	13 34 15.5 +0.6
BOAV	Boa Vista	56.36 71	P	P	13 34 29.0 -0.3
Y22A	Socorro	56.74 5	P	P	13 34 32.0 +0.2
SBM	South Bay	56.76 5	P	P	13 34 33.0 +0.8
PCDR	Punta Cana, DR	59.45 50	P	P	13 34 51.2 +0.4
KNB	Kanab	59.59 360	P	P	13 34 51.8 +0.2
MIAR	Mount Ite	59.83 18	P	P	13 34 52.6 -0.5
CRPR	Cabo Rojo, PR	60.03 51	P	P	13 34 54.2 -0.5
SDCO	Great Sand Dun	60.65 6	P	P	13 34 59.1 0.0
BDFB	Brasilia	60.72 96	P	P	13 34 59.1 -0.7
PV01	Paradox Valley	60.80 3	P	P	13 35 00.4 +0.3
PV15	Paradox Valley	61.02 3	P	P	13 35 01.9 +0.5
NVAR	Mina Array Bea	61.26 355	P	P	13 35 04.0 +1.0
NVAR	Mina Array Bea	61.26 355	P	P	13 35 03.7 +0.6
DUG	Dugway Tooele	62.78 360	P	P	13 35 13.9 +0.8
BSUT	Blindstream Ca	63.12 1	P	P	13 35 16.1 +0.5
R40A	Maddies Statio	63.70 17	P	P	13 35 18.7 -0.4
BELA	Belgrano 2	65.19 167	P	P	13 35 28.9 +0.5
PDAR	Pinedale Array	65.38 2	P	P	13 35 29.5 -0.8
K22A	Casper	65.43 5	P	P	13 35 29.7 -0.6
HLID	Hailey	66.16 358	P	P	13 35 36.0 +0.7
RSSD	Black Hills	67.11 6	P	P	13 35 41.4 0.0
QSPA	South Pole Qu	67.26 180	P	P	13 35 42.4 +0.3
G08A	Pilot Rock	68.13 355	P	P	13 35 48.1 +0.5
EGMT	Eggleton	70.63 2	P	P	13 36 03.6 +0.6
PGC	Sidney	71.91 352	P	P	13 36 12.3 +1.7
VNA3	Neumayer Olymp	72.50 161	P	P	13 36 13.9 -0.2
EYMN	Ely	72.95 14	P	P	13 36 16.9 0.0
UNAZ	Neumayer-Watz	73.30 161	P	P	13 36 18.7 -0.1
LAC	Lac du Bonnet	74.26 11	P	P	13 36 23.1 -1.4
ULM	Lac du Bonnet	74.26 11	P	P	13 36 23.9 -0.6
TROLL	Troll, Antarti	75.68 163	P	P	13 36 32.8 0.0
ELIB	Princess Elisa	80.78 67	P	P	13 37 00.6 +0.1
F3C	Fort Churchill	82.74 9	P	P	13 37 10.9 -0.2
P33M	Teslin, Yukon	84.49 350	P	P	13 37 22.9
YKA	Yellowknife Ar	85.11 359	P	P	13 37 21.9 -1.3
YKA	Yellowknife Ar	85.11 359	P	P	13 37 23.6 +0.4
BARN	Barnard Glacie	86.97 346	P	P	13 37 32.6 0.0
M30M	Millin, Yukon	87.38 349	P	P	13 37 34.2 -0.3
K29M	Barlow Dome	88.68 346	P	P	13 37 40.4 -0.3
G31M	Satah River	91.05 352	P	P	13 37 51.9
ILAR	Eielson Array	91.38 346	P	P	13 37 51.3 -1.8
ILAR	Eielson Array	91.38 346	P	P	13 37 52.6 -0.5
E27K	Coleen River	93.34 349	P	P	13 38 02.3
F26K	Sheenjek River	93.35 348	P	P	13 38 02.4 +0.1
D27M	Malcolm River	94.18 350	P	P	13 41 15.4
C27K	Jago River	94.47 349	P	P	13 38 10.7
SONM	Songino Array	140.42 319	PKP	PKPpdf	13 44 15.9 -1.1
ARTI	Arti	145.85 9	PKPbpc	PKPpdf	13 44 25.9 -0.2
ARTI	Arti	145.85 9	PKPbpc	PKPpdf	13 44 25.9 -0.3
ZALV	Zalesovo Beam	146.40 342	PKPpdf	PKPpdf	13 44 27.4 +0.2
ZALV	Zalesovo Beam	146.40 342	PKPpdf	PKPpdf	13 44 27.1 -0.1
BR131	Keskin Array B	146.66 52	PKPbpc	PKPbpc	13 44 29.9 +0.1
BELG	Belogoroye	146.88 23	PKPbpc	PKPbpc	13 44 29.3 -0.6
BVAR	Borovoye Array	149.85 357	PKPbpc	PKPbpc	13 44 37.6 0.0
CMAR	Chiang Mai Arr	150.47 267	PKPbpc	PKIKP	13 44 41.1 +0.2
CMAR	Chiang Mai Arr	150.47 267	PKPbpc	PKIKP	13 44 41.1 +0.2
CMAR	Chiang Mai Arr	150.47 267	PKPbpc	PKIKP	13 44 40.4 +0.2
KURB	Khabaz	150.96 39	PKPbpc	PKIKP	13 44 41.1 +0.2
KURBB	Kurchatov Arr	151.06 346	PKPbpc	PKPbpc	13 44 38.4 -1.9
MKAR	Makanchi Array	153.41 337	PKPbpc	PKPbpc	13 44 45.7 -0.3

Fault plane solution: $M=8.64000 \times 10^{15}$ NP1: $\phi=279.00000^\circ; \delta=44.00000^\circ; \lambda=122.00000^\circ$. NP2: $\phi=57.00000^\circ; \delta=54.00000^\circ; \lambda=63.00000^\circ$. NEIC 22 13:29:13.7 1.4 2.4 34N.0 0.7:122.91E.0 0.6 h42km.4km, mb4.3/21. Error ellipse: s-maj=10.2km s-min=7.0km az=153.0

JMA 22 13:29:13.1 1.0 2.4 34N.1 1.2 123.0E.0 0.4 h49km.MD.4/18, MV.4/0.18, NW OFF ISHIGAKIJIMA IS

JMA Felt II J1 at NW OFF ISHIGAKIJIMA IS

ISC 22 13:29:13.2 2.2 2.4 40N. 122.83E. h49km.23km, mb3.6/15, mbtmp3.8/17, ML.3.02, MS3.628, Error ellipse: s-maj=17.1km s-min=14.1km az=7.0

ISC 22 13:29:13.4 0.6 2.4 31N.0 0.2:122.95E.0 0.2 h47km.5km, n300.1/32/406, mb4.1/31, MS3.5/23, 21-C12D, Taiwan region

Code	Station Name	A°	AZ°	Phase ID	Time	Res
					h m s	ISC
JYNG	Yonagunijimaku	0.14	357	Op	13 29 20.8	-0.3
JYNG	JYNG	comp=N, 224nm, 1.0s, comp=E, 196nm, 1.0s		iS	13 29 20.8	
YOJ	Yonaguni jima	0.16	19	P	13 29 20.9	-0.3
YOJ	Yonaguni jima	0.16	19	P	13 29 20.9	-0.3
YOJ	Yonaguni jima	0.16	19	iP	13 29 21.0	-0.3
YOJ	Yonaguni jima	0.16	19	iP	13 29 21.0	-0.3
YOJ	YOJ	comp=N, 167nm, 1.3s, comp=E, 149nm, 1.3s		iS	13 29 20.9	
EOS3	EOS3	0.58	268	S	13 29 26.4 -0.2	
EOS3	EOS3			S	13 29 25.7 +0.3	
EOS4	EOS4	0.61	252	eP	13 29 34.3 +0.4	
EOS2	EOS2	0.67	280	eP	13 29 26.3 +0.8	
EOS2	EOS2			S	13 29 26.6 +0.2	
IRIM	Irimote-Funau	0.71	88	iP	13 29 36.5 +0.6	
IRIF	IRIF	comp=N, 24nm, 1.3s, comp=E, 29nm, 2.9s		iS	13 29 26.6 -0.5	
HATJ	Hateruma jima	0.82	108	P	13 29 36.9 -0.2	
HATJ	HATJ	comp=N, 39nm, 2.5s, comp=E, 42nm, 1.4s		iS	13 29 28.4 -0.2	
JKRS	Kuro-shima	0.97	94	iP	13 29 30.5 -0.1	
JKRS	JKRS	comp=N, 26nm, 1.8s, comp=E, 23nm, 2.6s		iS	13 29 30.5	
TWC	Suao	1.05	287	P	13 29 43.9 +0.6	
TWC	TWC			S	13 29 30.9 -0.8	
EGS	EGS	1.07	300	iP	13 29 43.5 -1.8	
EGS	EGS			S	13 29 31.7 -0.3	

22d 13h

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Table with multiple columns containing astronomical data including station names (e.g., KSHI, ECBN, EHY), coordinates, and various parameters (e.g., RA, Dec, Az, El, SNR, etc.).

IDC 22 13:29:40.7: 1.0, 44:81'S: 14:95W, hOkm, mb4.2/4, mbtmp4.2/4, MS4.1/10, Error ellipse: s-maj=118.4km s-min=22.9km az=95.0
GCMT 22 13:29:41.5: 0.3, 44:84'S: 0:03:15:53W: 0:03: h29km, MW5.1/89, Moment Tensor Solution. s1.c15; s89.c114; Duration: 0 Moment tensor. Scale 1016Nm; Mir-3.85s; 29; Mw:1.47z; 21; Mbb:2.38z; 18; Mw:0.73z; 30; Mbb:2.12z; Mw:2.69z; 21; Best double couple: Mw:4.82300e+16 Np1:0.300,00000; s38.00000; l-129.00000; NP2: 0.166,00000; s61.00000; l-64.00000; Principal axes: T: 4.0700, P1g133.0000; Azm237.0000; N: 0.7050, P1g23.0000; Azm333.0000; P: -5.1760, P1g64.0000; Azm120.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function
NEIC 22 13:29:42.5: 1.2, 44:84'S: 0:05:14:7W: 0.2, h10km, mb4.1km,

mb4.5/7 Error ellipse: s-maj=26.4km s-min=7.9km

az=101.0

ISC 22 13:29:42.2±0.8, 44.9S, 0.1x14.7W, 0.2, h10km, n39,

c080/23, mb4.5/4, MS4.1/10, Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Lists stations like Tristan da Cunha, Hope Point, Sutherland, Boshof, etc.

TAP 22 13:33:54.6±0.1, 24°13'N, 122°02'E, h41km, ML3.8, B JMA 22 13:33:54.6±0.1, 24°13'N, 123°0E, 0.5, h47km, 1km, MV3.2/18, NW OFF ISHIGAKIJIMA IS

ISC 22 13:33:55.1±1.2, 24.28N, 0.03, 122.97E, 0.02, h41km, 7km, n136, c1908/256, Taiwan region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Lists stations like Yonagunijimaku, Yonaguni jima, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Lists stations like NNS, Shilin, Nanyang, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Lists stations like SSD, SCST, CHN3, etc.

NNC 22 13:37:12.1±7.8, 38°08'N, 71°34'E, h262km, 71km, mb3.3, mp4.9, Error ellipse: s-maj=77.7km s-min=48.3km, az=17.0

MOS 22 13:37:14.6±1.6, 38°67'N, 70°77'E, h8km, mb4.6/6, Error ellipse: s-maj=9.2km s-min=5.3km, az=69.9

IDC 22 13:37:14.8±1.0, 38°63'N, 70°80'E, h0km, mb3.7/8, mbmp3.9/15, ML3.6/7, MS3.0/4, Error ellipse: s-maj=16.2km s-min=14.6km, az=162.0

NEIC 22 13:37:16.4±1.8, 38°66'N, 0.05, 70.72E, 0.05, h10km, 1km, mb4.5/1, Error ellipse: s-maj=9.3km s-min=4.8km

ISC 22 13:37:18.2±0.5, 38°58'N, 0.04, 70°65'E, 0.05, h23km, n99, c2616/108, mb4.0/20, MS3.7/5, 11C-2D, Afghanistan-Tajikistan border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time Res, ISC. Lists stations like GAR, CHGR, CHGR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WAMI, SRPI, BAKI, MMPI, RKPI, SJUI, PMG, BNDI, NLAI, TNTI, SANI, SSGI, SOEI, KDI.

IDC 22:14:30:43.1+1.2, 22:09Sx112:33W, h0km, mb4.5/9, mbtmp4.5/9, MS4.0/1, Error ellipse: s-maj=36.1km s-min=25.7km az=31.0

NEIC 22:14:30:46.8+1.2, 22:28S:02x112:2W:0.2, h10km, 1km, mb4.9/179, Error ellipse: s-maj=28.4km s-min=24.0km az=231.0

ISC 22:14:30:44.6+0.7, 23:05S:01x112:4W:0.1, h10km, n323, o566/264, mb4.8/90, Easter Island region

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RPN, CO04, BO01, VA03, AC05, PB07, ZON, OTAV, LPAZ, LPZ, JUD3, MTO3, ROSC, PTLB, SDV, HSGI, TX31, TXAR, TXAR, SAND, ALPN, VHRM, VTX, JCT, MNTX, MNHN, TPB28, TUC, 121A, YUH, YUH, 113A, BRDY, BAR, BORC, BC3, BLYC, Y14A, BELC, Y22A, IRM, X16A, APMT, W13A, U15A, PKD, SHPR, WCT, KNC, MVO, PRN, GMN, DSP, T25A, S22A, MTPU, BDFB, BDFB, PV01, TP1, PV18, PV19, PV12, PV15, PV15, PV07, PV22, PV21, NVAR, NVAR.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SRU, P18A, ISGO, DUCO, S39A, BSUT, BSUT, CCM, CCM, Q44A, WVOR, BW06, PD31, PDAR, PDAR, MFID, HLID, FLWY, PINE, RSSD, MCMT, BMO, G08A, F10A, O52A, E03A, L56A, ULM, NCB, EDM, FFC, V35K, CRAG, U33K, WRAP, T35M, S13T, S34M, S32K, DLBC, FCC, R32K, S31K, Q32M, R33M, P32M, SKAG, PLBC, P33M, P29M, YKAW, YKA, YKAW, P30M, YKAW, WHY, N32M, Q30N, O29M, PINN, HYK, N31M, WRGLY, O28M, N30M, N30M, CHIR, KAIM, M31M, SCHO, SCHO, YUK8, OHAK, BARN, CRQE, KDAC, YUK3, M30M, EYAK, MCARA, BMRM.

Main station list table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like M29M, M29M, BVCY, L29M, L29M, LR9E, R17L, KLU, HOM, S14K, M26K, Q17K, Q18K, K29M, K29M, P19K, FALS, KNK, M24K, HARP, SCM, RC01, Q16K, J30M, SML, DAWY, PMR, PMR, P17K, PAX, O18K, WAT6, I30M, I30M, H31M, H31M, RIDG, RIDG, DHY, SCRK, N19K, WAT1, O17K, SKT, SKT, I29M, O16K, L22K, L22K, N18K, M20K, I28M, O15K, N17K, EPYK, J25K, M19K, MCK, H29M, I27K, G31M, G31M, TRF, TRF, PPLA, N16K, G30M, F31M, CCB, M17K, CAST, H27K, H27K, G29M, COLA, PRP, N14K, G27K, I23K, I23K, INK, INK, L17K.

22d 16h

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like F10A Beach Ranch, PINE Pine Mountain, HO4A Detroit Lakes, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like LBF1 Labuhan Bajo, DBN1 Kabupaten Domp, WBS1 Waikabubak, etc.

BKK 22 15:20:34.6; 1.6, 2.3°N; 14°10'30"E, h10km, M3.7/19, mb4.1/6, mb4.1/12, Mjma3.5/19, ML4.2/14, MLV3.9/15, Mw(m)3.1/6

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like DBV Diembien, SPV Sa-pa, SLVN Son Loi, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like KSRS Korea Array, KSAR Wonju Array, H1N2 WAKE ISLAND, etc.

DJA 22 15:33:30.7; 0.5, 5°N; 5°12'8"E, h65km; 20km, M4.5/30, mb4.6/30, mb5.1/11, MLV4.6/15, Mw(m)4.5/11

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like SGSI Sangihe, GSPH General Santos, DAV Davao City, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like CM02 Chiang Mai Arr, CM01 Chiang Mai Arr, CM04 Chiang Mai Arr, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like WRA Warramunga Arr, WRS Warramunga Arr, AS31 Alice Springs, etc.

DJA 22 15:44:32.7; 0.6, 10°S; 6°11'46"E, h10km, M4.2/24, mb4.6/2, MLV4.0/24, South of Jawa

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like KDJ Kajiasy, ZALV Zalesovo Beam, ZALV Zalesovo Beam, etc.

ICD 22 16:16:39.8; 1.9, 48°29'N; 33°27'E, h0km, mb3.2/1, mbmp2.9/3, ML2.5/2, MS3.8/1, Error ellipse: s-maj=39.4km s-min=12.8km az=61.0

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like QZK, KHZ, XOX, etc.

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like ONAJ, ONAJ, JFK, etc.

Table of seismic events with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual. Includes stations like YOJ, YOJ, JYNG, etc.

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like Port Moresby, Innamika, Manu, Alice Springs, Warramunga Arr, Tennant Creek, etc.

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like Moumakai, Ruatuhuna, Ruatuhana, Republica, Mahia Peninsula, etc.

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like Charters Tower, Charters Tower, Charters Tower, Alice Springs, etc.

ADC 22 18:11:06.4±0.5, 33°05'S:178°72'W, h0km, mb4.5/13, mbmp4.6/15, ML4.9/2, MS4.5/2, Error ellipse: s-maj=17.1km s-min=15.3km az=107.0

NEIC 22 18:11:08.2±0.2, 33°09'S:0°09'178.5W±0.1, h10km, 1km, mb5.0/43, Mw5.0/18, Error ellipse: s-maj=16.7km s-min=12.8km az=311.0

MOS 22 18:11:07.6±1.1, 33°14'S:178°78'W, h10km, mb5.1/9, Error ellipse: s-maj=18.0km s-min=12.5km az=118.8

WEL 22 18:11:11.8±1.0, 34°S:17°18'W, h1.0, h2km, MS.1/15, mb5.6/8, ML4.8/15, MLV5.2/15, Mw(mb)5.0/8, Error ellipse: s-maj=14.5km s-min=7.1km az=116.4, confirmed

GCMT 22 18:11:12.9±0.2, 33°14'S:0°01'178.2W±0.01, h19km, MW5.2/14, Moment Tensor Solution. s91,c134, s114,c190; Duration: 0 Moment tensor: Scale 10^16Nm; Mn:5.03t; Ms:10.02t; Mo:4.78t; M1:2.7t; M2:1.1t; M3:0.7t; Mw:3.35t; Best double couple: Mb:7.7300x10^16 Np1:0.100000, s24.00000, 7.86.00000; Np2:0.510000, 8.66.00000, 1.92.00000; Principal axes: T=6.7730, Plg69.0000; Azm289.0000; N=0.0050, Plg2.0000; Azm195.0000; P=-6.7730, Plg21.0000; Azm104.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s.

Triangular moment-rate function
NOU 22 18:11:18.5±33.91'S:178.55'W, h98km, mb4.9/28, South of Kermadec Islands

ISC 22 18:11:07.2±0.4, 33°21'S:0°05'178.31'W±0.07, h10km, n349, s1987/316, mb5.0/63, MS4.6/53, 11C-80, South of Kermadec Islands

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like Green Lake, Raoul Island, Matakaoa Point, etc.

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like Moutakai, Ruatuhuna, Republica, Mahia Peninsula, etc.

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like Nonsavu, Nonsavu, Nonsavu, Mavora Lakes, etc.

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like Nonsavu, Nonsavu, Nonsavu, Mavora Lakes, etc.

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like Charters Tower, Charters Tower, Charters Tower, Alice Springs, etc.

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like Charters Tower, Charters Tower, Charters Tower, Alice Springs, etc.

Table with columns: Code, Station Name, Az, El, P, M, Time, Res. Includes stations like Charters Tower, Charters Tower, Charters Tower, Alice Springs, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DPSS Pohnpei, PAYS Jayapura, KRVT Keravat, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like RAHZ Maungataniwha, MTHZ MTHZ, OUZ Omahuta, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KAPS 1.3nm,0.1s, DJR Jarkent, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like IDC 22:19:26:53.4, WEL 22:19:26:57.5, NEIC 22:19:26:58.6, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ZSN Zaisan, ZSN 78nm,0.3s, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like CATAC 22:20:02:29.8, NEIC 22:20:02:31.3, FUNV 22:20:02:31.5, etc.

22d 21h

ULM comp=Z,2.7nm,0.6s IAmB IAmB 20 10 48.8
PDAR Pinedale Array 48.07 324 P P 20 10 55.4 +1.4
YKA Yellowknife Arr 63.25 340 P P 20 12 40.7 -0.8
ASAR Alice Springs 149.18 234 PKPbc PKPbc 20 22 00.4 -0.5
WRA Warrungarra Arr 150.39 241 PKPbc PKPbc 20 22 03.6 -0.4

MDD 22:20:04:07.6:1.5,36°26'N-10°9'W,h5km,55km,Mb_Lg2.7/4,
Error ellipse: s-maj=67.7km s-min=27.1km az=57.0
INMG 22:20:04:11.4:1.1,36°41'N-11°15'W,h28km,ML1.7,Error
ellipse: s-maj=10.9km s-min=6.6km az=95.0

Code Station Name Δ° AZZ Phase ID Time Res
PFVI Vila Bisbo 1.78 60 Op Pn 20 05 40.0 -0.5
PFVI Vila Bisbo 1.78 60I eP Pn 20 04 41.3 -0.2
MORF Marletele 1.99 58 eP Pn 20 05 44.1 +0.7
PTEO Sao Teotônio 2.08 51 eS Pn 20 04 10.4 -0.2

JMA 22:20:13:46.8:0.2,43°4'N,0°6:14'6E,h99km,1km,
MV3.2/39,OFF NEMURO PENINSULA
JMA Felt J1 at OFF NEMURO PENINSULA

Code Station Name Δ° AZZ Phase ID Time Res
NEM2 Nemuro 2 0.10 257 i P Pn 20 14 00.7 +0.1
NEM2 Nemuro-Hokkai 0.11 261 e S Pn 20 14 00.8 +0.0
NMR 230nm,0.2s i S Sn 20 14 10.8 0.0
NMR 550nm,0.2s A A 20 14 11.8

DJA 22:20:23:07.4:2.7,4°S,3°13'2E,h20km,26km,M3.9/18,
mB5.1/1,mB4.1/6,MLV3.7/18,Mw(mB)4.5/1,Irian Jaya
region

Code Station Name Δ° AZZ Phase ID Time Res
FAKI Fak Fak 1.17 36 Op Pn 20 23 28.7 0.0
BNDI Bandanaira 1.76 248 P Pn 20 23 37.1 +0.3
KMPI Kaimana, Papua 2.16 85 P Pn 20 23 41.9 -0.4

2020 JUN

ICC 22:20:23:21.6:3.1,33°17'S-178°9'W,h0km,mB3.5/2,
mbmtP3.6/3,ML3.5/1,Error ellipse: s-maj=71.8km
s-min=37.3km az=114.0,South of Kermadec Islands

Code Station Name Δ° AZZ Phase ID Time Res
URZ Urewera 5.99 211 Op Pn 20 24 51.6 +0.1
URZ 1.9nm,0.3s,baz=198,slow=23,SNR=2.2 Sn 20 26 00.9 0.0
URZ Urewera 5.99 211 P S 20 23 36.1
ASAR Alice Springs 42.22 270 P P 20 20 16.8 +0.2

ICC 22:20:32:59.2:0.3,32°70'S-178°40'W,h0km,mB3.6/2,
mbmtP3.7/3,ML3.4/1,Error ellipse: s-maj=72.2km
s-min=46.4km az=126.0,South of Kermadec Islands

Code Station Name Δ° AZZ Phase ID Time Res
URZ Urewera 6.65 212 Op Pn 20 34 37.3 -0.8
URZ 0.6nm,0.3s,baz=154,slow=20,SNR=2.8 Sn 20 35 51.0 -3.5
ASAR Alice Springs 42.70 270 P P 20 40 58.2 +0.1
WRA Warrungarra Arr 43.90 275 P P 20 41 07.6 -0.2

NEIC 22:20:55:36.5:1.8,41°10'N,0°01:12°87'W,0.05,h0km,1km,
ML1.8/20,Error ellipse: s-maj=6.3km s-min=2.1km
az=287.0

ICC 22:20:55:37.5:1.6,41°22'N-112°87'W,h0km,mbmtP2.2/1,
ML3.0/1,Error ellipse: s-maj=58.5km s-min=11.3km
az=147.0

ICC 22:20:55:37.1:1.0,41°09'N,0°04:11°28'W,0.04,h0km,n18,
c069/19,Utah

Code Station Name Δ° AZZ Phase ID Time Res
BGU Big Grassy Mtn 0.23 225 Op Pn 20 55 41.4 -0.1
BGU comp=N,144nm,0.3s IAmL 20 55 48.5
BGU comp=E,136nm,0.3s IAmL 20 55 48.6
SPUT South Pontoon 0.35 51 Pn 20 55 44.2 +0.3

ICC 22:21:00:31.2:6.0,33°02'S-178°59'W,h0km,mB3.6/2,
mbmtP3.6/2,Error ellipse: s-maj=260.1km
s-min=63.2km az=160.0,South of Kermadec Islands

Code Station Name Δ° AZZ Phase ID Time Res
ASAR Alice Springs 42.45 270 P P 20 08 28.1 0.0
WRA Warrungarra Arr 43.68 275 P P 20 08 37.9 -0.2
FINES FINES Array B 147.38 338 PKPbc PKPbc 20 15 15.3 -0.8

ICC 22:20:55:39.1:2.2,33°26'S-178°57'W,h0km,mB4.4/2,
mbmtP4.4/3,ML4.2/1,MS3.4/5,Error ellipse: s-maj=59.2km
s-min=33.9km az=125.0

NEIC 22:20:55:42.9:1.4,33°45'S,0°08:178°8'W,0.2,h10km,1km,
mB4.4/7,Error ellipse: s-maj=25.8km s-min=14.1km
az=85.0

WEL 22:20:55:45.0:1.0,34°S,9°17'W,ML4.1/3,h12km,M4.2/7,
mB4.8/7,ML4.4/12,ML4.4/16,Mw(mB)4.0/7,Error ellipse:
s-maj=19.4km s-min=7.2km az=119.3,confirmed

ICC 22:20:55:41.5:1.2,33°35'0:1x178°7'W,0.2,h10km,n48,
c131/59,mB4.3/7,MS3.5/4,South of Kermadec Islands

Code Station Name Δ° AZZ Phase ID Time Res
WMGZ Waionatani S 5.09 207 P S 20 56 59.9 +2.1
WMGZ Te Kaha 5.30 212 P S 20 57 02.3 +1.7
HAZ Te Kaha 5.45 212 P S 20 57 04.1 -0.4
PUZ Rukumara Rang 5.52 211 P S 20 57 04.2 +0.4

1392

SNVZ Far West T-bar 7.54 216 P S 20 58 54.2 -0.9
FWWZ Birch Farm 8.61 207 Pn Pn 20 57 33.0 +1.2
FWWZ Mangatoinoka R 8.66 210 Pn Pn 20 58 57.1 -0.4
PNHZ Pukenui 7.77 210 P S 20 57 32.6 -2.2

FUNJ 22:58:01.3,31.14°N-59.81°W,h36km,MW3.9,Presumed
earthquake
TRN 22:58:02.8,10.82°N-60.45°W,h148km,MD3.3,East of
Tiridadi

Code Station Name Δ° AZZ Phase ID Time Res
TRN Trinidad (S) 1.55 249 Op Pn 20 58 27.5 +0.3
TRN Trinidad (W) 1.55 249 eS Sn 20 58 46.0 -0.4
TRN Trinidad 1.55 249 eS Sn 20 58 25.6 +0.2

ICC 22:20:57:59.1:2.7,11°21'N,0°08:59°9'W,0.1,h23km,22km,
n10,c089/18,North Atlantic Ocean

Code Station Name Δ° AZZ Phase ID Time Res
TRN Trinidad (S) 1.55 249 Op Pn 20 58 27.5 +0.3
TRN Trinidad (W) 1.55 249 eS Sn 20 58 46.0 -0.4
TRN Trinidad 1.55 249 eS Sn 20 58 25.6 +0.2

ICC 22:21:15:43.0:1.1,33°S,8°17'W,ML4.4/7,
mB4.9/4,ML4.5/9,ML4.5/7,Mw(mB)4.2/4,Error ellipse:
s-maj=28.3km s-min=4.6km az=108.1,confirmed

ICC 22:21:15:43.3:2.0,33°28'S-178°52'W,h0km,mB4.3/2,
mbmtP4.3/3,ML4.4/1,MS3.6/3,Error ellipse: s-maj=58.3km
s-min=33.3km az=127.0

NEIC 22:21:15:47.3:1.6,33°55'0:1x178°8'W,0.2,h10km,1km,
mB4.2/7,Error ellipse: s-maj=26.6km s-min=19.7km
az=97.0

ICC 22:21:15:44.5:1.0,33°16'S,0°09:178°6'W,0.2,h10km,n46,
c130/50,mB4.2/7,MS3.5/3,South of Kermadec Islands

Code Station Name Δ° AZZ Phase ID Time Res
GLKZ Green Lake 3.93 9 Op Pn 20 17 28.0 -3.0
GLKZ Matakaoa Point 5.07 209 Pn Sn 20 16 59.1 -1.4
MXZ Waionatani S 5.25 207 P S 20 17 03.4 +0.4

WEL 22:21:15:43.0:1.1,33°S,8°17'W,ML4.4/7,
mB4.9/4,ML4.5/9,ML4.5/7,Mw(mB)4.2/4,Error ellipse:
s-maj=28.3km s-min=4.6km az=108.1,confirmed

ICC 22:21:15:43.3:2.0,33°28'S-178°52'W,h0km,mB4.3/2,
mbmtP4.3/3,ML4.4/1,MS3.6/3,Error ellipse: s-maj=58.3km
s-min=33.3km az=127.0

NEIC 22:21:15:47.3:1.6,33°55'0:1x178°8'W,0.2,h10km,1km,
mB4.2/7,Error ellipse: s-maj=26.6km s-min=19.7km
az=97.0

ICC 22:21:15:44.5:1.0,33°16'S,0°09:178°6'W,0.2,h10km,n46,
c130/50,mB4.2/7,MS3.5/3,South of Kermadec Islands

Code Station Name Δ° AZZ Phase ID Time Res
GLKZ Green Lake 3.93 9 Op Pn 20 17 28.0 -3.0
GLKZ Matakaoa Point 5.07 209 Pn Sn 20 16 59.1 -1.4
MXZ Waionatani S 5.25 207 P S 20 17 03.4 +0.4

Table with columns for station ID, name, coordinates, and status. Includes stations like TAPS Pump Str8, Indian Mountain, Antoyeneega Mo, Purkeyette Mo, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like TOLK, I27K, WACK, Kandik River, Wrangeli Chich, etc.

Table with columns for station ID, name, coordinates, and status. Includes stations like G15K, Niukluk, KAIM, Kayak Island, C27K, Jago River, etc.

NIED 22 22:00:36.2, 36.70N, 142.24E, h23km, MW3.7, Moment Tensor Solution. s3 Moment tensor: Scale 10^14Nm; Mn:2.31; Mo:0.11; M0:2.42; M0:0.88; M0:0.92; M0:2.37; Fault plane solution: Mo3.570000x10^14 NP1: 0.196, 0.00000, 0.822, 0.00000, 0.86, 0.00000. NP2: 0.20, 0.00000, 0.68, 0.00000, 0.92, 0.00000. JMA 22 22:00:36.2, 0.4, 36.77N, 0.7x14.2E, h23km, MV3.5/35, E OFF FUKUSHIMA PREF IDC 22 22:00:45.3, 3.6, 36.46N, 141.72E, h79km, mv3.5, mb3.3/4, mbmp3.7/6, MS2.8/1, Error ellipse: s-maj=32.1km s-min=16.1km az=60.0. ISC 22 22:00:38.2, 1.1, 36.67N, 0.05:142.05E, 0.07, h19km, m29, c1508.22, mb3.5/4, Off east coast of Honshu Code Station Name Az AZ2 Phase ID Time h m s ISC

Table with columns: Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like ARCES ARCESS Array B, KURBK Kurchatov, MKAR Makanchi Arra, etc.

NEIC 22 22:53:31.71.0.20.70S.0.10.177.7W.0.2. h540km,8km, mb4.1/16, Error ellipse: s-maj=22.8km s-min=11.6km az=67.0

IDC 22 22:53:32.5.2.4.20.53S.177.97W, h547km,22km, mb3.4/10, mbmtpd,4.3/11, Error ellipse: s-maj=28.4km s-min=18.4km az=110.0

ISC 22 22:53:32.5.0.7.20.7S.0.1x177.8W.0.1, h550km, n56, a1507/44, mb4.0/18, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MSVF Nonsavu, MSVF Nonsavu, FUTU Fugatoga, etc.

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like FITZ Fitzroy Crossi, MBWA Marble Bar, MORW Morawa, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like QSPA South Pole Qui, QSPA South Pole Qui, UJM Wanagama, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like KIWB Kanaga Island, ADK Adak, PETK Petropavlovsk, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PETK Petropavlovsk, KSRS Korea Array, USRK Ussuriysk Ar, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BELA Belgrano 2, CCB Clear Creek Bu, CCB Clear Creek Bu, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like AK03 Malin Array Si, AKASG Malin Array Be, AK03 Malin Array Si, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like BRTR Keskin Array B, BRTR Keskin Array B, UZHM Uzhgord, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SDD 22 22:55:25.7.15.0.16.89N.68.41W, h56km,398km, MD3.3, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like PCDR Punta Cana, DR, PCDR Punta Cana, DR, PCDR Punta Cana, DR, etc.

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

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MLPR Maguies Islan, MLPR Maguies Islan, MLPR Maguies Islan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MLPR Maguies Islan, MLPR Maguies Islan, MLPR Maguies Islan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MLPR Maguies Islan, MLPR Maguies Islan, MLPR Maguies Islan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MLPR Maguies Islan, MLPR Maguies Islan, MLPR Maguies Islan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like MLPR Maguies Islan, MLPR Maguies Islan, MLPR Maguies Islan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SJJG San Juan, SJJG San Juan, SJJG San Juan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SJJG San Juan, SJJG San Juan, SJJG San Juan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SJJG San Juan, SJJG San Juan, SJJG San Juan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SJJG San Juan, SJJG San Juan, SJJG San Juan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SJJG San Juan, SJJG San Juan, SJJG San Juan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SJJG San Juan, SJJG San Juan, SJJG San Juan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SJJG San Juan, SJJG San Juan, SJJG San Juan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SJJG San Juan, SJJG San Juan, SJJG San Juan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SJJG San Juan, SJJG San Juan, SJJG San Juan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like SJJG San Juan, SJJG San Juan, SJJG San Juan, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like RTAL Retalhuleu, RTAL Retalhuleu, RTAL Retalhuleu, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NUBE Las Nubes, NUBE Las Nubes, NUBE Las Nubes, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NUBE Las Nubes, NUBE Las Nubes, NUBE Las Nubes, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NUBE Las Nubes, NUBE Las Nubes, NUBE Las Nubes, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NUBE Las Nubes, NUBE Las Nubes, NUBE Las Nubes, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NUBE Las Nubes, NUBE Las Nubes, NUBE Las Nubes, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NUBE Las Nubes, NUBE Las Nubes, NUBE Las Nubes, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NUBE Las Nubes, NUBE Las Nubes, NUBE Las Nubes, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NUBE Las Nubes, NUBE Las Nubes, NUBE Las Nubes, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NUBE Las Nubes, NUBE Las Nubes, NUBE Las Nubes, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NUBE Las Nubes, NUBE Las Nubes, NUBE Las Nubes, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NUBE Las Nubes, NUBE Las Nubes, NUBE Las Nubes, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NUBE Las Nubes, NUBE Las Nubes, NUBE Las Nubes, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NUBE Las Nubes, NUBE Las Nubes, NUBE Las Nubes, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NUBE Las Nubes, NUBE Las Nubes, NUBE Las Nubes, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NUBE Las Nubes, NUBE Las Nubes, NUBE Las Nubes, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NUBE Las Nubes, NUBE Las Nubes, NUBE Las Nubes, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res. Includes stations like NUBE Las Nubes, NUBE Las Nubes, NUBE Las Nubes, etc.

moment-rate function
NEIC 23.01:17:13.1... Error ellipse: s-major=10.2km

ISC 23.01:17:13.1... h17km,4km, n865, r184/723, mb4.9/257, MS4.2/58, 9C-8D, Near coast of Oaxaca

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time s, Res s. Lists stations like HUIG Huatulco, PEIG Puerto Escondido, OXLC Oaxaca, etc.

Table with columns: INVM, La Marquesa, INVM, Tizayuca, APVM, Azcapotzalco, APVM, Azcapotzalco, PTVM, Pico Tres Padr, PTVM, Pico Tres Padr, etc.

Table with columns: MIAR, Mount Ida, HSIG Muleshoe, MXST Muleshoe, W35A Tecumseh, FNO Franklin, OXF Oxford, 319A Douglas, AMTX Amarillo, WHAR Woolly Hollow, 121A Cookes Peak, OK02S Liberty Lake, Y49A Blount Mountain, TUL3 Leonard, ELIS Ellis County, HHAR Harlingen, Y22A Socorro, U38A Greavette, U38A Greavette, LCAR Lake Charles, Y52A Liburn, TUC Tucson, TUC Tucson, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, ANMO Albuquerque, DBBC Dabeiba, KAN01 Argonia South, RTBA Rita Blanca, WVT Waverly, WVT Waverly, UREC San Jos de Ur, T42A Van Buren, S39A Bolivar, HODC Ciudad Bolivar, CBOG Hodges, PLMC San Jos del P, BG3 Lake Joazeiro, X18A Snowflake, U25A Trinidad, T49A Red Boiling Sp, CCM Cathedral Cave, CCM Cathedral Cave, CCM Cathedral Cave, TKL Tuckaleechee C, TKL Tuckaleechee C, TKL Tuckaleechee C, FVM French Village, GUY2C Guyana, Caidas, BBAC Balboa, Cauca, V53A Salud, X16A Lo Mia Camp, POPC Popayan, Colom, KSU1 Kansas State U, OTAV Otavalo, OTAV Otavalo, OTAV Otavalo, KMSC Kings Mountain, SDCO Great Sand Dune, ORTC Ortega, Tolima, Y14A Wickenburg, P38A Dawn, WCI Wyandotte Cave, WCI Wyandotte Cave, WCI Wyandotte Cave, ROSC El Rosal, ROSC El Rosal, ROSC El Rosal, ROSC El Rosal, ROSC El Rosal, V55A Taylorsville, W57A Gilead, GLA Glamis, GLA Glamis, GLA Glamis, U54A Neilsons Funny, ESJZ Sierra Juarez, R49A Shelbyville, S51A Beattyville, RUSC La Rusia, U56A King

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like Paradox Valley, Cerro Bola, Radium Mtn., etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like Deloro Mine, Cruzeiro do Su, Wild Horse Val, etc.

Table with columns: ID, Name, Date, Time, Location, Status, etc. Includes entries like Whitehorse, Sheldon Lake, Millard Lake, etc.

23d 1h

2020 JUN

1402

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error. Includes stations like GLI, G29M, G29M, M24K, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error. Includes stations like RED, ILSW, SPCR, ILULI, SKT, SKT, SKT, etc.

Table with columns: Station ID, Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error. Includes stations like PPT, S14K, G22K, TULEG, O16K, KULLO, etc.

23d 1h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LL02 Futaleuf, G004 Tololo Observa, CO01 Juntas del Tor, etc.

RHSSO 23 01:33:20.8-0.2, 44.22N:18.57E, h6km, 2km, ML2.6/8
PDG 23 01:33:20.0-0.5, 44.24N:18.60E, h0km, 11km, ML2.6/11
Error ellipse: s-maj=1.2km s-min=2.2km az=0.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DOB Doboj, BBLs Lazići, etc.

2020 JUN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BLY Banja Luka, BLY Banja Luka, BLY Banja Luka, etc.

NEIC 23 01:40:28.8-1.1, 19.05N:0.04-67.73W:0.02, h10km, 1km,
ML2.6/39, MD3.6/13(RSPR), Error ellipse: s-maj=7.3km
s-min=3.2km az=359.0

RSPR 23 01:40:30.6, 19.11N:67.87W, h2km, 30km, MD3.6/13
OSPL 23 01:40:31.9-1.0, 19.05N:67.65W, h11km, 11km, ML2.4,
Presumed earthquake
SDD 23 01:40:33.6-2.7, 18.94N:67.64W, h0km, 12km, MD3.0,

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

1404

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

NOU 23 01:46:12.3, 23.12S:172.85E, h0km, ML5.5/7, Southeast
of Loyalty Islands
IDC 23 01:46:31.2, 1.22, 36S:171.56E, h55km, 6km, mb4.0/6,
mbmp4.4/8, MS3.4/8, Error ellipse: s-maj=29.9km
s-min=15.6km az=5.0

NEIC 23 01:46:31.7, 1.4, 22.6S:0.1-171.49E:0.08, h35km, 2km,
KOUNC Koumac, New Ca 7.14 284 P
az=2.0
ISC 23 01:46:29.4-0.7, 22.4S:0.1-171.68E:0.08, h35km, 6m1,
o133/53, mb4.5/13, MS3.5/5, 3C, Southeast of Loyalty
Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like MARNC Mare, Loyalty, MARNC Mare, Loyalty, YATNC Mamie plateau, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like MBWA Marble Bar, NWAO Narrogin (SRO), MORWA Morawa, SBA Scott Base, QSPA South Pole Qui, CMAR Chiang Mai Arr, MA2 Magadan, TROLL Troll, SNAAS Sanae, VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, NVAR Mina Array Bea, SONM Songino Array, ELK Elko, STEB Steboruska, DPC Dobruca-Polom, ZVC Zvikov, CKRC Cesky Krumlov, KHC Kasperske Hory, GERES GERESS Array B, BIOA Bad Ischl, AUS, SOKA Soboth, KBA Koelnbrunnsp, LESA Schwarzealot, WATA Walderalm, ABTA Abfaltersbach, WTTA Wattenberg, MOTA Moosalm, RETA Reutte, FETA Feichten.

MEX 23 02:09:32.1±0.5, 14°32'N; 92°23'W, h78km, 31km, MD3.5
CGC 23 02:09:32.4±0.6, 14°79'N; 91°89'W, h80km, 4km, MD3.4
MW2: 9 Presumed earthquake
ISC 23 02:08:29.5±0.3, 14°52'N; 02°19'18'W; 0.2, h99km, 20km, n11,
+1523/13, Guatemala

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like RTAL Retalhuleu, STG2 El Palmar, STG8 El Palmar, STG5 El Palmar, THIG, CHJUJ Union Juarez, PATR El Naranjo, PAVE Pavencul, ESSG Sabana Grande, FG8 Yecopaca, Chim, FG16 Aletanango, Sa.

IDC 23 02:16:48.4±1.1, 32°17'S; 68°41'W, h120km, 9km, mb3.1/2,
mbmp3.7/4, MS3.3/1, Error ellipse: s-maj=69.7km
s-min=25.8km az=89.0
SJA 23 02:16:48.0±0.6, 32°17'S; 68°40'W, h126km, 3km, ML3.6,
MW3.6
ISC 23 02:16:48.5±0.8, 32°18'S; 00°38'31'W; 0.04, h130km, 6km,
n32, ±1567/52, Mendoza Province

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like CFA Coronel Fontan, SJA San Juan, ZON Zonda, RTLL Cerro Villicu, ACAN Cantantal, ACCO Cerro Coronel, MT04 Ro Olivares, CO02 Combarbal, MT02 Curacav.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like CO01 Juntas del Tor, GO04 Tololo Observa, VA01 Torpederas, MT01 Popeta, BO01 Tunca, BO02 Sierra Bellavi, AC05 El Transito, LCO Las Campanas, GO05 Hualane, AC04 Llanos de Chal, GO03 Copiapo, LPAZ La Paz, SDV San Ignacio, SIV Santo Domingo, QSPA South Pole Qui, TXAR Lajitas Array, ZALV Zalesovo Beam.

IDC 23 02:20:45.0±1.9, 33°58'S; 178°28'W, h0km, mb3.9/3,
mbmp3.9/4, ML3.3/1, MS2.6/1, Error ellipse: s-maj=42.4km
s-min=34.9km az=90.0
NEIC 23 02:20:51.6±0.9, 33°33'S; 0°1'179'0'W; 0.1, h10km, 1km,
mb4.9/12, Error ellipse: s-maj=21.0km s-min=16.9km
az=340.0
ISC 23 02:20:50.6±0.8, 33°33'S; 0°10'179'0'W; 0.1, h10km, n20,
±092/19, mb4.4/6, South of Kermadec Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like RAO Raoul Island, URZ Urewera, RTZ Rarotonga, NIUE Niue, RAR Rarotonga, HNR Honiara, COEN Coen, ASAR Alice Springs, WRR Warramunga Arr, WRA Warramunga Arr, WBO Warramunga Arr, VWA Vanda, NWAO Narrogin (SRO), QSPA South Pole Qui, GSPA South Pole Qui.

NNC 23 02:37:02.7±8.3, 43°89'N; 88°80'E, h0km, mb3.6, mvp3.2,
9C-1D, Error ellipse: s-maj=61.1km s-min=40.3km
az=101.0, Northern Xinjiang

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like MK31 Makanchi Array, PDGK Podgornoye, PDGK Kurchatov Arra, KURB Kurchatov, KURK Kurchatov.

NEIC 23 02:51:57.9±1.1, 36°45'N; 0°004'117°98'W; 0.01,
h10km, 4km, ML3.8/132, Mw3.8/139, Mw3.8/6(PAS), Error
ellipse: s-maj=1.8km s-min=0.4km az=75.0
IDC 23 02:51:58.4±0.8, 36°47'N; 118°05'W, h0km, mb3.2/2,
mbmp3.3/7, ML3.3/6, MS2.3/2, Error ellipse: s-maj=13.4km
s-min=5.5km az=73.0
PAS 23 02:51:58.5±1.1, 36°44'N; 0°10'117°93'W; 0.008,
h4km, 3km, Error ellipse: s-maj=1.4km s-min=0.8km
az=173.0
NEIC 23 02:51:58.1, 36°46'N; 117°97'W, h6km, Moment Tensor
Solution. Moment tensor: Scale 10^14Nm; Mr=3.61;
Mo=0.27; Mw=3.88; Mo=1.69; Mw=3.41; Mo=1.02; Fault
plane solution: Ms=3.5000x10^14 NP1: 50.530000°,
δ49.210000°, λ=134.230000°. NP2: 236.660000°,
δ57.140000°, λ=51.050000°. Principal axes: T 5.8571,
Pg4.0000°, Azm300.0000°; N -1.2317, Pg32.0000°,
Azm33.0000°; P -4.6254, Pigs1.0000°, Azm203.0000°.
ISC 23 02:51:58.0±0.8, 36°45'N; 0°11'179°W; 0.02, h9km, 5km,
n120, ±0974/140, California-Nevada border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like CWC Cottonwood Cre, CGO Cerro Gordo, MFS McCloud Flat, DAC Darwin (Calif), WLMH Little Horse, WRVM Rose V. Centra, WCSM Coso Springs S, WCSM Joshua Ridge, WVPIM Volcano Peak E, RWCM Renegade Canyo, WCHM Chimney Peak, WCHM Nine Mile Cany, TIN Tinemaha, Big, TIN Tinemaha, Big, TOW Tower One, SPG2 Springville 2, CLC China Lake, CLC China Lake, CLC China Lake, CLC China Lake, GRAC Grapevine Ridge, GRAC Grapevine Ridge, GRAC Grapevine Ridge, GRAC Grapevine Ridge, SRCT Snort, WORM Onyx Ranch, WHFM Hanning Flat, WASM Alta Sierra Ca, ISA Isabella, Lake, ISA Isabella, Lake, FURC Furnace Creek, FURC Furnace Creek, FURC Furnace Creek, DSP Deep Springs, DSP Deep Springs, DSP Deep Springs, WBSM Bird Springs, WBSM Bird Springs, LRMC Laurel Mtn Rad, LRMC Laurel Mtn Rad, LRMC Laurel Mtn Rad, LRMC Laurel Mtn Rad, MTUM Tungsten Hills, QSM Queen of Sheba, QSM Queen of Sheba, QSM Queen of Sheba, GMN Gold Mountain, GMN Gold Mountain, GMN Gold Mountain, CCCA Chr Cany lake, CCCA Chr Cany lake, VES Vestal, Richgr, VES Vestal, Richgr, VES Vestal, Richgr, GWY Greenwater Val, GWY Greenwater Val, GWY Greenwater Val, WCT Valley Oaks Go, WCT Wildcat Mouna, WCT Wildcat Mouna, WCT Wildcat Mouna, DTP Desert Tortois, DTP Desert Tortois, CCAC Calif City Air, TEJ El Tejon, TEJ El Tejon, MLAC Mammoth, Mammo, KCC Kaiser Crest, MCSM Casa Diablo Ho, BAKC Calstate.

Table with columns: MCK, MCKinley, 5.06 95, IAML, 03 02 52.1, etc. Includes stations like MCK, O17K, O16K, O16K, RND, etc.

NEIC 23 03:12:42.0, 8.2, 93.0S; 0.1, 180.0E; 0.2, h518km, 9km, mb3.3/16, Error ellipse: s-maj=21.1km s-min=17.6km az=89.0

IDC 23 03:12:42.5-1.5, 23.86S; 179.97E, h526km, 13km, mb3.4/10, mbmtpp.4/12, Error ellipse: s-maj=23.0km s-min=14.7km az=89.0

ISC 23 03:12:42.2-0.5, 23.91S; 0.008, 180.0E; 0.1, h526km, n50, a=105/55, mb4.0/18, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like MSVF, NIUE, URZ, RTZ, etc.

Table with columns: CMAR, Chiang Mai Arr, 89.52 290, P, P, 03 24 44.5 +0.7, etc. Includes stations like CMAR, MKAR, KURK, etc.

IDC 23 03:29:04.5-1.9, 33.15S; 178.57W, h0km, mb3.8/3, mbmtpp.3.8/4, ML3.4/1, Error ellipse: s-maj=44.2km s-min=34.3km az=90.0, South of Kermadec Islands

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

IDC 23 03:45:44.0-2.3, 32.42S; 178.78W, h0km, mb3.6/3, mbmtpp.3.6/4, ML3.1/1, Error ellipse: s-maj=53.8km s-min=37.9km az=62.0, South of Kermadec Islands

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

ISU 23 04:05:35, 41.27N; 72.89E, h28km, KRNET 23 04:05:36.0, 41.20N; 72.73E, h30km, mb3.5, SOME 23 04:05:32.3, 41.23N; 72.75E, h15km

NNC 23 04:05:38, 1.4, 41.30N; 72.70E, h0km, mb3.6, mpv3.6, Error ellipse: s-maj=11.9km s-min=5.0km az=170.0

KNET 23 04:05:38, 6.0, 3.41, 42N; 72.68E, h1km, mb2.9, Error ellipse: s-maj=3.9km s-min=2.2km az=149.0

ISC 23 04:05:36.0, 1.0, 41.23N; 0.02; 72.74E; 0.02, h16km, gms, n51, r154/94, 40C-211, Kyrgyzstan

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like ARSB, TSTA, OHH, etc.

Table with columns: KBK, 12nm, 0.2s, 2.18 48, Sg, 04 06 12.4 +0.6, etc. Includes stations like KBK, JNKS, JNKS, etc.

IPEC 23 04:11:19, 1.0, 2.51, 60N; 16.22E, h1km, ML1.8/8, Error ellipse: s-maj=1.5km s-min=1.1km az=46.0

VIE 23 04:11:20, 3.0, 5.51, 54N; 16.30E, h0km, mb2.5/1, ml2 5/2, Error ellipse: s-maj=6.2km s-min=3.4km az=81.0, 17 km NNE of Lubin Suspected Mining adze.

PRU 23 04:11:22, 1.1, 4.91N; 16.13E, h0km, ISC 23 04:11:20, 1.1, 4.51, 56N; 0.06; 16.27E; 0.03, h0km, n28, a=91/49, Poland

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, etc. Includes stations like KSP, CHVC, OSTC, etc.

23d 5h

ML3.4/8,MLV3.8/63, Error ellipse: s-maj=13.0km s-min=10.5km az=19.3,confirmed ISC 23 05:39:51.12,5,36,73.9E,0.10:177.74E,0.10, h233km,11km,n147,e2825/155,Off east coast of North Island

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

2020 JUN

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

1410

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like KMPD, AK07, AK10, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like NOA, NORSAR Array B, NC204, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BBJJ, COEN, WBO, etc.

IDC 23 05:55:06.5:0.7, 2.86N, 126.33E, h0km, mb4.0/13, mbmp4.1/14, ML4.1/11, MS3.0/13, Error ellipse: s-maj=37.3km s-min=13.0km az=77.0

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

CATAC 23 05:59:30.5:0.6, 13.1N, 3.8W, h22km, 4km, M2.7/14, MLV2.7/14, Error ellipse: s-maj=7.6km s-min=4.2km az=23.5, confirmed

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like TEGO, COEG, LOMA, etc.

DIX	comp=E,29300µm,0.2s	AML	AML	SCHAT	Chtetillon,	0.78 357	↑Pg	Pb	06 25 56.5	0.0	comp=N,442nm,0.2s	MT101	Mont Terri (ME)	1.34	8	↑Pn	Pn	06 26 05.8	+0.3
DIX	comp=E,29300µm,0.1s	AML	AML	SCHAT	La Chapelle	0.80 315	ePg	Pg	06 25 58.8		MT102	Mont Terri, (H)	1.34	8	↑Pn	Pn	06 26 05.8	+0.2	
DIX		AML	AML	CABF					06 26 07.1	+0.5	RT04	Mont Terri MTI	1.35	9	↑Pn	Pn	06 26 06.0	+0.3	
SHER	Hrmence, R	0.37	68	↓Pg	Pg	06 25 48.5	+0.3				Bourr	Bourgnon	1.36	9	↑Pn	Pn	06 26 06.2	+0.4	
SIOV	Sion-Valere	0.37	60	↓Pg	Pg	06 25 48.5	+0.3				NALPS	Nals	1.39	66	↑Pn	Pn	06 26 07.2	+0.2	
SIOV	Sion-Valere	0.37	60	↓Pg	Pg	06 25 53.4	+0.2				BALST	Balsthal	1.40	23	↑Pn	Pn	06 26 06.5	+0.1	
SIOV	Sion-Valere	0.37	60	↓Pg	Pg	06 25 48.5	+0.3				DAGMA	Luterlath, Dagn	1.41	33	↑Pn	Pn	06 26 06.9	+0.4	
SIOV	Sion-Optalmol	0.38	61	↓Pg	Pg	06 25 48.8	+0.4				PREO2	Preonzo, Alpe	1.46	81	↑Pn	Pn	06 26 07.9	-0.2	
SIOU	Sion-Optalmol	0.38	61	↓Pg	Pg	06 25 54.2	+0.7				PREO4	Preonzo, Alpe	1.46	81	↑Pn	Pn	06 26 07.9	-0.2	
RAW2	Sanetsch, VS	0.39	47	↑Pg	Pg	06 25 48.8	+0.2				MUGIO	Muggio	1.50	94	↑Pn	Pn	06 26 08.5	-0.3	
RSL	Roselend	0.41 208	Pg	Pg	06 25 48.6	-0.3					MUGIO	Muggio	1.50	94	↑Pn	Pn	06 26 08.5	-0.3	
RSL	Roselend	0.41 208	Pg	Pg	06 25 48.6	-0.3					MUGIO	Muggio	1.50	94	↑Pn	Pn	06 26 08.5	-0.3	
RSL	Roselend	0.41 208	Pg	Pg	06 25 48.6	-0.3					MUGIO	Muggio	1.50	94	↑Pn	Pn	06 26 08.5	-0.3	
SVEJ	Vevey Jardin d	0.41 354	↑Pg	Pg	06 25 49.4	+0.5					CREF	Crivoux	1.51	188	↑Pn	Pn	06 26 08.9	+0.1	
SVEJ	Vevey Jardin d	0.41 354	↑Pg	Pg	06 25 49.4	+0.5					MUO	Muothal	1.51	52	↑Pn	Pn	06 26 09.4	+0.5	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				HAMIK	Himikon, Dlik	1.52	38	↑Pn	Pn	06 26 08.5	+0.4	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				SRER	Reinach, Raine	1.54	16	↑Pn	Pn	06 26 08.5	+0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				ARBEDO	Arbedo Castione	1.54	84	↑Pn	Pn	06 26 09.3	-0.2	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.0	+0.5	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo	1.55	174	↑Pn	Pn	06 26 09.3	-0.3	
LE001	Saint Lonard,	0.42	61	↓Pg	Pg	06 25 49.3	+0.2				PZZ	Stroppo							

23d 6h

Table of astronomical observations for 23d 6h, listing stations like FUORN, ROTWEI, LOR, etc., with columns for time, station, and coordinates.

2020 JUN

Table of astronomical observations for 2020 JUN, listing stations like FUR, CLF, CHAMBON-FORET, etc., with columns for time, station, and coordinates.

1414

Table of astronomical observations for 1414, listing stations like CKRC, GRR, ZVC, etc., with columns for time, station, and coordinates.

Table with columns for station name, frequency, and other technical details. Includes stations like MMPI Merakue, SBJI Serang, DLV Lat, DSRI Dabo, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like GZH2, GZH2, GZH2, GZH2, etc.

Table with columns for station name, frequency, and other technical details. Includes stations like GYA, GYA, GYA, FORT, etc.

23d 7h

Table with columns for station name, frequency, power, and other technical details. Includes stations like MAJO Matsuhiro, AUJCS Jamestown Cent, STKA Stephens Creek, etc.

2020 JUN

Table with columns for station name, frequency, power, and other technical details. Includes stations like MAJO Matsuhiro, MAJJO Matsuhiro, MAJBO Matsuhiro, etc.

1418

Table with columns for station name, frequency, power, and other technical details. Includes stations like CAN Canberra, CAN Canberra, BTO2 Baotou, etc.

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like Bilaspur, Wake Island, Gladstone, etc.

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

Table with columns: Station Name, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like JASL, BHUJ, SKR, Severo-Kuril's, etc.

FALS	False Pass	80.05	34	P	P	07 55 26.7 +1.0
M1K1	Mekoryuk	80.12	28	I	Amb	07 55 29.5
M1K1	Mekoryuk	80.12	28	P	P	07 55 28.1 +2.2
VNDA	Vanda	80.25	172	P	P	07 55 27.1 +0.7
VNDA	comp=Z,73nm,0.8s,baz=310,slow=6.4,SNR=159					08 14 09.7 -2.8
VNDA	comp=Z,4.1nm,0.9s,baz=297,slow=2.8,SNR=75					08 22 18.1 +6.1
VNDA	comp=Z,1.5nm,0.9s,baz=316,slow=4.2,SNR=3.1					08 31 59.1
OVEH	Oceanview Est	80.32	71	I	Amb	07 55 35.1
TNA	Tin City	81.04	23	P	P	07 55 32.2 +1.5
MWH	Mokuaweweo	81.11	70	I	Amb	07 55 37.0
ATD	Arta Tunnel	81.11	282	LR	LR	08 30 02.0
ATD	Arta Tunnel	81.11	282	P	P	07 55 30.1 -2.2
MLOA	Mauna Loa Obse	81.13	70	I	Amb	07 55 37.3
POHA	Pohakuloa	81.18	70	P	P	07 55 34.2 +1.4
SBA	Scott Base	81.19	172	P	P	07 55 32.3 +0.9
SBA	Scott Base	81.19	172	P	P	07 55 32.3 +0.9
K13K	Kusilivak Mount	81.29	27	I	Amb	07 55 35.5
K13K	Kusilivak Mount	81.29	27	P	P	07 55 34.4 +2.2
UWE	Uwekahuna	81.39	70	I	Amb	07 55 38.2
HATHI	Halema'uma'u T	81.42	70	I	Amb	07 55 38.3
BYL	Byron's Edge	81.42	70	I	Amb	07 55 38.3
PUH	Pauahi	81.46	71	I	Amb	07 55 38.4
BELG	Belogomoye	81.49	323	LR	LR	08 34 29.4
BELG	Belogomoye	81.49	323	/P	/P	07 55 31.8 -1.6
M13K	Dall Lake	81.49	29	I	Amb	07 55 36.7
M13K	Dall Lake	81.49	29	P	P	07 55 35.6 +2.4
STCH	Steam Cracks	81.55	71	I	Amb	07 55 38.8
GNI	Garni	81.56	310	LR	LR	08 37 40.7
GNI	Garni	81.56	310	P	P	07 55 34.1 -0.3
GNI	Garni	81.56	310	P	P	07 55 33.9 -0.4
GNI	Garni	81.56	310	/P	/P	07 55 33.8 -0.5
GNI	Garni	81.56	310	P	P	07 55 33.3 -1.0
GNI	Garni	81.56	310	P	P	07 55 33.8 -0.5
F14K	Arctic Creek	81.64	23	P	P	07 55 36.1 +2.2
ANM	Nome	81.75	24	P	P	07 55 36.6 +2.1
KIRV	Kirov	81.80	329	/P	/P	07 55 33.4 -1.5
SDPT	Sand Point	81.81	34	P	P	07 55 36.6 +1.6
SDPT	Sand Point	81.81	34	P	P	07 55 35.9 +0.8
L14K	Kuka Creek	82.04	28	P	P	07 55 38.5 +2.4
N14K	Kuskokwak Cree	82.18	29	I	Amb	07 55 39.8
N14K	Kuskokwak Cree	82.18	29	P	P	07 55 38.8 +2.0
CHNA	Chernabura Isl	82.21	35	P	P	07 55 39.2 +2.1
CHNA	Chernabura Isl	82.21	35	P	P	07 55 38.3 +1.1
O14K	Tiguykauivet M	82.23	30	I	Amb	07 55 40.1
O14K	Tiguykauivet M	82.23	30	P	P	07 55 38.9 +1.7
M14K	Bethel	82.24	28	P	P	07 55 39.4 +2.2
F15K	North Star Dit	82.38	23	P	P	07 55 40.0 +2.1
G15K	Niukluk	82.42	24	P	P	07 55 39.7 +1.7
S14K	Fog Glacier	82.51	33	P	P	07 55 40.0 +1.2
GEVA	Gevas	82.66	308	I	Amb	07 55 40.9
L15K	Ungalak Mountain	82.68	28	P	P	07 55 41.3 +1.9
K15K	Wolf Creek Mou	82.80	27	P	P	07 55 42.3 +2.3
M15K	Kasiglik River	82.83	29	P	P	07 55 42.0 +1.8
C16K	Lisburne Hills	82.88	21	P	P	07 55 42.1 +1.8
O15K	Ungalikthiuk R	82.94	30	I	Amb	07 55 43.8
O15K	Ungalikthiuk R	82.94	30	P	P	07 55 42.4 +1.6
N15K	Kwethluk River	83.01	29	P	P	07 55 43.2 +2.0
H16K	Elim	83.06	25	P	P	07 55 43.4 +2.0
CHGN	Chignik	83.14	33	I	Amb	07 55 43.8
CHGN	Chignik	83.14	33	P	P	07 55 42.6 +0.7
G16K	Koyuk River	83.21	24	P	P	07 55 44.2 +2.2
KBZ	Khabaz	83.34	314	P	P	07 55 42.2 -1.0
KBZ	Khabaz	83.34	314	LR	LR	08 37 52.4
KBZ	Khabaz	83.34	314	/P	/P	07 55 41.9 -1.3
GOF	Gofitskoye	83.38	315	c	c	07 55 42.6 -0.8
GOF	Gofitskoye	83.38	315	e	e	08 05 50.7 -4.6
J16K	Anvik River	83.45	26	P	P	07 55 45.7 +2.3
GURO	Guroymak-BITLI	83.48	309	I	Amb	07 55 45.4
SHA1	Shidzhimaz	83.51	314	c	c	07 55 43.1 -1.4
KIV	Kislovodsk	83.51	314	P	P	07 55 43.5 -0.7
KIV	Kislovodsk	83.51	314	/P	/P	07 55 43.6 -0.7
KIV	Kislovodsk	83.51	314	e	e	07 55 42.7 -1.6
KIV	Kislovodsk	83.51	314	e	e	08 05 53.2 -3.4
KIV	Kislovodsk	83.51	314	e	e	08 11 24.6 -0.8
KIV	Kislovodsk	83.51	314	e	e	07 55 42.7 -1.6
KIV	Kislovodsk	83.51	314	e	e	08 05 53.1 -3.5
KIV	Kislovodsk	83.51	314	e	e	07 55 43.2 -1.1
D17K	Noatak River	83.53	22	P	P	07 55 46.2 +2.5
I17K	Unalakleet	83.54	26	P	P	07 55 46.2 +2.4
L16K	Owhat River	83.62	28	P	P	07 55 46.2 +1.9
RDOG	Red Dog Mine	83.69	21	P	P	07 55 46.5 +2.0
C17K	DeLong Mountai	83.71	21	P	P	07 55 46.7 +2.0
N16K	Nishlik Lake	83.72	29	P	P	07 55 47.2 +2.4
M16K	Timber Creek	83.73	29	P	P	07 55 46.9 +2.0
R16K	Pilot Point	83.81	32	P	P	07 55 46.0 +0.7
P16K	Nushagak River	83.84	31	P	P	07 55 47.2 +1.8
E17K	Hotham Inlet	83.84	22	P	P	07 55 47.5 +2.2

O16K	Kokkov River B	83.89	30	P	P	07 55 47.4 +1.7
F17K	Baldwin Pennin	83.91	23	I	Amb	07 55 48.9
F17K	Baldwin Pennin	83.91	23	P	P	07 55 47.4 +1.8
G17K	Kiwalik Mounta	83.93	24	P	P	07 55 47.9 +2.1
BATM	Batumi	84.01	312	/P	/P	07 55 46.0 -0.7
BATM	Batumi	84.01	312	P	P	07 55 46.0 -0.7
H17K	Granite Mounta	84.10	25	P	P	07 55 48.8 +2.1
J17K	VABM Dome	84.14	26	I	Amb	07 55 50.4
J17K	VABM Dome	84.14	26	P	P	07 55 49.0 +2.1
L17K	Donlin	84.25	28	P	P	07 55 49.7 +2.2
K17K	Iditarod	84.36	27	I	Amb	07 55 52.2
K17K	Iditarod	84.36	27	P	P	07 55 50.1 +2.1
E18K	Tukpahleirik C	84.39	22	P	P	07 55 50.1 +2.0
O17K	Koliganek Bris	84.42	30	P	P	07 55 50.1 +1.7
C18K	Utukok River	84.46	21	I	Amb	07 55 51.5
C18K	Utukok River	84.46	21	P	P	07 55 50.2 +1.7
R17L	Mt. Peulik Vol	84.46	32	P	P	07 55 49.7 +1.0
Q16K	King Salmon	84.47	31	P	P	07 55 49.0 +0.5
N17K	Nushagak Hills	84.50	29	I	Amb	07 55 53.0
N17K	Nushagak Hills	84.50	29	P	P	07 55 50.9 +2.1
M17K	Holtna River	84.52	28	I	Amb	07 55 52.5
M17K	Holtna River	84.52	28	P	P	07 55 51.0 +2.2
F18K	Selawik	84.57	23	P	P	07 55 50.5 +1.5
CHIR	Chirikof Islan	84.61	34	I	Amb	07 55 51.3 +1.9
CHIR	Chirikof Islan	84.61	34	I	Amb	07 55 52.2
CHIR	Chirikof Islan	84.61	34	P	P	07 55 51.1 +1.7
P17K	Kvichak River	84.66	31	P	P	07 55 50.8 +1.3
H18K	Honhosa River	84.79	25	I	Amb	07 55 53.7
H18K	Honhosa River	84.79	25	P	P	07 55 51.6 +1.4
Q17K	Contact Cree	84.80	32	P	P	07 55 50.7 +0.2
G18K	Tagagawik	84.82	24	I	Amb	07 55 53.0
G18K	Tagagawik	84.82	24	P	P	07 55 51.5 +1.2
A19K	Wainwright	84.88	19	P	P	07 55 52.9 +2.4
VRH	Novokhoporsky	84.94	321	e	e	07 55 47.5 -3.6
VRH	Novokhoporsky	84.94	321	e	e	07 55 47.5 -3.6
LABN	Labinsk	84.98	315	e	e	07 55 49.8 -1.8
LABN	Labinsk	84.98	315	e	e	07 56 15.7 -5.3
LABN	Labinsk	84.98	315	e	e	08 06 03.1
LABN	Labinsk	84.98	315	e	e	07 55 49.8 -1.8
LABN	Labinsk	84.98	315	e	e	07 56 15.7 -5.3
LABN	Labinsk	84.98	315	e	e	08 06 03.1
LABN	Labinsk	84.98	315	e	e	07 55 49.8 -1.8
LABN	Labinsk	84.98	315	e	e	07 56 15.7 -5.3
LABN	Labinsk	84.98	315	e	e	08 06 03.1
LABN	Labinsk	84.98	315	e	e	07 55 49.8 -1.8
LABN	Labinsk	84.98	315	e	e	07 56 15.7 -5.3
LABN	Labinsk	84.98	315	e	e	08 06 03.1
LABN	Labinsk	84.98	315	e	e	07 55 49.8 -1.8
LABN	Labinsk	84.98	315	e	e	07 56 15.7 -5.3
LABN	Labinsk	84.98	315	e	e	08 06 03.1
LABN	Labinsk	84.98	315	e	e	07 55 49.8 -1.8
LABN	Labinsk	84.98	315	e	e	07 56 15.7 -5.3
LABN	Labinsk	84.98	315	e	e	08 06 03.1
LABN	Labinsk	84.98	315	e	e	07 55 49.8 -1.8
LABN	Labinsk	84.98	315	e	e	07 56 15.7 -5.3
LABN	Labinsk	84.98	315	e	e	08 06 03.1
LABN	Labinsk	84.98	315	e	e	07 55 49.8 -1.8
LABN	Labinsk	84.98	315	e	e	07 56 15.7 -5.3
LABN	Labinsk	84.98	315	e	e	08 06 03.1
LABN	Labinsk	84.98	315	e	e	07 55 49.8 -1.8
LABN	Labinsk	84.98	315	e	e	07 56 15.7 -5.3
LABN	Labinsk	84.98	315	e	e	08 06 03.1
LABN	Labinsk	84.98	315	e	e	07 55 49.8 -1.8
LABN	Labinsk	84.98	315	e	e	07 56 15.7 -5.3
LABN	Labinsk	84.98	315	e	e	08 06 03.1
LABN	Labinsk	84.98	315	e	e	07 55 49.8 -1.8
LABN	Labinsk	84.98	315	e	e	07 56 15.7 -5.3
LABN	Labinsk	84.98	315	e	e	08 06 03.1
LABN	Labinsk	84.98	315	e	e	07 55 49.8 -1.8
LABN	Labinsk	84.98	315	e	e	07 56 15.7 -5.3
LABN	Labinsk	84.98	315	e	e	08 06 03.1
LABN	Labinsk	84.98	315	e	e	07 55 49.8 -1.8
LABN	Labinsk	84.98	315	e	e	07 56 15.7 -5.3
LABN	Labinsk	84.98	315	e	e	08 06 03.1
LABN	Labinsk	84.98	315	e	e	07 55 49.8 -1.8
LABN	Labinsk	84.98	315	e	e	07 56 15.7 -5.3
LABN	Labinsk	84.98	315	e	e	08 06 03.1
LABN	Labinsk	84.98	315	e	e	07 55 49.8 -1.8
LABN	Labinsk	84.98	315	e	e	07 56 15.7 -5.3
LABN	Labinsk	84.98	315	e	e	08 06 03.1
LABN	Labinsk	84.98	315	e	e	07 55 49.8 -1.8
LABN	Labinsk	84.98	315	e	e	07 56 15.7 -5.3
LABN	Labinsk	84.98	315	e	e	08 06 03.1
LABN	Labinsk	84.98	315	e	e	07 55 49.8 -1.8
LABN	Labinsk	84.98	315	e	e	07 56 15.7 -5.3
LABN	Labinsk	84.98	315	e	e	08 06 03.1
LABN	Labinsk	84.98	315	e	e	07 55 49.8 -1.8
LABN	Labinsk	84.98	315	e	e	07 56 15.7 -5.3
LABN	Labinsk	84.98	315	e	e	08 06 03.1
LABN	Labinsk	84.98	315	e	e	07 55 49.8 -1.8
LABN	Labinsk	84.98	315	e	e	07 56 15.7 -5.3
LABN	Labinsk	84.98	315	e	e	08 06 03.1
LABN	Labinsk	84.98	315	e	e	07 55 49.8 -1.8
LABN	Labinsk	84.98	315	e	e	07 56 15.7 -5.3
LABN	Labinsk	84.98	315	e	e	08 06 03.1
LABN	Labinsk	84.98	315	e	e	07 55 49.8 -1.8
LABN	Labinsk	84.98	315	e	e	07 56 15.7 -5.3
LABN	Labinsk	84.98	3			

Table with columns for station name, frequency, mode, and signal strength. Includes stations like MNK, MNSK, MNR, MNR, MNR, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like R31K, M31M, SKAG, MLR, etc.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like RAUS, KKB, S34M, VAGH, etc.

Table with columns: SIV, comp, PKPab, PKP, Time, Res. Includes stations like SIV, MORRINHOS, ARAGUAIA, SALV, etc.

TRN 23 08:04:48.5, 9.57N-63.06W, h72km, MD3.9, Venezuela. FUNV 23 08:04:49.7, 9.79N-62.97W, h5km, MW3.8, Presumed earthquake

ISC 23 08:04:49.8-5.6, 9.7N-0.1-63.00W, 0.06, h18km, 28km, n9, c0569/17, Venezuela

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DMDM, PSMG, WRN, TRN, etc.

ISK 23 08:09:14.2, 37.26N-28.25E, h0km, ML1.7/7, Suspected Mining explosion, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like YER, MLSEB, TURN, etc.

AFAD 23 08:09:37.6, 39.13N-29.02E, h7km, 3km, ML1.3, Turkey

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like DEMI, EMET, GDZ, USAK, etc.

IDC 23 08:10:38.9, 0.8, 33.17S-178.47W, h0km, mb4.5/6, mbmp4.4/8, ML3.9/2, Error ellipse: s-maj=30.0km s-min=24.0km az=108.0

NEIC 23 08:10:41.4, 2.1, 33.36S-0.03S-178.5W, 0.1, h10km, 1km, mb4.5/14, Error ellipse: s-maj=19.5km s-min=4.5km az=96.0

WEL 23 08:10:42.3, 1.2, 34.5S-107.17W, h12km, M4.4/15, mb5.0/11, ML4.7/19, MLV4.7/15, Mw(mb)4.3/11, Error ellipse: s-maj=22.0km az=150.2, confirmed

NOU 23 08:10:44.2, 33.87S-177.95W, h103km, mb4.6/9, South of Kermadec Islands

ISC 23 08:10:39.7, 0.6, 33.43S-0.06S-178.27W, 0.10, h10km, n82, c1572/97, mb4.6/14, 3C-3D, South of Kermadec Islands

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

Table with columns: RTZ, WCOZ, TOZ, PRUZ, OUZ, BKZ, KHZ, HZ, BFZ, HFZ, RPZ, etc.

WHZ Weather Hill Ro 16.33 216 Pn Pn 08 14 30.2 +1.2 DCZ Deep Cove 16.44 219 Pn Pn 08 14 31.0 +0.6

DZM Mont Dzumac 17.61 306 Pn P 08 14 45.0 -1.4 KOUNC Koumac, New Ca 20.12 305 Iamb Iamb 08 15 15.8 +0.7

EIDS Eidsvold 27.81 279 P Iamb Iamb 08 16 29.9 +0.7 STKA Stephens Creek 33.69 261 P P 08 17 21.1 +0.1

CTAO Charters Tower 18.34 284 P P 08 17 26.4 +1.0 AS31 Alice Springs 42.81 270 Iamb Iamb 08 18 37.6 -0.3

ASAR Alice Springs 42.81 270 P P 08 18 37.3 -0.7 ASAR Alice Springs 42.81 270 P P 08 20 29.3 +0.1

ASAR Alice Springs 42.81 270 P P 08 18 36.5 -1.4 ASAR Alice Springs 42.81 270 P P 08 20 29.3 +0.1

WR8 Warramunga Arr 43.93 276 P P 08 18 46.6 -0.4 WRAB Tennant Creek 44.06 275 P Iamb Iamb 08 18 48.1

WRA Warramunga Arr 44.07 275 P P 08 18 47.3 -0.8 WRA Warramunga Arr 44.07 275 P P 08 18 47.1 -1.1

WRA Warramunga Arr 44.11 276 P P 08 18 48.1 -0.4 FORF Forrest 45.13 258 P Iamb Iamb 08 19 07.2

FITZ Fitzroy Crossi 52.19 272 P P 08 19 50.4 -0.5 CASY Casey 52.38 209 P Iamb Iamb 08 19 52.8 +1.2

GSPA South Pole Qui 56.69 180 P P 08 20 27.2 +0.4 GSPA South Pole Qui 56.69 180 P Iamb Iamb 08 20 28.3

GSPA South Pole Qui 56.69 180 P P 08 20 26.7 +3.5 GSPA South Pole Qui 56.69 180 P Iamb Iamb 08 20 38.3

TROLL Troll, Antarti 74.85 180 P P 08 22 23.3 +3.2 SNA4 Snares 75.14 179 P P 08 22 33.8 -1.5

VNA3 Neumayer Olymp 75.31 176 P P 08 22 37.7 +1.1 VNA3 Neumayer-Watz 75.74 177 P P 08 22 35.3 -0.7

VNA2 Neumayer-Watz 75.74 177 P P 08 22 37.4 +2.3 VNA2 Neumayer-Watz 75.74 177 P P 08 22 37.8 +0.1

VNA1 Neumayer-Stat 75.77 177 P P 08 22 27.9 +1.6 VNA1 Neumayer-Stat 75.77 177 P P 08 22 27.9 +1.6

KSR5 Kersley 86.51 320 P P 08 23 22.9 +0.2 KSR5 Kersley 86.51 320 P P 08 23 22.9 +0.2

PETK Petropavlovsk- 86.68 346 P P 08 23 33.0 +0.3 PETK Petropavlovsk- 86.68 346 P P 08 23 33.0 +0.3

KURK Kurchatov 122.95 312 PKP PKPdf 08 29 35.5 -0.2 KURK Kurchatov Arr 122.98 312 PKP PKPdf 08 29 35.5 -0.5

KRBZ Khabaz 146.52 300 PKP PKPbc 08 30 20.5 -0.5 FINES FINESS Array B 147.88 338 PKPbc PKPbc 08 30 24.8 +0.5

NB2 NORSAR Subarray1 151.69 350 PKP PKIKP 08 30 34.7 +0.6 NOA NORSAR Array B 151.69 350 PKPbc PKIKP 08 30 34.8 +0.6

MFAI Mount Meron Arr 151.90 279 PKPbc PKIKP 08 30 35.5 0.0 MFAI Hagfors 152.15 347 PKPbc PKPbc 08 30 32.5 -2.2

AKASO Malin Array Be 153.50 319 PKPbc PKPbc 08 30 36.5 -1.5 BRTR Keskin Array B 153.71 293 PKPbc PKPbc 08 30 38.8 -0.3

TORD Torodi Arr. Bea 159.81 180 PKPab PKPab 08 31 19.1 +0.8 TORD Torodi Arr. Bea 159.81 180 PKPab PKPab 08 31 19.1 +0.8

ASRS 23 08:10:50.0, 0.4, 54.36N-86.80E, h0km, M2.7(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022

IDC 23 08:10:50.4, 3.5, 54.45N-87.01E, h0km, mbmp2.7/2, ML2.2/2, Error ellipse: s-maj=32.3km s-min=21.0km az=51.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I46RU, ZALV, KURBB, MKAR, etc.

ASRS 23 08:20:06.0, 0.1, 53.66N-87.98E, h0km, M2.8(MOS), The earthquakes of Russia in 2020, Obninsk, GS RAS, 2022

IDC 23 08:20:10.7, 3.5, 53.60N-87.92E, h0km, mbmp2.7/2, ML2.2/2, Error ellipse: s-maj=36.3km s-min=19.7km az=51.0, Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like I46RU, ZALV, KURBB, MKAR, etc.

RHSSO 23 08:20:18.0, 0.2, 43.89N-18.59E, h7km, 2km, ML2.3/7, PDG 23 08:20:18.0, 0.7, 43.89N-18.49E, h2km, 1km, ML2.5/11

BEO 23 08:20:18.5, 0.3, 43.88N-18.59E, h9km, 2km, ML2.2/13, ISC 23 08:20:16.9, 1.1, 43.91N-18.02E-18.59E, 0.02, h5km, 10km, mb5.0, c0874/86, 14C-4D, Northwestern Balkan Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like BBL5, Laziz#2631, etc.

Table with columns: BBL5, BBL5, KLINJ, Unac-Piva, etc. Includes stations like BBL5, KLINJ, Unac-Piva, etc.

NOU 23 08:21:11.5, 4.1, 22'S-174.79E, h30km, MLv4.2/18, Cook Strait, New Zealand

NEIC 23 08:21:11.5, 1.2, 41.10S-104.174E, 0.03, h30km, 6km, mb4.3/12, Error ellipse: s-maj=5.3km s-min=2.7km az=192.0

WEL 23 08:21:11.2, 0.4, 41'S-3'17'5E, h23km, 3km, M3.9/73, ML3.9/18, MLV3.9/73, Error ellipse: s-maj=4.1km s-min=3.0km az=150.2, confirmed

ISC 23 08:21:11.7, 0.7, 41.11S-102.174E, 0.02, h35km, 5km, n195, c1540/214, mb4.3/4, Cook Strait

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

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like PRWZ, CPWZ, BFZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like QSPA, BELA, BELA, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error. Includes stations like HEF, KBZ, FINES, etc.

Table with columns for station name, time, and status. Includes stations like ATHU Athens Unvers, KALE Kalithea, AGEOS AgiosGiorgios, etc.

Table with columns for station name, time, and status. Includes stations like NRCA Norcia, VRAC Vranov, GERES GERES Array B, etc.

Table with columns for station name, time, and status. Includes stations like KOHI KOHI, GUWA GUWAHATI, TEZP TEZPUR, etc.

ICD 23 14:02:38.67 0.43:58N; 110:45W, h0km, mb3.8/2, mbImp3.6/9, ML3.6/1, Error ellipse: s-maj=14.1km s-min=5.4km az=49.0

NEIC 23 14:02:39.01 0.8:43:59N; 010:110:41W; 0.02, h5km, 1km, ML3.6/56, Mw3.7/72, ML3.9/31(BUT), Error ellipse: s-maj=2.9km s-min=2.4km az=247.0

NEIC 23 14:02:39.43 60N; 110:41W, h5km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mr=-1.06; Mw=2.99; Mv=4.89; Mn=2.23; Jm=0.17; Mr=1.06; Fault plane solution: Mw4.93000x10^14 NP1.3o+142.57000o, 85.719000o, A-157.13000o, NP2.3o-33.23000o, 67.126000o, A-36.42200o, P10.0000o. Principal axes: T 5.0872, P10.0000o, Azm94.0000o, N-0.3203, P10.0000o, Azm196.0000o; P -4.7669, P1g39.0000o, Azm356.0000o

Table with columns for Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like LOHW Long Hollow, SNOW Snow King Moun, MOOW Moose Ponds, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like VRZ Vera Road, TOZ Tahuroa Road, KWHZ Kaweka Forest, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like BOOM Boomsokoye usch, KST Kastek, KST Kastek, etc.

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like LTZ Lake Taylor, OXF Oxford, PPTF Palatal, etc.

KRNET 23 14:40:26.5-0.1, 42.59N, 73.60E, h19km, mb2.7

SOME 23 14:40:27.1, 42.60N, 73.60E, h20km

NINC 23 14:40:27.3, 0.6, 42.66N, 73.64E, h0km, mb3.4, mpv3.0

Error ellipse: s-maj=7.2km s-min=2.6km az=2.0

KNET 23 14:40:27.0, 0.5, 42.59N, 73.70E, h17km, 2km, ml1.9, Error ellipse: s-maj=3.8km s-min=2.5km az=64.0

ISC 23 14:40:26.5-0.9, 42.62N, 0.03, 73.55E, 0.02, h13km, 6km, n46, e116/85, 25C-22D, Kyrgyzstan

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like ERKS2 Erkin-Say, ERKS2 Erkin-Say, ERKS2 Erkin-Say, etc.

IDC 23 14:55:54.1, 1.7, 2.58N, 125.98E, h0km, mb3.3/4, mbmp3.5/5, ML3.8/1, MS2.4/1, Error ellipse: s-maj=54.7km s-min=24.5km az=57.0

MAN 23 14:56:00.0, 2.98N, 126.53E, h88km, MS4.1

ISC 23 14:56:00.7, 1.0, 2.77N, 101.126E, 0.2, h63km, n8, e25/85, mb3.3/3, Northern Molucca Sea

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like KCP Kidapawan, KCP KCP, CTBH Catobato-PC H, etc.

NEIC 23 14:58:10.1, 1.2, 17.6S, 0.1, 178.7W, 0.1, h521km, 7km, mb4.3/04, Error ellipse: s-maj=16.0km s-min=14.4km

NOU 23 14:58:11.4, 1.4, 17.4S, 178.80W, h545km, mb4.3/28, Fiji Islands Region

IDC 23 14:58:12.8, 1.0, 1.7, 55S, 178.98W, h543km, 8km, mb3.5/15, mbmp4.3/17, Error ellipse: s-maj=17.7km s-min=13.0km az=130.0

ISC 23 14:58:11.4, 0.4, 17.59S, 0.08, 178.84W, 0.07, h539km, n134, e128/128, mb4.3/51, 4C-4D, Fiji Islands region

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

ISC 23 14:55:54.1, 1.7, 2.58N, 125.98E, h0km, mb3.3/4, mbmp3.5/5, ML3.8/1, MS2.4/1, Error ellipse: s-maj=54.7km s-min=24.5km az=57.0

MAN 23 14:56:00.0, 2.98N, 126.53E, h88km, MS4.1

ISC 23 14:56:00.7, 1.0, 2.77N, 101.126E, 0.2, h63km, n8, e25/85, mb3.3/3, Northern Molucca Sea

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res. Includes stations like KIWB Kanaga Island, KIWB Kanaga Island, ATKA Atka Island, etc.

QUEP	Quepos	13.20 117	P	Pn	15 32 147 +4.3	PCJ	Portland Cotta	18.17 81	P	P	15 33 16.7 +1.2	ANMO	Albuquerque	21.22 336	IAMS_20	IAMS_20	15 42 49.8
QUEP	Quepos	13.20 117	eP	Pn	15 32 18.9 -1.5	PILO	Pilon	18.18 74	P	Pn	15 33 13.8 -1.6	ANMO	Albuquerque	21.22 336	P	P	15 33 49.4 +0.6
RAZU	San Marcos de	13.21 116	eP	Pn	15 32 14.9 +4.2	PILO	Pilon	18.18 74	P	Pn	15 33 15.9 +0.5	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
VICA	Volcans Irazu	13.22 115	eP	Pn	15 32 14.0 +3.1	PILLO	Pilon	18.18 74	P	Pn	15 33 13.8 -1.6	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
RAFA	San Farael, Vo	13.22 115	eP	Pn	15 32 14.6 +3.0	DWPF	Disney Wildern	18.22 45	P	Pn	15 33 11.8 -3.9	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
REPA	Paraiso	13.22 114	eP	Pn	15 32 15.3 +4.0	DWPF	Disney Wildern	18.22 45	P	Pn	15 33 11.8 -3.9	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
CVTO	Turrialba Volc	13.28 114	eP	Pn	15 32 15.9 +4.3	DKNS	Dickens	18.31 347	P	Pn	15 33 13.3 -2.4	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
CVTR	Volcan Turrial	13.28 114	eP	Pn	15 32 13.0 +1.3	656A	Willstont	18.33 40	P	Pn	15 33 15.5 -1.3	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
VTR0	Volcan Turrial	13.28 114	eP	Pn	15 32 15.9 +4.2	060A	Indiantown	18.34 50	P	Pn	15 33 13.1 -4.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
PCAYA	Pacayas	13.28 115	eP	Pn	15 32 14.5 +3.0	060A	Indiantown	18.34 50	P	Pn	15 33 14.2 -3.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
ABRB	Las Abros (San	13.32 114	eP	Pn	15 32 15.0 +2.8	060A	Indiantown	18.34 50	P	Pn	15 33 15.5 -1.3	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
WVCV	WVCV, Calle Va	13.32 114	eP	Pn	15 32 14.4 +3.0	060A	Indiantown	18.34 50	P	Pn	15 33 15.5 -1.3	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
EGUB	Earth Guipi	13.34 113	eP	Pn	15 32 12.8 +0.6	BNJ	Bonny Gate	18.41 80	P	Pn	15 33 19.1 +1.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
EGUB	Earth Guipi	13.34 113	eP	Pn	15 32 14.7 +2.6	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
VINA	Juan Vinas	13.35 115	eP	Pn	15 32 15.2 +2.8	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
VERB	Verbena	13.37 114	eP	Pn	15 32 14.9 +2.2	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
RESJ	San Isidro (Tu	13.37 114	eP	Pn	15 32 15.3 +3.8	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
RVLA	Villa Bonita	13.39 114	eP	Pn	15 32 15.9 +3.0	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
TURIB	Turrialba	13.39 115	eP	Pn	15 32 15.4 +2.5	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
LCOCO	El Cocco	13.43 114	eP	Pn	15 32 15.3 +2.0	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
IRESS	Siquieres	13.47 113	eP	Pn	15 32 16.9 +3.0	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
TAAN	Batan	13.61 113	eP	Pn	15 32 19.3 +3.5	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
ZEDO	Perez Zeledon	13.65 119	eP	Pn	15 32 21.0 +4.4	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
OCHAL	Ojochal	13.81 117	eP	Pn	15 32 22.5 +3.8	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
EDPE	Pejibaye, P	13.85 117	eP	Pn	15 32 21.7 +2.5	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
HNDO	Hondo	13.96 148	eP	Pn	15 32 20.0 -0.7	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
BURE	Buenos Aires	14.04 117	eP	Pn	15 32 26.6 -3.1	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
HKT	Hockley	14.06 11	eP	Pn	15 32 20.1 -1.9	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
HKT	Hockley	14.06 10	eP	Pn	15 32 19.9 -2.0	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
HKT	Hockley	14.06 11	eP	Pn	15 32 19.4 -2.5	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
HKT	Hockley	14.06 11	eP	Pn	15 32 22.0 +0.1	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
HKT	Hockley	14.06 11	eP	Pn	15 32 16.6 -5.6	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
DRKO	Durika	14.08 116	eP	Pn	15 32 14.0 -8.4	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
SOR	Soroa	14.11 59	eP	Pn	15 32 17.3 -5.3	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
SOR	Soroa	14.11 59	eP	Pn	15 32 17.3 -5.3	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
SOR	Soroa	14.11 59	eP	Pn	15 32 21.4 -1.2	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
SOR	Soroa	14.11 59	eP	Pn	15 32 21.4 -1.2	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
SOR	Soroa	14.11 59	eP	Pn	15 32 29.4	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
SOR	Soroa	14.11 59	eP	Pn	15 32 49.3	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
SOR	Soroa	14.11 59	eP	Pn	15 34 53.7 -5.5	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
SOR	Soroa	14.11 59	eP	Pn	15 32 35.2 +2.3	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
FIMO	Fila Mora	14.12 117	eP	Pn	15 32 26.3 +1.7	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
HPIG	HPIG	14.23 323	eP	Pn	15 32 28.1 -3.8	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
HPIG	HPIG	14.23 323	eP	Pn	15 32 27.3 +2.6	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
EDP2	Potrero Grande	14.26 117	eP	Pn	15 32 27.3 +2.6	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
JIME	Puerto Jimenez	14.37 119	eP	Pn	15 32 27.5 +1.3	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
PRVO	Isla de Provid	14.40 98	eP	Pn	15 32 25.0 -1.7	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
PIRO	Carate, Puerto	14.43 119	eP	Pn	15 32 18.4 +1.2	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
PIRO	Carate, Puerto	14.43 119	eP	Pn	15 32 31.9 -2.1	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
PIRO	Carate, Puerto	14.43 119	eP	Pn	15 32 28.7 +1.6	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
RGMO	Gandoca	14.48 114	eP	Pn	15 32 28.9 +1.9	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
RGMO	Gandoca	14.48 114	eP	Pn	15 32 31.0 +3.2	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
HGSS	SOCORRO T	14.55 284	eP	Pn	15 32 16.9 +3.0	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
FSCY	Frank Sound, G	14.58 74	eP	Pn	15 32 27.2 -1.9	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
FSCY	Frank Sound, G	14.58 74	eP	Pn	15 32 27.2 -1.9	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
FSCY	Frank Sound, G	14.58 74	eP	Pn	15 32 08.1 -2.6	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
ALCO	Alturas Coton,	14.58 116	eP	Pn	15 32 30.1 +0.8	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
H08N1	SOCORRO T-PHAS	14.60 284	eP	Pn	15 32 34.1 -1.6	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
NELY	Ciudad Neily	14.63 114	eP	Pn	15 32 34.9 +1.3	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
CDITO	Canos	14.74 118	eP	Pn	15 32 33.8 +2.5	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
BRUZ	Volcan	14.78 117	eP	Pn	15 32 34.0 +2.0	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
BRUZ	Volcan	14.78 117	eP	Pn	15 32 34.0 +2.0	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
CLLRA	Cordillera,	14.87 117	eP	Pn	15 32 34.0 +2.0	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
HNVL	Huntsville, TX	14.87 117	eP	Pn	15 32 34.0 +2.0	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
PTFA	Petro Terminal	14.87 117	eP	Pn	15 32 30.6 -2.5	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
JEFFS	S de V. Bar	14.93 119	eP	Pn	15 32 31.9 -2.1	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
LMNES	Limonas	14.99 119	eP	Pn	15 32 37.2 +2.5	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
JCT	Junction City	14.99 347	eP	Pn	15 32 40.8 +0.6	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
BO7LY	Boquete Panama	15.00 116	eP	Pn	15 32 33.6 -1.1	CCAR	Cane Creek	18.42 11	P	Pn	15 33 16.1 -2.0	ANMO	Albuquerque	21.22 336	P	P	15 37 46.2
545A	Edgardo	15.04 19	eP	Pn	15 32 37.4 +2.4	CCAR	Cane Creek	18.42 11	P	P							

23d 15h

Table with columns for station ID, name, frequency, and signal strength. Includes stations like W57A, PRAC, GLA, U54A, Y60A, GRTK, etc.

2020 JUN

Table with columns for station ID, name, frequency, and signal strength. Includes stations like OSI, OS1, N51A, FURC, etc.

1438

Table with columns for station ID, name, frequency, and signal strength. Includes stations like HULI, H9A, M57A, SNOW, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like ANWB Willy Bob, BBSR BB Station, BBSR BB Station, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like LBNH Lisbon, LBNH Lisbon, LBNH Pilot Rock, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like RPN Rapa Nui, RPN Rapa Nui, RPN Rapa Nui, etc.

23d 15h

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Parauapebas, Santo Antonio, Las Campanas, etc.

2020 JUN

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Aishikik Lake, Curacao, Peldehue, etc.

1440

Table with columns for station name, frequency, mode, and signal strength. Includes stations like Villa Florida, Edge Creek, etc.

G30M	Iaoh Zraii Nji	57.43 342	P	P	15 38 50.9	-0.3
G30M	baz=132,SNR=92		S	S	15 46 51.0	+3.1
ITU3	Corumbazu	57.46 124	P	P	15 38 51.5	-0.7
ITU3	baz=132		S	S	15 46 48.3	+1.3
MENT	Mentasta	57.50 336	P	P	15 38 52.2	+0.4
MENT	Mentasta	57.50 336	Iamb	Iamb	15 38 58.5	
FID	Port Fidalgo	57.52 333	IAMS_20	IAMS_20	16 01 47.3	
P23K	Montague Island	57.57 332	IAMS_20	IAMS_20	16 04 37.8	
P23K	Montague Island	57.57 332	P	P	15 38 53.3	+1.0
P23K	baz=117,SNR=60		S	S	15 46 55.0	+5.2
H29M	Whitestone	57.57 341	Iamb	Iamb	15 40 03.3	
H29M	comp=Z,2um,1.9s		IAMS_20	IAMS_20	16 05 45.1	
H29M	Whitestone	57.57 341	P	P	15 38 52.6	+0.4
H29M	baz=130,SNR=128		S	S	15 46 52.0	+2.3
I28M	Miner Creek	57.59 340	Iamb	Iamb	15 39 44.3	
I28M	comp=Z,637nm,1.8s		IAMS_20	IAMS_20	16 06 09.7	
I28M	Miner Creek	57.59 340	P	P	15 38 52.4	-0.1
I28M	baz=128,SNR=49		S	S	15 46 50.7	+0.6
NBPS	Pedro II - PI	57.62 106	P	P	15 38 53.2	-0.2
NBPS	comp=Z,853um,19.4s		S	S	15 46 49.2	-2.7
NBPS	Pedro II - PI	57.62 106	eP	eP	15 38 52.5	+0.9
INK	Inuvik	57.62 344	LR	LR	16 07 49.1	
INK	comp=Z,835um,19.4s		Iamb	Iamb	15 39 07.7	
INK	Inuvik	57.62 344	IP	P	15 38 52.3	-0.2
INK	baz=136,SNR=145		S	S	15 46 50.8	+0.7
KLU	Klutina	57.64 334	Iamb	Iamb	15 39 07.7	
KLU	comp=Z,1um,1.5s		P	P	15 38 54.0	+1.1
KLU	Klutina	57.64 334	P	P	15 46 58.3	+7.5
F30M	Barrier River	57.74 343	P	S	15 38 53.7	+0.4
F30M	baz=133,SNR=192		S	S	15 46 51.7	-0.1
HARP	HAARP	57.78 335	IAMS_20	IAMS_20	16 04 58.1	
HARP	comp=Z,643um,20.0s		P	P	15 38 54.7	+1.0
HARP	HAARP	57.78 335	S	S	15 46 58.5	+6.0
NRS	Narsarsuaq	57.78 26	Iamb	Iamb	15 38 59.0	
NRS	comp=Z,504nm,0.8s		IAMS_20	IAMS_20	16 07 33.5	
NRS	Narsarsuaq	57.78 26	IP	P	15 38 52.5	-1.2
NRS	baz=118,SNR=10		Iamb	Iamb	15 38 53.4	+0.3
NRS	Narsarsuaq	57.78 26	Iamb	Iamb	15 38 59.3	
POIN	Pond Inlet	57.84 6	Iamb	Iamb	15 39 14.6	
POIN	comp=Z,587nm,0.9s		P	P	15 38 54.6	-0.3
SDBA	SAO DESIDERIO	57.84 116	P	S	15 46 52.3	-2.3
SDBA	comp=Z,1um,1.7s		S	S	15 38 52.9	-2.0
SDBA	SAO DESIDERIO	57.84 116	eP	eP	15 39 45.7	
GLI	Glacier Island	57.84 333	Iamb	Iamb	15 39 45.7	
GLI	comp=Z,1um,1.7s		IAMS_20	IAMS_20	16 03 53.9	
GLI	Glacier Island	57.84 333	P	P	15 38 54.7	+0.5
GLI	baz=118,SNR=10		S	S	15 46 58.3	+4.9
IPMB	Ipameri, GO	57.86 124	P	P	15 38 54.2	-0.8
IPMB	comp=Z,590um,20.0s		S	S	15 46 51.0	-3.3
IPMB	Ipameri, GO	57.86 124	eP	eP	15 38 53.7	-1.3
G29M	Pine Creek	57.91 342	Iamb	Iamb	15 39 47.0	
G29M	comp=Z,861nm,1.4s		P	P	15 38 54.6	0.0
G29M	Pine Creek	57.91 342	P	P	15 46 58.0	+3.8
G29M	baz=130,SNR=120		S	S	15 47 02.6	+6.5
M24K	Tolsona, Glenn	58.05 335	IAMS_20	IAMS_20	16 05 56.1	
M24K	comp=Z,520um,20.0s		P	P	15 38 56.9	+1.3
M24K	Tolsona, Glenn	58.05 335	P	P	15 47 02.6	+6.5
M24K	baz=119,SNR=44		S	S	15 39 03.3	
SCRK	Sand Creek	58.16 337	Iamb	Iamb	15 39 03.3	
SCRK	comp=Z,1um,1.8s		P	P	15 38 57.3	+0.8
SCRK	Sand Creek	58.16 337	P	P	15 47 02.4	+3.8
SCRK	baz=123,SNR=387		S	S	15 38 57.3	+0.9
PAX	Paxson	58.20 336	Iamb	Iamb	15 39 46.0	
PAX	comp=Z,438nm,1.2s		P	P	15 38 57.2	+0.4
PAX	Paxson	58.20 336	P	S	15 47 01.4	+3.3
PAX	baz=120,SNR=268		S	S	16 06 23.0	
I27K	Kandik River	58.24 340	IAMS_20	IAMS_20	16 06 23.0	
I27K	comp=Z,590um,20.0s		P	P	15 38 57.2	+0.2
I27K	Kandik River	58.24 340	P	P	15 47 02.4	+3.8
I27K	baz=126,SNR=110		S	S	15 38 57.7	+0.9
RIDG	Independent Ri	58.35 337	P	P	15 38 54.7	+0.9
RIDG	baz=126		S	S	15 47 05.4	+5.3
SCM	Sheep Creek Mo	58.39 334	IAMS_20	IAMS_20	16 04 52.3	
SCM	comp=Z,652um,21.0s		P	P	15 38 58.7	+0.6
SCM	Sheep Creek Mo	58.39 334	P	P	15 47 05.0	+4.3
SCM	baz=118,SNR=35		S	S	15 38 58.8	-0.5
SBBR	Sobral	58.47 105	P	P	15 38 59.8	+0.1
NBMO	Morrinhos-CE	58.53 104	P	P	15 37 03.5	-0.3
NBMO	comp=Z,925nm,1.8s		eP	eP	15 38 57.8	-1.9
NBMO	Morrinhos-CE	58.53 104	eP	eP	15 38 54.4	+0.3
M23K	Glacier View	58.54 334	P	P	15 47 07.5	+5.0
M23K	baz=118,SNR=42		S	S	15 39 56.1	
SEW	Seward	58.54 332	Iamb	Iamb	16 03 52.5	
SEW	comp=Z,795nm,1.4s		IAMS_20	IAMS_20	16 03 52.5	
SEW	Seward	58.54 332	P	P	15 38 59.6	+0.6
SEW	baz=115,SNR=48		S	S	15 47 07.5	+5.1
H27K	Steamboat Moun	58.59 340	IAMS_20	IAMS_20	16 06 50.0	
H27K	comp=Z,643um,19.0s		P	P	15 38 59.6	+0.2
H27K	Steamboat Moun	58.59 340	P	P	15 47 07.0	+4.0
H27K	baz=126,SNR=356		S	S	15 38 59.2	-0.2
I26K	Coal Creek Min	58.60 339	P	P	15 47 05.9	+2.8
I26K	baz=124		S	S	15 39 49.7	
KNK	Knik Glacier	58.68 333	Iamb	Iamb	16 04 19.9	
KNK	comp=Z,350nm,1.1s		P	P	15 39 00.5	+0.5
KNK	Knik Glacier	58.68 333	P	P	15 47 07.0	+2.7
KNK	baz=117,SNR=44		S	S	15 39 07.1	+6.4
KIP	Kipapa	58.69 286	P	P	15 39 07.8	+2.1
KIP	comp=Z,499um,19.0s		pmax	pmax	15 39 02.1	+2.1
A36M	Sachs Harbour	58.74 350	Iamb	Iamb	15 39 45.7	
A36M	comp=Z,733um,20.0s		IAMS_20	IAMS_20	16 05 19.4	

A36M	Sachs Harbour	58.74 350	P	P	15 38 59.8	-0.4
A36M	baz=147,SNR=76		S	S	15 47 07.9	+3.2
K24K	Donnelly Dome	58.74 337	Iamb	Iamb	15 39 11.4	
K24K	comp=Z,443nm,0.9s		P	P	15 39 01.1	+0.6
K24K	Donnelly Dome	58.74 337	P	P	15 47 08.8	+3.7
K24K	baz=121,SNR=65		S	S	15 40 23.9	
SML	Sawmill	58.80 334	Iamb	Iamb	16 05 43.2	
SML	comp=Z,610nm,1.3s		IAMS_20	IAMS_20	16 05 01.3	+0.4
SML	Sawmill	58.80 334	P	P	15 39 01.3	+0.4
SML	baz=117,SNR=119		S	S	15 47 10.7	+4.8
O22K	Cooper Landing	58.82 332	IAMS_20	IAMS_20	16 04 02.9	
O22K	comp=Z,429um,20.0s		P	P	15 39 01.6	+0.6
O22K	Cooper Landing	58.82 332	P	P	15 47 10.2	+4.1
O22K	baz=115,SNR=9.1		S	S	15 39 01.6	+0.5
PTGB	Pitanga	58.84 132	P	P	15 39 00.1	-1.7
PTGB	comp=Z,853um,19.0s		eP	eP	15 38 59.9	-1.9
E29M	Blow River	58.85 343	Iamb	Iamb	15 39 54.6	
E29M	comp=Z,1um,1.5s		P	P	15 39 01.6	+0.5
E29M	Blow River	58.85 343	P	P	15 47 08.8	+2.5
E29M	baz=131,SNR=145		S	S	16 06 12.5	
RES	Resolute Bay	58.87 0	LR	LR	16 06 12.5	
RES	comp=Z,853um,19.0s		P	P	15 38 59.9	-1.2
RES	Resolute Bay	58.87 0	IP	P	15 39 02.3	+0.4
RES	WAT6	58.91 335	P	P	15 47 10.8	+3.1
RES	baz=118,SNR=194		S	S	15 39 02.1	+0.5
F28M	Old Crow	58.92 342	P	P	15 47 10.0	+2.7
F28M	comp=Z,129,SNR=140		S	S	15 39 16.7	
G27K	Doyon Strip	58.97 341	Iamb	Iamb	15 39 02.1	+0.1
G27K	comp=Z,1um,2.0s		P	P	15 47 11.8	+3.8
G27K	Doyon Strip	58.97 341	P	P	15 39 02.1	+0.1
G27K	baz=126,SNR=258		S	S	15 39 02.1	+0.1
BRSE	Bradley Lake S	58.98 331	P	P	15 39 02.8	+0.6
BRSE	comp=Z,1um,1.4s		S	S	15 47 12.0	+3.7
DHY	Denali Highway	59.00 335	Iamb	Iamb	15 39 37.3	
DHY	comp=Z,764nm,1.8s		IAMS_20	IAMS_20	16 05 35.4	
DHY	Denali Highway	59.00 335	P	P	15 39 02.7	+0.2
DHY	baz=119,SNR=63		S	S	15 47 12.1	+3.4
J25K	Salcha River	59.01 338	P	P	15 39 02.9	+0.5
J25K	baz=122,SNR=187		S	S	15 47 15.0	+6.4
SFJD	Kangerlussuaq	59.02 19	LR	LR	16 08 09.8	
SFJD	comp=Z,474um,19.0s		Iamb	Iamb	15 39 01.4	-0.9
SFJD	Kangerlussuaq	59.02 19	P	P	15 39 07.5	
SFJD	comp=Z,1um,1.6s		IAMS_20	IAMS_20	16 07 49.0	
SFJD	Kangerlussuaq	59.02 19	P	P	15 39 01.4	-0.9
SFJD	comp=Z,1um,1.6s		pmax	pmax	15 39 07.3	
SFJD	Kangerlussuaq	59.02 19	MLR	MLR	15 39 01.3	-0.9
SFJD	comp=Z,529um,20.0s		P	P	15 39 02.7	+0.4
SFJD	Kangerlussuaq	59.02 19	IP	P	15 39 01.6	-0.6
SFJD	Kangerlussuaq	59.02 19	P	P	15 47 05.0	-2.5
SFJD	Kangerlussuaq	59.02 19	S	S	15 39 01.1	-1.2
SFJD	Kangerlussuaq	59.02 19	S	S	15 47 02.3	-6.1
GHO	Glory Hole Cre	59.04 334	Iamb	Iamb	15 40 02.0	
GHO	comp=Z,490nm,1.1s		IAMS_20	IAMS_20	16 05 27.4	
PMR	Palmer	59.04 334	P	P	15 39 02.5	0.0
PMR	comp=Z,447um,19.0s		S	S	15 39 03.1	+0.6
PMR	Palmer	59.04 334	P	P	15 47 13.1	+4.2
PMR	baz=116,SNR=42		S	S	16 04 09.3	
SLKM	Skilak Lake	59.06 332	IAMS_20	IAMS_20	16 09 36.0	
SLKM	comp=Z,453um,20.0s		Iamb	Iamb	15 39 03.6	
BRLK	Bradley Lake	59.06 331	Iamb	Iamb	16 04 07.9	
BRLK	comp=Z,369nm,0.9s		IAMS_20	IAMS_20	15 39 03.4	+0.6
RC01	Rabbit Creek A	59.09 333	IAMS_20			

NEA2	Nenana	60.39 337	Iamb	Iamb	15 40 01.3
NEA2	Nenana	60.39 337	P	S	15 39 11.9 +0.2
NEA2	Nenana	60.39 337	S	P	15 47 29.5 +3.3
G25K	Bearman Lake	60.41 340	P	P	15 39 12.2 +0.4
G25K	Bearman Lake	60.41 340	S	S	15 47 31.7 +5.4
SAQQ	Saqqaq	60.51 16	i/P	Iamb	15 39 13.4 +1.0
SAQQ	Saqqaq	60.51 16	P	P	15 39 17.1
CANS	Sao Roque de M	60.54 125	P	P	15 39 13.5 -0.1
H24K	Noodor Dome	60.55 338	P	P	15 39 13.1 +0.2
H24K	Noodor Dome	60.55 338	S	S	15 47 33.4 +5.1
JQT1	Jequitai-MG	60.62 121	P	P	15 39 13.5 -0.6
JQT1	Jequitai-MG	60.62 121	S	S	15 47 28.7 -1.8
Q18K	Katmai Hardscr	60.63 329	P	S	15 39 13.9 +0.2
Q18K	Katmai Hardscr	60.63 329	S	S	15 47 34.2 +4.4
KTH	Kantishna Hill	60.65 335	Iamb	Iamb	15 40 02.6
KTH	Kantishna Hill	60.65 335	IAMS_20	IAMS_20	16 02 56.9
LL05	Los Muermos	60.65 161	P	P	15 39 15.7 +1.9
LL05	Los Muermos	60.65 161	Iamb	Iamb	15 39 28.2
LL05	Los Muermos	60.65 161	IAMS_20	IAMS_20	15 58 41.2
F25K	Christian Rive	60.70 340	Iamb	Iamb	15 39 29.3
F25K	Christian Rive	60.70 340	P	P	15 39 14.7 +0.8
F25K	Christian Rive	60.70 340	S	S	15 47 35.1 +4.9
MC01	Montes Claros	60.70 120	P	P	15 39 14.6 -0.1
MC01	Montes Claros	60.70 120	S	S	15 47 40.3
H07S1	FLORES T-PHASE	60.75 54	P	P	15 39 14.6 -0.1
I23K	Minto, Yukon-K	60.76 337	IAMS_20	IAMS_20	16 07 20.6
I23K	Minto, Yukon-K	60.76 337	P	P	15 39 14.8 +0.5
I23K	Minto, Yukon-K	60.76 337	S	S	15 47 34.1 +3.3
LL03	Petrohu	60.76 160	IAMS_20	IAMS_20	15 58 59.0
O19K	Port Alsworth	60.82 331	Iamb	Iamb	15 39 41.3
O19K	Port Alsworth	60.82 331	IAMS_20	IAMS_20	16 04 46.9
O19K	Port Alsworth	60.82 331	P	P	15 39 14.9 +0.1
O19K	Port Alsworth	60.82 331	S	S	15 47 35.4 +3.6
RCLB	Rio Claro- Sao	60.83 127	P	P	15 39 14.8 -0.6
RCLB	Rio Claro- Sao	60.83 127	S	S	15 47 32.1 -1.0
RCLB	Rio Claro- Sao	60.83 127	eP	P	15 39 15.1 -0.4
G24K	Hadweznizc Riv	60.84 339	Iamb	Iamb	15 39 30.0
G24K	Hadweznizc Riv	60.84 339	P	P	15 39 15.3 +0.5
G24K	Hadweznizc Riv	60.84 339	S	S	15 47 36.8 +4.9
PPLA	Purkeypile	60.90 334	IAMS_20	IAMS_20	16 07 46.5
PPLA	Purkeypile	60.90 334	P	P	15 39 15.4 0.0
PPLA	Purkeypile	60.90 334	S	S	15 47 36.6 +3.5
M20K	Styx River	60.90 333	IAMS_20	IAMS_20	16 05 23.8
M20K	Styx River	60.90 333	P	P	15 39 15.7 +0.3
M20K	Styx River	60.90 333	S	S	15 47 37.4 +4.3
Q17K	Contact Creek	60.95 328	P	P	15 39 15.7 -0.1
Q17K	Contact Creek	60.95 328	S	S	15 47 35.6 +1.7
E25K	Arctic Village	60.96 341	Iamb	Iamb	15 39 35.7
E25K	Arctic Village	60.96 341	IAMS_20	IAMS_20	16 07 50.8
E25K	Arctic Village	60.96 341	P	P	15 39 16.3 +0.7
E25K	Arctic Village	60.96 341	S	S	15 47 37.7 +4.1
P18K	Big Mountain	60.98 330	P	P	15 39 15.9 -0.1
P18K	Big Mountain	60.98 330	S	S	15 47 38.0 +3.9
R17L	Mt. Peulik Vol	61.00 328	P	P	15 39 16.3 +0.2
R17L	Mt. Peulik Vol	61.00 328	S	S	15 47 36.6 +2.3
PLCA	Paso Flores	61.04 158	P	P	15 39 16.7 +0.2
PLCA	Paso Flores	61.04 158	LR	LR	16 07 33.6 -1.6
PLCA	Paso Flores	61.04 158	Iamb	Iamb	16 00 50.9
PLCA	Paso Flores	61.04 158	P	P	16 08 33.5 +4.2
PLCA	Paso Flores	61.04 158	P	P	16 08 47.9 +1.0
PLCA	Paso Flores	61.04 158	P	P	15 39 16.7 +0.2
PLCA	Paso Flores	61.04 158	Iamb	Iamb	15 39 30.7
PLCA	Paso Flores	61.04 158	P	P	15 39 17.4 +0.8
PLCA	Paso Flores	61.04 158	P	P	15 39 17.4 +0.8
PLCA	Paso Flores	61.04 158	P	P	15 47 36.0 +0.8
PLCA	Paso Flores	61.04 158	eP	P	15 39 17.4 +0.8
CAST	Castle Rocks	61.06 335	Iamb	Iamb	15 39 24.2
CAST	Castle Rocks	61.06 335	IAMS_20	IAMS_20	16 07 49.9
CAST	Castle Rocks	61.06 335	P	P	15 39 16.3 -0.1
CAST	Castle Rocks	61.06 335	S	S	15 47 37.0 +2.0
SAATT	Saattut	61.11 15	i/P	Iamb	15 39 17.1 +0.6
SAATT	Saattut	61.11 15	P	P	15 39 22.2
N19K	Bonanza Creek	61.12 332	Iamb	Iamb	15 40 14.8
N19K	Bonanza Creek	61.12 332	IAMS_20	IAMS_20	16 05 10.6
N19K	Bonanza Creek	61.12 332	P	P	15 39 17.0 +0.1
N19K	Bonanza Creek	61.12 332	S	S	15 47 38.8 +3.0
O18K	Koktuh Hills	61.13 330	Iamb	Iamb	15 39 22.9
O18K	Koktuh Hills	61.13 330	P	P	15 39 17.1 +0.2
O18K	Koktuh Hills	61.13 330	S	S	15 47 39.7 +3.8
H23K	Yukon River	61.14 338	P	P	15 47 38.2 +2.3
H23K	Yukon River	61.14 338	S	S	15 47 38.2 +2.3
NBMA	Muriti-CE	61.20 108	P	P	15 39 18.3 +0.2
NBMA	Muriti-CE	61.20 108	S	S	15 47 38.2 0.0
NBMA	Muriti-CE	61.20 108	eP	P	15 39 18.0 -0.2
NUUG	Nuugaatsiaq	61.20 14	i/P	Iamb	15 39 17.2 +0.1
NUUG	Nuugaatsiaq	61.20 14	P	P	15 39 18.2 +1.0
NUUG	Nuugaatsiaq	61.20 14	Iamb	Iamb	15 39 22.3
MLY	Manley	61.22 337	Iamb	Iamb	15 40 07.2
MLY	Manley	61.22 337	IAMS_20	IAMS_20	16 07 29.0
MLY	Manley	61.22 337	P	P	15 39 17.7 +0.2
MLY	Manley	61.22 337	S	S	15 47 38.8 +1.8
C27K	Jago River	61.26 343	IAMS_20	IAMS_20	16 10 44.6
C27K	Jago River	61.26 343	P	P	15 39 17.9 +0.2

C27K	Ponto Novo - B	61.29 112	P	P	15 47 41.8 +4.5
CHUM	Lake Minchumini	61.35 335	P	P	15 39 18.4 -0.3
CHUM	Lake Minchumini	61.35 335	S	S	15 39 18.3 0.0
F24K	Squaw Lake	61.39 340	Iamb	Iamb	15 47 41.1 +2.6
F24K	Squaw Lake	61.39 340	P	P	15 39 39.0
F24K	Squaw Lake	61.39 340	P	P	15 39 19.4 +0.8
F24K	Squaw Lake	61.39 340	S	S	15 47 43.5 +4.4
UPNV	Upervanik	61.40 13	i/P	Iamb	15 39 18.8 +0.3
UPNV	Upervanik	61.40 13	P	P	15 39 24.1
TJ01	Guarua-PR	61.41 131	P	P	15 39 21.1 +1.7
TJ01	Guarua-PR	61.41 131	S	S	15 47 43.2 +2.7
Q16K	King Salmon	61.46 329	P	P	15 39 19.5 +0.4
Q16K	King Salmon	61.46 329	S	S	15 47 43.4 +3.4
P17K	Kvichak River	61.51 329	IAMS_20	IAMS_20	16 05 44.3
P17K	Kvichak River	61.51 329	P	P	15 39 19.6 +0.1
P17K	Kvichak River	61.51 329	S	S	15 47 45.1 +4.5
SPB	Sao Paulo	61.56 129	P	P	15 39 19.0 -1.3
SPB	Sao Paulo	61.56 129	Iamb	Iamb	15 39 33.4
SPB	Sao Paulo	61.56 129	i/P	P	15 39 19.6 -0.7
SPB	Sao Paulo	61.56 129	eP	P	15 39 19.3 -1.0
VABB	Valinhos	61.58 128	P	P	15 39 20.1 -0.5
VABB	Valinhos	61.58 128	S	S	15 47 41.0 -1.8
VAO	Valinhos	61.59 128	eP	P	15 39 19.2 -1.4
VAO	Valinhos	61.59 128	P	P	15 39 19.9 -0.7
CPBS	Cacapava Do Su	61.59 138	P	P	15 39 19.3 -1.1
CPBS	Cacapava Do Su	61.59 138	Iamb	Iamb	15 39 41.1
CPBS	Cacapava Do Su	61.59 138	P	P	15 39 19.4 -1.0
CPBS	Cacapava Do Su	61.59 138	S	S	15 47 39.8 -2.6
DIAM	Diamantina, MG	61.71 121	P	P	15 39 19.4 -1.0
DIAM	Diamantina, MG	61.71 121	S	S	15 39 21.5 -0.1
DIAM	Diamantina, MG	61.71 121	eP	P	15 47 44.4 -0.3
N18K	Kilae Creek	61.72 331	P	P	15 39 21.4 -0.3
N18K	Kilae Creek	61.72 331	S	S	15 47 46.5 +3.1
CHGN	Chignik	61.73 326	Iamb	Iamb	15 40 29.8
CHGN	Chignik	61.73 326	P	P	15 39 20.7 -0.2
CHGN	Chignik	61.73 326	S	S	15 47 45.9 +2.5
G23K	Bananza Creek	61.73 339	Iamb	Iamb	15 39 49.0
G23K	Bananza Creek	61.73 339	P	P	15 39 21.2 +0.3
G23K	Bananza Creek	61.73 339	S	S	15 47 47.9 +4.5
I21K	Tanana	61.76 337	Iamb	Iamb	15 39 35.9
I21K	Tanana	61.76 337	P	P	15 39 21.1 +0.1
I21K	Tanana	61.76 337	S	S	15 47 46.0 +2.3
L19K	White Mountain	61.77 333	Iamb	Iamb	15 39 27.1
L19K	White Mountain	61.77 333	IAMS_20	IAMS_20	16 07 39.6
L19K	White Mountain	61.77 333	P	P	15 39 21.1 -0.1
L19K	White Mountain	61.77 333	S	S	15 47 46.8 +2.9
C26K	Camden Bay	61.77 343	P	P	15 39 21.8 +0.8
C26K	Camden Bay	61.77 343	S	S	15 47 46.7 +3.0
H22K	Ishlaltina Cre	61.84 337	Iamb	Iamb	15 40 07.2
H22K	Ishlaltina Cre	61.84 337	IAMS_20	IAMS_20	16 07 43.3
H22K	Ishlaltina Cre	61.84 337	P	P	15 39 21.4 -0.2
H22K	Ishlaltina Cre	61.84 337	S	S	15 47 48.7 +3.9
K20K	Telida	61.86 334	IAMS_20	IAMS_20	16 08 27.1
K20K	Telida	61.86 334	P	P	15 39 21.8 0.0
K20K	Telida	61.86 334	S	S	15 47 47.4 +2.3
D25K	Kavik River	61.87 342	Iamb	Iamb	15 39 36.9
D25K	Kavik River	61.87 342	P	P	15 39 22.3 +0.5
D25K	Kavik River	61.87 342	S	S	15 47 48.0 +3.0
LL01	San Ignacio de	61.87 160	P	P	15 39 23.3 +1.3
LL01	San Ignacio de	61.87 160	Iamb	Iamb	15 39 38.6
LL01	San Ignacio de	61.87 160	i/P	P	15 39 29.5 +7.5
E24K	Your Creek	61.87 340	P	P	15 40 12.4
E24K	Your Creek	61.87 340	P	P	15 39 22.5 +0.6
E24K	Your Creek	61.87 340	S	S	15 47 51.0 +5.8
LL07	Hotel Espejo M	61.94 161	IAMS_20	IAMS_20	16 00 17.4
M18K	Stony River	61.96 332	P	P	15 39 22.4 0.0
M18K	Stony River	61.96 332	S	S	15 47 48.8 +2.5
XMAS	Kiritimati	61.97 264	P	P	15 39 29.1 +5.8
XMAS	Kiritimati	61.97 264	P	P	15 39 23.0 -0.3
XMAS	Kiritimati	61.97 264	Iamb	Iamb	15 39 33.7
XMAS	Kiritimati	61.97 264	i/P	P	15 39 28.2 +4.9
O17K	Koliganek Bris	62.01 330	P	P	15 39 22.9 +0.1
O17K	Koliganek Bris	62.01 330	S	S	15 47 51.3 +4.4
CNBA	Chernabura Isl	62.03 324	Iamb	Iamb	15 40 11.8
CNBA	Chernabura Isl	62.03 324	P	P	15 39 23.0 0.0
CNBA	Chernabura Isl	62.03 324	P	P	15 39 22.8 -0.2
CNBA	Chernabura Isl	62.03 324	S	S	15 47 50.9 +3.5
COLD	Coldfoot	62.03 339	Iamb	Iamb	15 39 43.5
COLD	Coldfoot	62.03 339	P	P	15 39 23.5 +0.7
COLD	Coldfoot	62.03 339	S	S	15 47 52.1 +5.0
PET01	Itanhaem-SP	62.08 129	P	P	15 39 23.0 -0.8
PET01	Itanhaem-SP	62.08 129	S	S	15 47 46.5 -2.3
PET01	Itanhaem-SP	62.08 129	eP	P	15 39 22.9 -1.0
LPA	La Plata	62.08 145	i/P	P	15 39 20.1 -3.5
LPA	La Plata	62.08 145	P	P	15 41 49.8
LPA	La Plata	62.08 145	S	S	15 47 48.1 -0.3
LPA	La Plata	62.08 145	eS	P	15 49 17.9 +2.2
LPA	La Plata	62.08 145	SS	SS	15 51 07.7 -3.9
LPA	La Plata	62.08 145	SSS	SSS	15 55 03.6
NBPA	Parau_RN	62.13 105	P	P	15 39 24.8 +0.5
NBPA	Parau_RN	62.13 105	S	S	15 47 53.0 +3.1
NBPA	Parau_RN	62.13 105	eP	P	15 39 23.8 -0.5
BSCB	Bom Sucesso	62.20 125	P	P	15 39 24.0 0.0
BSCB	Bom Sucesso	62.20 125	S	S	15 47 49.3 -1.3
BSCB	Bom Sucesso	62.20 125	eP	P	15 39 24.3 -0.5
J20K	Nowinta River	62.21 335	IAMS_20	IAMS_20	16 08 33.1
J20K	Nowinta River	62.21 335	P	P	15 39 23.9 -0.2
J20K	Nowinta River	62.21 335	S	S	15 47 49.7 +0.4
P16K	Nushagak River</				

H20K	baz=112,SNR=49	S	S	15 47 59.3	-0.1		
N16K	Nishik Lake baz=106,SNR=155	63.01	330	P	P	15 49 29.7	+0.1
N16K	Prainha do Nor baz=106	63.01	55	eP	IAMB	15 39 31.2	+1.2
PPNO	comp=Z,2um,1.2s			eS	S	15 48 05.5	+5.0
D23K	Nanushuk River baz=118,SNR=197	63.01	341	P	P	15 39 30.1	+0.6
D23K	Rosais			S	S	15 48 01.5	+2.1
ROSA	ROSA	63.03	54	eP	IAMB	15 39 32.3	+2.2
ROSA	comp=Z,2um,1.6s			eS	S	15 48 02.9	+2.3
ROSA				eLQ	LQ	15 55 04.5	
ROSA				eLR	LR	15 58 04.5	
ROSA				IAMS_20	IAMS_20	16 02 42.2	
PMAN	Manadas	63.15	54	eP	IAMB	15 39 32.3	+1.4
PMAN	comp=Z,1um,1.4s			S	S	15 48 10.3	+8.2
F21K	Alatna River baz=114,SNR=460	63.18	338	P	P	15 39 31.1	+0.5
F21K	baz=114			S	S	15 48 05.5	+3.9
O15K	Ungalikthiuk R comp=Z,503nm,1.1s	63.18	329	IAMB	IAMB	15 39 54.3	
O15K	Ungalikthiuk R baz=104,SNR=57	63.18	329	P	P	15 39 29.8	-0.9
O15K				S	S	15 48 02.8	+1.0
SRBC	Serra Branca	63.20	54	eP	IAMB	15 39 32.1	+1.0
SRBC	comp=Z,3um,1.6s			eS	S	15 48 11.6	+9.0
SRBC				eLQ	LQ	15 55 11.4	
SRBC				eLR	LR	15 58 13.5	
SRBC				IAMS_20	IAMS_20	16 02 58.5	
PSCRZ	Santa Cruz	63.22	54	eP	IAMB	15 39 32.9	+1.6
PSCRZ	comp=Z,2um,1.8s			S	S	15 48 05.7	+2.5
PGRA	Graciosa	63.24	54	eP	IAMB	15 39 32.0	+0.5
PGRA	comp=Z,2um,2.8s			eS	S	15 48 14.9	
PGRA				eLQ	LQ	15 55 24.4	
PGRA				eLR	LR	16 03 00.4	
M16K	Timber Creek comp=Z,780um,22.0s	63.26	331	IAMB	IAMB	15 39 37.3	
M16K	comp=Z,792nm,1.6s			IAMS_20	IAMS_20	16 07 25.2	
M16K	Timber Creek comp=Z,592um,19.0s	63.26	331	P	P	15 39 31.4	+0.2
M16K	baz=106			S	S	15 48 06.8	+4.2
L17K	Donlin baz=107,SNR=66	63.28	332	P	P	15 39 31.2	0.0
L17K				S	S	15 48 04.8	+1.9
RCBR	Riachuelo comp=Z,219um,21.2s	63.28	105	LR	LR	16 08 28.8	
RCBR	baz=302,SNR=37	63.28	105	P	P	15 39 31.9	-0.2
RCBR				IAMB	IAMB	15 39 45.8	
RCBR	comp=Z,508nm,1.1s	63.28	105	IAMS_20	IAMS_20	16 07 55.8	
RCBR	Riachuelo comp=Z,563um,22.0s	63.28	105	P	P	15 39 31.9	-0.2
RCBR	comp=Z,508nm,1.1s			pmax	pmax		
RCBR	comp=Z,563um,22.0s			MLR	MLR		
RCBR	Riachuelo	63.28	105	↑P	P	15 39 32.6	+0.5
RCBR	Riachuelo	63.28	105	P	P	15 39 32.6	+0.5
RCBR	Riachuelo	63.28	105	S	S	15 48 06.6	+2.2
RCBR	Riachuelo	63.28	105	S	S	15 39 30.0	+2.1
RCBR	Riachuelo	63.28	105	S	S	15 47 55.8	-8.6
C23K	Itkillik River baz=119,SNR=179	63.41	342	eP	P	15 39 30.8	-1.3
C23K				P	P	15 39 32.6	+0.6
C23K				S	S	15 48 06.9	+2.7
K17K	Iditarod comp=Z,665nm,1.6s	63.46	333	IAMB	IAMB	15 39 37.9	
K17K	comp=Z,340um,20.0s	63.46	333	P	P	16 05 29.3	
K17K	Iditarod baz=108	63.46	333	P	P	15 39 31.4	-1.0
K17K				S	S	15 48 05.6	+0.5
NBLA	Lagarto - SE	63.50	111	P	P	15 39 32.9	-0.6
GCSA	Galena City Sc baz=110,SNR=9.9	63.52	335	P	P	15 39 32.5	-0.3
GCSA				S	S	15 48 07.0	+1.3
N15K	Kwethluk River comp=Z,364nm,1.3s	63.56	330	IAMB	IAMB	15 40 17.5	
N15K	Kwethluk River baz=105,SNR=34	63.56	330	P	P	15 39 33.2	0.0
N15K				S	S	15 48 08.9	+2.4
H19K	Roundabout Mou baz=111,SNR=77	63.62	336	P	P	15 39 33.2	-0.3
H19K				S	S	15 48 08.4	+1.4
L16K	Owhat River comp=Z,967nm,1.8s	63.69	332	P	P	15 39 33.9	0.0
L16K	Owhat River baz=106,SNR=91	63.69	332	P	P	15 39 34.4	+0.4
L16K				S	S	15 48 10.4	+2.4
PSBA	Serra de Santa	63.75	54	eP	IAMB	15 39 35.9	+1.0
PSBA	comp=Z,3um,1.6s			S	S	15 48 16.4	+6.1
ADH	Angra Heroismo	63.82	54	eS	P	15 47 58.0	-1.2
ADH	comp=Z,2um,1.6s			eP	P	15 39 36.8	+1.5
ADH				IAMB	IAMB	15 39 53.3	
ADH				eS	S	15 48 16.4	+6.1
ADH				eLQ	LQ	15 55 30.6	
ADH				eLR	LR	15 58 40.5	
ADH				IAMS_20	IAMS_20	16 02 55.6	
CMC01	Camacan, BA	63.83	116	P	P	15 39 35.6	0.0
CMC01	Camacan, BA	63.83	116	eP	IAMB	15 39 34.8	-0.8
E21K	Killik River comp=Z,698nm,1.5s	63.86	340	P	P	15 39 35.0	0.0
E21K	Killik River baz=115	63.86	340	P	P	15 39 35.2	+0.2
E21K				S	S	15 48 11.8	+1.8
PAGU	Agualva, Azore	63.86	54	eP	IAMB	15 39 36.0	+0.5
PAGU	comp=Z,3um,1.7s			S	S	15 48 16.7	+5.8
PAGU				eLQ	LQ	15 58 46.3	
PAGU				eLR	LR	16 03 07.6	
F20K	Avararã Lake comp=Z,612um,22.0s	63.91	338	IAMS_20	IAMS_20	16 09 25.9	
F20K	Avararã Lake baz=112,SNR=289	63.91	338	P	P	15 39 35.5	+0.2
F20K				S	S	15 48 13.9	+3.3
PSCM	Serra do Cume	63.91	54	eP	IAMB	15 39 36.8	+0.9
PSCM	comp=Z,2um,2.7s			IAMB	IAMB	15 39 45.4	
PSCM				S	S	15 48 12.6	+1.0
O14K	Tigykuiwet M comp=Z,442nm,1.4s	63.92	329	IAMB	IAMB	15 40 32.4	
O14K	Tigykuiwet M baz=103,SNR=9.6	63.92	329	P	P	16 04 48.9	
O14K				S	S	15 39 34.6	-0.9

O14K	baz=103	S	S	15 48 12.7	+1.8		
SJMB	Sao Joao De Ma	63.96	120	P	P	15 39 36.3	-0.2
SJMB	comp=Z,341nm,1.3s	63.96	120	eP	P	15 48 13.2	+0.6
M15K	baz=104,SNR=48	63.98	330	P	P	15 39 35.7	-0.7
M15K				S	S	15 39 35.9	0.0
M15K				S	S	15 48 14.5	+2.8
J17K	VABM Dome comp=Z,495um,21.0s	64.00	333	IAMB	IAMB	15 40 33.0	
J17K	VABM Dome baz=107,SNR=8.0	64.00	333	P	P	16 07 24.6	
J17K				IAMS_20	IAMS_20	16 07 24.6	
J17K				S	S	15 48 13.1	+1.3
NBPV	Pedro Velho comp=Z,674nm,1.4s	64.06	105	eP	P	15 39 37.8	+0.6
G19K	Purcell Mounta comp=Z,368um,19.0s	64.06	105	eP	P	15 39 36.1	-1.1
G19K	Purcell Mounta baz=110,SNR=81	64.09	337	IAMB	IAMB	15 39 44.6	
G19K				IAMS_20	IAMS_20	16 08 32.6	
G19K				S	S	15 48 14.3	+1.5
GUA01	Guaratinga, BA	64.13	118	P	P	15 39 37.8	+0.2
GUA01				S	S	15 48 15.1	+0.3
GUA01	Guaratinga, BA	64.13	118	eP	P	15 39 37.0	-0.6
FALS	False Pass comp=Z,358um,18.0s	64.21	324	IAMS_20	IAMS_20	16 07 55.1	
FALS	False Pass baz=99,SNR=6.5	64.21	324	P	P	15 39 37.6	+0.1
FALS				S	S	15 39 36.9	-0.6
FALS				S	S	15 48 16.1	+1.5
SIM2	UHE Simplicio	64.24	124	P	P	15 39 37.9	-0.3
H18K	Honhosa River comp=Z,719nm,1.7s	64.25	335	IAMB	IAMB	15 40 32.2	
H18K				IAMS_20	IAMS_20	16 10 16.1	
H18K				S	S	15 48 16.7	+1.8
N14K	Kuskokwak Cree comp=Z,266nm,1.0s	64.28	329	IAMB	IAMB	15 39 37.6	0.0
N14K	Kuskokwak Cree baz=103,SNR=27	64.28	329	P	P	15 40 21.4	
N14K				IAMS_20	IAMS_20	16 06 28.5	
N14K				S	S	15 48 17.2	+1.9
BSFB	Barra de Sao F	64.31	120	P	P	15 39 38.5	-0.2
BSFB	Barra de Sao F	64.31	120	eP	P	15 48 17.4	+0.6
NBAN	Anadia - AL	64.35	109	P	P	15 39 38.2	-0.5
C21K	Kniefblade Rid baz=114,SNR=210	64.42	340	P	P	15 39 38.7	-0.4
C21K				S	S	15 39 39.1	+0.4
C21K				S	S	15 48 20.8	+3.9
B22K	Teshhepuk Lake comp=Z,416nm,1.1s	64.50	342	IAMB	IAMB	15 40 40.8	
B22K				IAMS_20	IAMS_20	16 11 47.1	
B22K	Teshhepuk Lake baz=116,SNR=268	64.50	342	P	P	15 39 39.1	0.0
B22K				S	S	15 48 21.3	+3.6
E20K	Nigu River baz=112	64.54	339	P	P	15 39 39.6	+0.1
E20K				S	S	15 48 18.5	+0.1
B21K	Ikpiuk River comp=Z,1um,1.8s	64.56	341	IAMB	IAMB	15 39 54.4	
B21K	Ikpiuk River baz=114,SNR=51	64.56	341	P	P	15 39 39.5	0.0
B21K				S	S	15 48 22.4	+3.9
F19K	Shalerucik Mo comp=Z,570um,19.0s	64.58	337	IAMS_20	IAMS_20	16 09 29.8	
F19K	Shalerucik Mo baz=110	64.58	337	P	P	15 39 39.8	+0.1
F19K				S	S	15 48 20.2	+1.3
L15K	Ungalak Mounta baz=104,SNR=123	64.60	331	P	P	15 39 40.1	+0.2
L15K				S	S	15 48 24.3	+5.0
G18K	Tagagawik comp=Z,559um,18.0s	64.61	336	IAMS_20	IAMS_20	16 09 44.4	
G18K	Tagagawik baz=103,SNR=46	64.61	336	P	P	15 39 40.2	+0.2
G18K				S	S	15 48 24.2	+4.9
M14K	Bethe comp=Z,597um,20.0s	64.61	330	IAMS_20	IAMS_20	16 08 03.0	
M14K	Bethe baz=103,SNR=74	64.61	330	P	P	15 39 40.3	+0.4
M14K				S	S	15 48 22.9	+3.6
E19K	Redstone River baz=111	64.63	338	P	P	15 39 39.9	0.0
E19K				S	S	15 48 21.1	+1

23d 15h

Table with columns for station name, frequency, power, and signal quality. Includes stations like Magadan, Flechtingen, Stuttgart, Neuenburg, etc.

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Table with columns for station name, frequency, power, and signal quality. Includes stations like Hora Svate Kat, Sankt Quirin, SQTa, etc.

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Table with columns for station name, frequency, power, and signal quality. Includes stations like Dobruska-Polom, MYKA, MYKA, etc.

TORD	comp=Z,1.4nm,1.0s,baz=303,slow=28,SNR=1.0	PKKbpc	PKKbpc	15 59 24.3	-0.1
TORD	comp=Z,4.9nm,0.8s,baz=81,slow=2.6,SNR=8.4	PKKPKP	PKKPKP	16 07 38.5	
TORD	comp=Z,15nm,1.4s,baz=84,slow=2.1,SNR=5.1	LR	LR	16 20 15.5	
TORD	comp=Z,392um,21.6s,baz=290,slow=33				
TORD	comp=Z,2.8nm,0.7s				
TORD	Torodi Ar. Bea	93.72	75 P	15 42 18.2	-2.1
TORD				15 52 57.0	+1.5
VYHS	Vyhne	93.84	37 eP	15 42 20.2	0.0
VYHS				15 42 20.2	0.0
VYHS	Srobarova	93.86	38 eP	15 42 26.3	+6.0
SRO	Srobarova	93.86	38 eP	15 42 26.3	+6.0
CTZ	Chatham Island	94.16	226 P	15 42 30.2	+8.6
CTZ	comp=Z,147um,21.0s	IAMS_20	IAMS_20	16 15 16.0	
TAM	Tamanrasset	94.22	65 P	15 42 23.3	-0.4
TAM				15 42 33.0	
TAM	comp=Z,397nm,1.3s	IAMS_20	IAMS_20	16 26 59.3	
TAM	comp=Z,244um,19.0s	IAMS_20	IAMS_20	16 26 59.3	
TAM	Tamanrasset	94.22	65 P	15 42 22.3	-0.4
TAM				15 42 22.3	-0.4
TAM	comp=Z,397nm,1.3s	MLR	MLR		
TAM	comp=Z,244um,19.0s	MLR	MLR		
NIE	Niedzica	94.22	36 eP	15 42 22.4	+0.4
NIE				15 42 09.8	+1.6
NIE				15 53 00.6	+3.5
NIE				16 20 51.1	
NIE	comp=Z,252um,24.7s				
NIE	Niedzica	94.22	36 P	15 42 22.3	+0.3
YAK	Yakutsk	94.47	340 LR	16 28 11.5	
YAK	comp=Z,323um,21.2s,baz=44,slow=38	IAMS_20	IAMS_20	15 42 11.0	-0.8
YAK	Yakutsk	94.47	340 IAMB	15 42 32.7	
YAK	comp=Z,163nm,1.0s	IAMS_20	IAMS_20	16 29 45.3	
YAK	Yakutsk	94.47	340 IAMS_20	15 42 21.6	-1.2
YAK				15 46 09.7	
YAK				15 52 53.0	-4.8
YAK				15 54 51.7	
YAK	comp=Z,22um,15.0s				
YAK	CJR Cluj-Napoca	97.52	37 P	15 42 37.7	+0.5
YAK	CJR Cluj-Napoca	97.52	37 P	15 42 37.7	+0.5
YAK	DEV Deva	97.55	38 P	15 42 42.4	+2.2
YAK	DEV Deva	97.55	38 P	15 42 42.4	+2.2
YAK	GZR Gura Zlata	97.73	39 P	15 42 38.8	+0.6
YAK	GZR Gura Zlata	97.73	39 P	15 42 38.8	+0.6
YAK	ARCR ARCALIA	97.75	37 P	15 42 38.6	+0.4
YAK	Mi29 Mi29, Kamyanyy	97.76	32 P	15 42 36.8	-1.2
YAK	HERR Herculanu	97.78	39 P	15 42 38.5	+0.1
YAK	BKZ Black Stump Fm	97.90	232 P	15 42 47.7	+8.8
YAK	BKZ Black Stump Fm	97.90	232 P	15 42 37.4	-1.5
YAK	BKZ	comp=Z,172nm,1.7s	IAMB	15 42 57.0	
YAK	BKZ	comp=Z,235um,21.0s	IAMS_20	16 17 15.3	
BURAR	Bucovina Array	97.95	36 P	15 42 37.6	-1.5
YUKAR	Lubur, Ukraine	98.00	33 P	15 42 37.5	-1.6
YUKAR	Yuzh-Kuril'sk	98.01	320c P	15 40 10.8	
YUK				15 46 34.6	
YUK				15 48 48.4	
YUK				15 55 25.6	-5.0
YUK				16 00 53.3	+6.3
YUK				16 04 40.3	
YUK	comp=Z,2um,3.7s				
YUK	comp=Z,287nm,1.1s				
YUK	comp=N,139nm,0.6s				
YUK	comp=E,66nm,0.4s				
KMPD	K-Podol'skiy	98.10	34 P	15 42 37.7	-1.9
VLO	Vlora	98.12	44 P	15 42 30.6	+0.8
PK21	Malin Array Si	98.15	32 P	15 42 37.7	-2.1
PK21	Peshkopia	98.16	43 P	15 42 40.1	0.0
AK19	Malin Array Si	98.16	32 P	15 42 37.8	-2.0
AK22	Malin Array Si	98.17	32 P	15 42 37.9	-1.9
AK18	Malin Array Si	98.20	32 P	15 42 38.0	-1.9
AK23	Malin Array Si	98.20	32 P	15 42 38.1	-1.9
AK17	Malin Array Si	98.22	32 P	15 42 38.1	-1.9
AK15	Malin Array Si	98.24	32 P	15 42 38.1	-1.9
AK04	Malin Array Si	98.25	32 P	15 42 38.2	-2.0
AK16	Malin Array Si	98.25	32 P	15 42 38.1	-1.7
AK13	Malin Array Si	98.26	32 P	15 42 38.6	-1.7
AK03	Malin Array Si	98.27	32 P	15 42 38.7	-1.6
AK14	Malin Array Si	98.27	32 P	15 42 38.7	-1.6
AK11	Malin Array Si	98.28	32 P	15 42 38.7	-1.6
MDB	Medias	98.28	37 P	15 42 42.3	+1.8
MDB	Medias	98.28	37 P	15 42 42.3	+1.8
KIEV	Kiev	98.29	32 P	15 42 38.5	-1.8
KIEV	Kiev	98.29	32 P	15 42 39.2	-1.2
KIEV	Kiev	98.29	32 P	15 42 39.1	-1.2
KIEV	SNR=45				
KIEV	Kiev	98.29	32 P	15 42 39.2	-1.2
KIEV	Kiev	98.29	32 P	15 42 38.6	-1.8
AK12	Malin Array Si	98.29	32 P	15 42 38.6	-1.8
AKASG	Malin Array Be	98.29	32 P	15 42 38.4	-2.0
AKASG	comp=Z,3.2nm,0.8s,baz=293,slow=3.9,SNR=32			15 46 37.0	-2.5
AKASG	comp=Z,17nm,0.9s,baz=308,slow=6.8,SNR=5.4			15 53 16.7	-1.6
AKASG	comp=Z,0.3nm,0.4s,baz=197,slow=32,SNR=1.7			15 59 14.2	-0.9
AKASG	comp=Z,2.3nm,0.9s,baz=96,slow=2.0,SNR=7.1			16 28 43.3	
AKASG	comp=Z,402um,19.4s,baz=288,slow=36				
AKASG	comp=Z,3.2nm,0.8s				
AKBB	Malin Array Be	98.29	32 P	15 42 37.7	-2.7
AKBB	Malin Array Si	98.29	32 IAMB	15 42 45.0	
AKBB	Malin Array Si	98.29	32c IAMB	15 42 38.2	-2.2
AKBB	Malin Array Si	98.29	32 P	15 42 38.8	-1.6
AK01	Malin Array Si	98.29	32 P	15 42 38.5	-1.8
LOT	Lotru	98.30	38 P	15 42 40.8	0.0
YSS	Yuzhno-Sakhali	98.30	324 P	15 42 42.2	+2.1
YSS	Yuzhno-Sakhali	98.30	324 P	15 42 39.0	-1.5
YSS	comp=Z,176um,21.0s	IAMS_20	IAMS_20	16 30 07.6	
YSS	Yuzhno-Sakhali	98.30	324c P	15 42 39.9	-0.6
YSS				15 46 41.9	
YSS				15 53 19.1	
YSS				15 54 04.7	-3.7
YSS				15 55 35.3	+1.8
YSS				16 00 49.8	-1.0
YSS	comp=Z,100nm,2.9s				
YSS	comp=Z,14um,14.6s				
YSS	comp=N,3um,12.5s				
YSS	comp=E,5um,12.7s				
YSS	comp=Z,16um,11.8s				
YSS	comp=N,5um,10.8s				
YSS	comp=E,8um,12.8s				
YSS	comp=E,13um,13.2s				
AK02	Malin Array Si	98.31	32 P	15 42 38.6	-1.9
AK05	Malin Array Si	98.32	32 P	15 42 38.7	-1.9
AK06	Malin Array Si	98.35	32 P	15 42 38.8	-1.8
AK08	Malin Array Si	98.35	32 P	15 42 38.8	-1.8
AK10	Malin Array Si	98.37	32 P	15 42 39.8	-0.9
AK07	Malin Array Si	98.37	32 P	15 42 39.2	-1.5
AK09	Malin Array Si	98.37	32 P	15 42 38.7	-2.1
DRBR	Derabari	98.39	35 P	15 42 35.5	+4.6
BFZ	Birch Farm	98.45	230 IAMS_20	16 16 25.5	

BLBK	Belogradchik	98.60	40 I/P	15 42 29.7	-1.1
OHR	Ohrid	98.67	43 I/P	15 42 31.7	+0.8
KEK	Kerkira	98.69	45 P	15 46 27.3	
WMS	Saranda	98.74	39 P	15 48 29.0	+4.5
WMS	Moscow	98.76	24c I/P	15 53 51.1	
MOS				15 55 16.6	+6.1
MOS				16 00 34.6	+1.4
MOS					
MOS					
MOS					
MOS	comp=Z,190um,21.0s				
MOS					
MOS	comp=Z,11um,8.0s				
MOS	comp=Z,227nm,1.9s				
MOS	comp=N,3um,6.0s				
MOS	comp=E,4um,6.5s				
MOS	comp=N,181um,19.0s				
MOS	comp=Z,266um,19.0s				
MOS	comp=E,182um,21.0s				
OBN	Obninsk	98.77	25 LR	16 26 53.6	
OBN	Obninsk	98.77	25c I/P	15 42 43.9	+1.5
OBN	Obninsk	98.77	25c I/P	15 42 41.1	-1.3
OBN				15 46 42.0	
OBN				15 55 37.4	-0.9
OBN	comp=Z,256nm,1.4s				
OBN	comp=Z,548um,21.0s				
OBN	Obninsk	98.77	25 P	15 42 41.7	-0.7
KBN	Korea	98.81	43 P	15 42 43.2	-0.3
MRZ	Mangatainoku	98.94	230 P	15 42 42.5	-0.9
MRZ	comp=Z,200um,20.0s	IAMS_20	IAMS_20	16 17 11.5	
HIZ	Haiti	99.00	233 IAMS_20	16 18 04.2	
VALD	Valchedram	99.03	40 P	15 42 42.6	-1.3
VOIR		99.06	38 I/P	15 42 44.6	+0.5
VOIR		99.06	38 I/P	15 42 44.6	+0.5
VOIR		99.06	38 P	15 42 43.2	-0.9
OZUR		99.12	37 I/P	15 42 44.9	+0.6
IGT	Igoumenitsa	99.14	45 P	15 42 43.9	-0.6
NEST	Nestora	99.18	44 P	15 42 44.1	-0.7
OZU	Omahuta	99.25	236 IAMS_20	16 16 51.0	
ONER	Baraj Valea Uz	99.33	36 I/P	15 42 46.8	+1.6
SPNT	Pentalofos	99.35	44 P	15 42 44.9	-0.7
SORM	Soroca	99.38	34 I/P	15 42 47.7	-0.6
SORM	Soroca	99.38	34 I/P	15 42 44.7	-0.6
TESR	Tescani	99.38	36 I/P	15 42 44.8	-0.6
GRNR	Gornyy	99.39	329 I/P	15 42 44.9	-0.5
MJEP	Malo Peshtene	99.39	40 I/P	15 42 44.4	-1.1
JAN	Janina	99.42	44 P	15 42 45.2	-0.8
VTJ	Vitosh	99.47	41 I/P	15 42 46.1	0.0
VTS	Vitohsa	99.47	41 P	15 42 45.4	-0.7
COVR	Viteosa-Covas	99.50	37 I/P	15 42 46.2	+0.2
HUMR	Humele	99.52	38 I/P	15 42 45.9	-0.1
MLR	Muntele Rosu	99.55	37 LR	16 28 21.4	
MLR	Muntele Rosu	99.55	37 LR	16 28 21.4	
MLR	Muntele Rosu	99.55	37 I/P	15 42 46.8	+0.4
MLR	Muntele Rosu	99.55	37 IAMB	15 43 28.8	
MLR	comp=Z,253nm,1.6s				
MLR	Muntele Rosu	99.55	37 I/P	15 42 46.8	+0.4
MLR	Muntele Rosu	99.55	37 P	15 42 45.3	-1.1
PRMD	Pramanda	99.65	44 P	15 42 46.2	-0.6
LKNZ	Kozani	99.71	43 P	15 42 46.5	-0.6
LKDZ	Kozani island	99.72	45 P	15 42 46.5	-0.6
YALAN	Yalanan	99.72	44 P	15 42 46.6	+1.6
SNZO	South Karori	99.72	230 IAMS_20	16 16 52.4	
SNZO	comp=Z,209um,22.0s				
SNZO	South Karori	99.72	230 P	15 42 53.4	+6.6
PLOR	Plostina	99.76	37 I/P	15 42 45.7	-1.4
VR	Vrincioiaia	99.79	37 P	15 42 47.6	+0.3
VR	Vrincioiaia	99.79	37 P	15 42 47.6	+0.3
EVGI	Lefkada island	99.80	45 P	15 42 46.9	-0.6
KKB	Krupnik	99.81	41 I/P	15 42 47.8	+0.4
KKB	Krupnik	99.81	41 P	15 42 46.9	-0.5
FSK	Fiskardo	99.81	45 P	15 42 46.9	-0.5
TETR	Tetrakomo, Epi	99.86	44 P	15 42 47.1	-0.7
PLVB	Plevan	99.92	40 I/P	15 42 46.5	-1.3
VLS	Valsamata	99.97	46 P	15 42 47.6	-0.6
KNT	Kendrikon	100.01	42 P	15 42 47.7	-0.6
AMPL	Ampelaki	100.03	34 P	15 42 47.7	-0.6
GHRH	Ghorra	100.07	36 I/P	15 42 54.0	+5.6
GHRH	Ghorra	100.07	36 P	15 42 48.0	-0.4
PGB	Panagyurishte	100.11	40 I/P	15 42 48.6	-0.2
RTLZ	Ratzaki, Kefa	100.14	46 P	15 42 48.2	-0.7
HTL	Klokotos Trika	100.25	44 P	15 42 48.5	-0.8
LIT	Litochoro	100.29	43 P	15 42 48.7	-0.9
TYRN	Tyrnavos	100.32	44 P	15 42 48.9	-0.8
THE	Thessaloniki	100.33	43 P	15 42 48.9	-0.8
LTHK	Lithakia	100.37	46 P	15 42 49.1	-0.8
PVO	Paravola	100.39			

TDK	Taldyqorghan	119.26	5	ePKP	PKPdf	15 47 52.1	-0.2
TDK				ePP	PP	15 49 11.1	-0.4
TDK				LR	LR	16 41 11.4	
TIA	comp-Z,321µm,21.9s						
TIA	Taian	119.50	329	Pdfif	Pdfif	15 44 16.9	+1.8
TIA				PKP	PKPdf	15 47 49.3	-3.9
TIA				SS	SS	15 49 16.0	+2.3
TIA				SS	SS	16 05 44.5	+8.3
TIA				AMB	AMB		
TIA	comp-Z,39µm,11.1s						
TIA				LR	LR		
HNS	HongShan	119.67	332	↑Pdif	Pdif	15 44 16.6	+0.8
HNS				PKP	PKP	15 47 53.1	-0.1
HNS				PP	PP	15 49 18.4	+3.6
HNS				S	S	15 57 10.6	+3.3
HNS				AMB	AMB		
HNS	comp-Z,66µm,16.1s						
HNS				LR	LR		
HNS	comp-Z,113µm,20.6s						
HNS				LR	LR		
BRLS	Boroday	120.02	12	ePKIKP	PKIKP	15 47 54.2	+0.3
BRLS				e	e	15 49 17.8	
BRLS	Boroday	120.02	12	ePKIKP	PKIKP	15 47 54.2	+0.3
BRLS				ePP	ePP	15 49 19.9	+1.0
SYO	Syowa Base	120.05	163	↑P	PKIKP	15 47 59.0	+6.0
SYO	Sogindya	120.40	8	ePKP	PKPdf	15 47 54.5	-0.1
SYO				ePP	PP	15 49 19.2	-0.3
SGDS	Taiyuan	120.40	334	Pdif	Pdif	15 44 22.6	+3.4
SGDS				PKP	PKPdf	15 47 59.8	+0.9
SGDS				PP	PP	15 49 24.3	+4.4
SGDS				SKS	SKSdf	15 55 09.9	+2.9
SGDS				SS	SS	16 05 49.6	+1.9
SGDS				SS	SS		
WMQ	Urumqi	120.55	357	PKP	PKPdf	15 47 54.8	-0.1
WMQ				PP	PP	15 49 25.3	+4.8
WMQ				SS	SS	16 05 54.4	+5.5
WMQ				LR	LR		
WMQ	comp-Z,146µm,24.5s						
WMQ	comp-Z,94µm,21.9s						
WMQ				LR	LR		
WMQ	comp-Z,162µm,24.5s						
WMQ				LR	LR		
GRTLG	Ghanzi	120.59	106	Pdif	Pdif	15 44 16.2	-4.1
GRTLG				PP	PP	15 49 25.7	+2.6
KPKS	Kokpek	120.80	4	ePKIKP	PKPdf	15 47 55.2	-0.2
KPKS	Kokpek	120.80	4	ePKP	PKPdf	15 47 55.3	-0.2
KPKS	Sutherland	120.81	118	IAMS_20	IAMS_20	16 37 40.8	
SUR	Sutherland	120.81	118	P	PKIKP	15 47 59.8	+4.0
SUR	Sutherland	120.81	118	Pdif	Pdif	15 44 26.3	+5.1
SUR				PP	PP	15 49 21.6	-2.7
CTA	Charters Tower	120.88	256	PKP	PKIKP	15 47 56.5	+0.4
CTA				PP	PP	15 49 26.8	+1.8
CTA	comp-Z,15nm,1.1s,baz=70,slow=4.2,SNR=7.0						
CTA				PKPKPbc	PKPKPbc	15 57 59.8	+0.3
CTA	comp-Z,6.6nm,1.0s,baz=306,slow=3.9,SNR=9.7						
CTA	Charters Tower	120.88	256	IAMS_20	IAMS_20	16 30 26.6	
IUG	luzhny	120.90	12	ePKIKP	PKPdf	15 47 55.2	-0.4
IUG				e	e	15 49 22.3	
IUG	luzhny	120.90	12	ePKP	PKPdf	15 47 55.3	-0.4
IUG				ePP	PP	15 49 22.3	-0.7
AAA	Alma-Ata	120.90	6	ePKIKP	PKPdf	15 47 55.2	-0.4
AAA	Alma-Ata	120.90	6	ePKP	PKPdf	15 47 55.3	-0.4
AAA				LR	LR	16 42 14.2	
AAA	comp-Z,215µm,22.4s						
MDOK	Medeo	120.96	6	ePKIKP	PKPdf	15 47 55.5	-0.3
MDOK	Medeo	120.96	6	ePKP	PKPdf	15 47 55.5	-0.3
MDOK				LR	LR	16 42 20.5	
TNSS	Tian-Shan	121.08	6	ePKIKP	PKPdf	15 47 55.7	-0.6
TNSS	Tian-Shan	121.08	6	ePKP	PKPdf	15 47 55.8	-0.6
SHLS	Shalkode	121.17	4	ePKIKP	PKPdf	15 47 56.0	-0.1
SHLS				e	e	15 49 24.3	+0.1
SHLS	Shalkode	121.17	4	ePKP	PKPdf	15 47 56.0	-0.1
SHLS				ePP	PP	15 49 24.7	-0.1
SHLS	Ala-Archa	121.18	8	PKP	PKPdf	15 47 56.2	0.0
SHLS				PP	PP	15 49 24.9	-0.1
AAK	comp-Z,10nm,0.8s,baz=144,slow=2.3,SNR=4.5						
AAK	Ala-Archa	121.18	8	ePKIKP	PKPdf	15 47 56.3	0.0
AAK				MLR	MLR		
AAK	comp-Z,554µm,24.0s						
SATY	Saty	121.18	8	P	PKPdf	15 47 51.1	-5.2
SATY	Saty	121.19	5	ePKIKP	PKPdf	15 47 56.0	-0.2
SATY	Saty	121.19	5	ePKP	PKPdf	15 47 56.0	-0.2
SSE	Sheshan	121.22	323	PKP	PKPdf	15 47 56.4	0.0
SSE				AMB	AMB		
NJ2	Nanjing	121.83	325	↑Pdif	Pdif	15 44 32.3	+6.8
NJ2				PKP	sPKP	15 48 02.6	-0.4
NJ2				PP	PP	15 49 30.3	+0.5
NJ2				SS	SS	16 06 05.8	-0.6
NJ2				LR	LR		
GTA2	Gaotai	123.04	345	Pdif	Pdif	15 44 31.6	+0.6
GTA2				PKP	PKPdf	15 47 56.0	-3.9
GTA2				PP	PP	15 49 38.3	+0.7
GTA2				SKKS	SS	15 56 31.4	
GTA2				SS	SS	16 05 18.5	-2.5
GTA2				AMB	AMB		
GTA2	comp-Z,16µm,9.5s						
GTA2				LR	LR		
GTA2	comp-Z,171µm,24.8s						
GTA2				LR	LR		
LYN	LuoYang	123.04	332	Pdif	Pdif	15 44 31.8	+0.9
LYN				PKP	PKPdf	15 47 59.8	0.0
LYN				PP	PP	15 49 42.4	+4.6
LYN				SS	SS	16 06 29.1	+7.7
LYN				AMB	AMB		
WUS	Wushi	123.10	4	IAMS_20	IAMS_20	16 45 40.3	
CHGR	Chuyangaron	124.06	141	ePKIKP	PKIKP	15 48 02.4	+0.3
BOSA	Boshof	124.65	114	PKP	PKPdf	15 48 03.1	-0.1
BOSA				PKP	PKPdf	15 48 03.1	-0.1
BOSA	Boshof	124.65	114	PKP	PKPdf	15 48 02.0	-1.2
BOSA	Boshof	124.65	114	PKP	PKPdf	15 44 40.2	+2.0
BOSA				PKP	PKPdf	15 48 05.1	+1.6
BOSA				PP	PP	15 49 54.4	+4.0
BOSA				PP	PP	15 48 02.8	-0.4
BOSA				PP	PP	15 49 52.6	+3.5
BOSA	Kashi	124.76	8	PKP	PKPdf	15 44 45.7	+6.5
BOSA				PKP	PKPdf	15 48 04.0	-0.1
BOSA				PP	PP	15 49 56.4	+4.4
BOSA				PP	PP	15 44 48.1	+2.1
BOSA				PKP	PKPdf	15 44 48.1	+1.6
BOSA				PP	PP	15 49 53.3	+2.2
BOSA				SKKS	SS	15 56 52.0	
BOSA				SS	SS	16 06 53.1	+6.8
BOSA				LR	LR		
BOSA	comp-Z,121µm,23.5s						
BOSA				LR	LR		
BOSA	comp-Z,263µm,24.1s						
BOSA				LR	LR		
LZH	Lanzhou	125.05	340	Pdif	Pdif	15 44 42.1	+2.1
LZH				PKP	PKPdf	15 48 03.6	-0.3
LZH				PP	PP	15 49 54.3	+3.0
LZH				SS	SS	16 05 15.1	+1.3
LZH				SS	SS	15 48 04.1	-0.3
LZDM	Lanzhou Array	125.22	340	PKP	PKPdf	15 48 04.1	-0.3
MBAR	Mbarara	125.38	79	ePKIKP	PKIKP	15 48 05.3	+0.3
MBAR				MLR	MLR		
MBAR	comp-Z,298µm,19.0s						
MBAR	Mbarara	125.38	79	P	PKIKP	15 48 05.8	+0.4
MBAR	Mbarara	125.38	79	Pdif	Pdif	15 44 47.7	+5.9
MBAR				PKP	PKPdf	15 48 05.7	+0.4
MBAR				PP	PP	15 49 57.4	+1.9
MBAR				PP	PP	15 48 04.3	+0.3
TATO	Taipei	125.39	317	P	PKPdf	15 44 42.5	+1.0
WHN	Wuhan	125.41	328	↑Pdif	Pdif	15 48 04.0	-0.4
WHN				PKP	PKPdf	15 48 04.0	-0.4
WHN				PP	PP	15 49 58.8	+4.9
WHN				PP	PP	15 55 12.6	-3.9
WHN				SKS	SKSdf	15 48 04.7	+0.1
STKA	Stephens Creek	125.52	242	PKP	PKPdf	15 48 04.7	+0.1
STKA				PKPbc	SKPKPbc	16 01 19.4	-1.4
STKA	comp-Z,3.0nm,0.8s,baz=272,slow=6.9,SNR=3.5						
STKA	Stephens Creek	125.52	242	ePKIKP	PKIKP	15 48 04.9	0.0

YHNB	Yeheng	125.67	317	IAMS_20	IAMS_20	16 34 50.6	
RAYN	Ar Rayn	125.75	45	IAMS_20	IAMS_20	16 46 46.0	
RAYN	Ar Rayn	125.75	45	i	PKPdf	15 48 05.4	0.0
RAYN	Ar Rayn	125.75	45	P	PKIKP	15 48 09.4	+3.7
NACB	Ninganchiao	125.87	317	IAMS_20	IAMS_20	16 42 07.9	
INKA	Innaminka	126.37	247	PKP	PKPdf	15 48 03.2	-3.1
LSZ	Lusaka	126.40	97	PKP	PKPdf	15 48 05.1	-1.7
LSZ	Lusaka	126.40	97	IAMS_20	IAMS_20	16 55 02.4	
LSZ	Lusaka	126.40	97	PKIKP	PKPdf	15 48 05.1	-1.7
LSZ				MLR	MLR		
LSZ	comp-Z,98µm,20.0s						
LSZ	Lusaka	126.40	97	P	PKPdf	15 48 03.3	-3.5
LSZ	Lusaka	126.40	97	Pdif	PKPdf	15 44 51.2	+5.0
LSZ				PKP	PKPdf	15 48 07.0	+0.2
LSZ				PP	PP	15 50 05.6	+3.3
LSZ				PKP	PKP	15 48 05.9	+0.2
MAW	Mawson	126.47	170	PKP	PKP	15 48 05.9	+0.2
MAW				PP	PP	15 48 05.9	+0.2
MAW	comp-Z,31nm,0.9s,baz=260,slow=7.6,SNR=7.0						
SSLB	Suanglung	126.56	317	IAMS_20	IAMS_20	16 55 25.1	
SSLB				PKP	PKP	15 48 05.0	-0.5
CASY	Casey	126.59	193	IAMS_20	IAMS_20	16 25 32.2	
CASY	Casey	126.59	193	IAMS_20	IAMS_20	16 25 32.2	
SAKB	Bahrain	127.23	39	P	PKPdf	15 48 06.1	-2.0
GOMU	Geerlulu	127.25	349	PKP	PKPdf	15 48 07.6	-0.8
GOMU				SS	SS	15 48 07.1	-0.8
GOMU				AMB	AMB	15 48 07.1	-0.8
GOMU	comp-Z,44µm,10.8s						
GOMU				LR	LR		
GOMU	comp-Z,181µm,24.1s						
GOMU				LR	LR		
GOMU	comp-Z,147µm,24.0s						
GOMU				LR	LR		
QZHZ	Quanzhou	127.25	320	Pdif	Pdif	15 44 53.3	+3.5
QZHZ				PKP	PKPdf	15 48 06.9	-1.2
QZHZ				PP	PP	15 50 06.1	-0.3
QZHZ				SS	SS	16 07 18.3	+3.1
QZHZ				AMB	AMB		
QZHZ	comp-Z,23µm,16.1s						
QZHZ				LR	LR		
QZHZ	comp-Z,89µm,20.3s						
QZHZ				LR	LR		
QZHZ	comp-Z,126µm,22.0s						
KNMB	Chin-men Tao	127.73	119	IAMS_20	IAMS_20	16 51 10.7	
KNMB				PKP	PKP	15 48 05.0	-4

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PLIG, HUEH, YAIG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TOIG, HLIG, TLIG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TWE, TDCB, WUSB, etc.

Table with columns: Station Name, Time, Res, ISC, Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like BVAR, MORH, KURBB, ARTI, etc.

Table with columns: Station Name, Time, Res, ISC, Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like SPITS, HEH, KRSR, YAK, etc.

Table with columns: Station Name, Time, Res, ISC, Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, ISC. Includes stations like MT02, MT02, MT02, etc.

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Table with columns: STCH, Steam Cracks, 56.73, 76, P, P, 18 00 05.0, +2.2, 18 00 06.0, BOK, Bokaro, 57.09, 289, eP, P, 18 00 06.2, +0.9, 18 00 09.3, WMQ, Urumqi, 57.48, 313, P, Pmax, 18 00 09.4, +1.7, GAMB, Gambell, 57.85, 21, Iamb, Iamb, 18 00 28.9, GAMB, Gambell, 57.85, 21, P, 18 00 11.2, +1.3, MKAZ, Moumakai, 57.86, 152, P, P, 18 00 13.0, +2.7, M11K, Mekoryuk, 58.00, 26, Iamb, Iamb, 18 00 30.9, M11K, Mekoryuk, 58.00, 26, P, 18 00 12.7, +1.7, SDPT, Sand Point, 58.41, 33, P, P, 18 00 15.0, +1.1, SDPT, Sand Point, 58.41, 33, P, 18 00 14.9, +1.0, TOZ, Tahuroa Road, 58.55, 152, P, P, 18 00 17.3, +2.3, TIXI, Tikisi, 58.57, 354, P, P, 18 00 13.5, -1.3, TIXI, Tikisi, 58.57, 354, Pmax, pmax, 18 00 13.4, -1.3, CHNA, Chornabura Isl, 58.68, 34, P, P, 18 00 16.2, +0.4, CHNA, Chornabura Isl, 58.68, 34, P, 18 00 16.9, +1.1, HIZ, Hauri, 58.89, 153, Iamb, Iamb, 18 00 21.2, HIZ, Hauri, 58.89, 153, P, 18 00 20.0, +2.5, DGZ, Jazzator, 59.09, 320, Pmax, pmax, 18 00 20.2, +1.2, OMRZ, Omania, 59.23, 152, 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Table with columns: H18K, Honhosa River, 63.46, 23, Iamb, Iamb, 18 00 51.2, H18K, Honhosa River, 63.46, 23, P, P, 18 00 48.9, +0.9, NGP, Nagpur, 63.56, 287, eP, Iamb, 18 00 51.8, UTK, UTTARKASHI, 63.57, 298, eP, P, 18 00 50.3, +0.7, P19K, Oil Pt, 63.59, 30, P, P, 18 00 49.8, +0.7, JHNI, Jhansi, 63.63, 292, eP, Iamb, 18 00 49.1, -0.8, F18K, Selawik, 63.65, 21, P, P, 18 00 50.4, +1.2, G18K, Tagagawik, 63.68, 22, Iamb, Iamb, 18 00 52.6, G18K, Tagagawik, 63.68, 22, P, P, 18 00 50.5, +1.1, L19K, White Mountain, 63.68, 27, Iamb, Iamb, 18 00 54.4, L19K, White Mountain, 63.68, 27, P, P, 18 00 51.3, +1.6, E18K, Tukpahleark C, 63.71, 20, P, P, 18 00 51.1, +1.5, KLP, Kalpa, 63.73, 298, eP, Iamb, 18 00 51.1, +0.3, ILSW, Iliamna Southw, 63.74, 29, Iamb, Iamb, 18 00 55.3, SEM, Semipalatinsk, 63.76, 320, Pmax, pmax, 18 00 50.3, -0.2, SEM, Semipalatinsk, 63.76, 320, MLR, MLR, SEM, Semipalatinsk, 63.76, 320, P, 18 00 50.4, -0.1, SEM, Semipalatinsk, 63.76, 320, LR, LR, 18 29 10.5, M19K, Big River Ludj, 63.81, 27, P, P, 18 00 52.2, +1.8, GCSA, Galena City Sc, 63.86, 24, P, P, 18 00 51.5, +0.9, KPKS, Koikek, 63.88, 312, eP, P, 18 00 51.8, +0.5, KPKS, Koikek, 63.88, 312, eS, S, 18 00 51.8, +0.5, O20K, Slope Mountain, 64.02, 29, P, P, 18 00 52.4, +0.5, SATY, Saty, 64.05, 311, P, P, 18 00 52.8, +0.3, RED, Redoubt Volcan, 64.05, 29, Iamb, Iamb, 18 00 56.6, J19K, Poorman, 64.06, 25, Iamb, Iamb, 18 01 11.7, J19K, Poorman, 64.06, 25, P, P, 18 00 53.5, +1.6, PALK, Pallekele, 64.07, 271, P, P, 18 00 53.6, +0.7, PALK, Pallekele, 64.07, 271, Pmax, pmax, 18 00 53.0, 0.0, PALK, Pallekele, 64.07, 271, P, P, 18 00 53.0, 0.0, PALK, Pallekele, 64.07, 271, Pmax, pmax, PALK, Pallekele, 64.07, 271, P, P, 18 00 54.7, +1.7, UGON, Onchagoan, 64.11, 295, eP, P, 18 00 51.0, -1.9, C18K, Utukok River, 64.13, 19, P, P, 18 00 53.3, +0.8, ASOR, Aurosa, 64.22, 295, eP, P, 18 00 51.0, -2.7, TDK, Taldygorghan, 64.23, 313, Pmax, pmax, 18 00 54.0, +0.5, TDK, Taldygorghan, 64.23, 313, MLR, MLR, TDK, Taldygorghan, 64.23, 313, 18 00 54.1, +0.5, TDK, Taldygorghan, 64.23, 313, LR, LR, 18 29 22.2, H19K, Roundabout Mou, 64.35, 23, Iamb, Iamb, 18 00 57.5, H19K, Roundabout Mou, 64.35, 23, P, P, 18 00 55.4, +1.6, HOM, Home, 64.36, 30, P, P, 18 00 54.8, +0.8, M20K, Styx River, 64.36, 27, Iamb, Iamb, 18 01 16.2, M20K, Styx River, 64.36, 27, P, P, 18 00 55.1, +2.0, G19K, Purcell Mounta, 64.37, 22, P, P, 18 00 56.3, +1.0, F19K, Shalercuk Mo, 64.42, 21, P, P, 18 00 55.0, +0.8, HYB, Hyderabad, 64.45, 283, eP, Iamb, 18 00 55.9, +0.4, HYB, Hyderabad, 64.45, 283, P, 18 00 57.2, HYB, Hyderabad, 64.45, 283, eP, P, 18 00 55.0, HYB, Hyderabad, 64.45, 283, eP, P, 18 01 12.7, HYB, Hyderabad, 64.45, 283, eP, P, 18 03 17.3, K20K, Telida, 64.46, 26, P, P, 18 00 56.6, +2.0, BISR, Bishrakh, 64.52, 295, eP, P, 18 00 54.4, -1.2, SPCR, Spurr Chakacha, 64.56, 28, P, P, 18 00 55.9, +0.5, NDI, New Delhi, 64.71, 295, eP, P, 18 00 56.8, -0.1, J20K, Nowinta River, 64.73, 25, P, P, 18 00 58.4, +2.0, NPLP, NPLP New Delhi, 64.75, 295, eP, Iamb, 18 00 57.1, 0.0, NPLP, NPLP, 64.75, 295, Iamb, Iamb, 18 01 00.7, BRSE, Bradley Lake S, 64.82, 30, P, P, 18 00 57.8, +0.8, STLK, Strandline Lake, 64.83, 28, Iamb, Iamb, 18 01 01.3, I20K, Naaghedeneel, 64.83, 24, P, P, 18 00 59.1, +2.2, KURK, Kurchatov, 64.83, 320, P, P, 18 00 57.1, -0.2, KURK, Kurchatov, 64.83, 320, Pmax, pmax, 18 00 57.4, +0.2, KURK, Kurchatov, 64.83, 320, P, P, 18 00 57.7, +0.4, KURK, Kurchatov, 64.83, 320, P, P, 18 00 57.9, +0.6, GUNA, GUNA, 64.85, 291, eP, Iamb, 18 00 57.5, -0.3, GUNA, GUNA, 64.85, 291, Iamb, Iamb, 18 01 00.7, GNR, GNAUR, 64.86, 296, eP, P, 18 00 57.1, -0.8, SONA, Sohna, 64.86, 295, eP, P, 18 00 57.3, -0.5, C19K, Lookout Ridge, 64.87, 19, P, P, 18 00 58.7, +1.5, KURBB, Kurchatov Arra, 64.88, 320, P, P, 18 00 58.4, +0.9, KURBB, Kurchatov Arra, 64.88, 320, S, S, 18 02 29.1, -4.2, KURBB, Kurchatov Arra, 64.88, 320, P, P, 18 29 43.4, -6.0, KURBB, Kurchatov Arra, 64.88, 320, P, P, 18 00 57.8, +0.3, BHPL, Bhopal, 64.88, 289, eP, P, 18 00 57.9, -0.2, KDJ, Kajsay, 64.88, 310, Iamb, Iamb, 18 01 00.5, E19K, Redstone River, 64.88, 21, P, P, 18 00 58.8, +1.4, H20K, Anotleneega Mo, 64.93, 23, P, P, 18 00 59.3, +1.6, BHGR, Bahadurgarh, 64.95, 295, eP, P, 18 00 57.3, -1.1, A19K, Winwright, 64.97, 18, P, P, 18 00 59.5, +1.7, CGRH, CHANDIGARH, 65.01, 298, eP, P, 18 00 58.8, -0.1, MDOK, Medeo, 65.05, 311, eP, P, 18 00 59.4, +0.3, MDOK, Medeo, 65.05, 311, LR, LR, 18 29 52.8, MDOK, Medeo, 65.05, 20, LR, LR, 18 29 52.8, D19K, Kuna River, 65.05, 20, P, P, 18 00 59.6, +1.2, PPLA, Purkeypile, 65.11, 27, Iamb, Iamb, 18 01 08.0, PPLA, Purkeypile, 65.11, 27, P, P, 18 00 50.5, +1.5, SKT, Skwentna, 65.11, 28, Iamb, Iamb, 18 01 02.8, SKT, Skwentna, 65.11, 28, P, P, 18 00 59.3, +0.4, TNSS, Tian-Shan, 65.11, 311, eP, P, 18 00 59.6, -0.1, TNSS, Tian-Shan, 65.11, 311, eP, P, 18 00 59.7, -0.1, AAA, Aka-Ata, 65.15, 311, eP, P, 18 00 59.8, +0.2

I30M	Mount Dempster	72.38	26	P	P	18 01 45.4 +1.3
SIT	Sitka	72.42	34	P	P	18 01 46.2 +1.9
SKAG	Skagway	72.50	32	P	P	18 01 47.0 +2.2
G30M	toAh Zraii Nji	72.60	24	P	P	18 01 46.5 +1.1
WHY	Whitehorse	72.77	30	I	Amb	18 01 51.3
WHY	Whitehorse	72.77	30	P	P	18 01 48.5 +2.0
F30M	Barrier River	72.83	23	P	P	18 01 48.3 +1.7
S32K	Killishnoo	72.84	34	P	P	18 01 48.7 +1.9
R32K	Eaglecrest	72.89	33	P	P	18 01 49.2 +2.1
M31M	Drury Creek, Y	73.07	29	I	Amb	18 01 52.9
M31M	Drury Creek, Y	73.07	29	P	P	18 01 49.8 +1.6
H31M	Peel River	73.27	25	P	P	18 01 50.7 +1.4
P32M	Atlin	73.33	32	P	P	18 01 51.8 +2.0
G31M	Satah River	73.36	24	P	P	18 01 51.1 +1.4
F31M	Tsiigehtich	73.60	23	P	P	18 01 52.1 +1.0
U33K	Whale Pass	73.64	35	P	P	18 01 53.7 +2.2
CRAG	Craig	73.64	36	P	P	18 01 53.6 +2.0
N32M	Quiet Lake	73.66	30	I	Amb	18 01 56.7
N32M	Quiet Lake	73.66	30	P	P	18 01 53.4 +1.7
INK	Inuvik	73.73	22	P	P	18 01 52.8 +0.9
P33M	Teslin	73.78	31	P	P	18 01 54.2 +1.7
WRAK	Wrangell Islan	74.06	35	P	P	18 01 56.2 +2.2
Q32M	Nakina River	74.06	32	P	P	18 01 56.5 +2.2
H02S2	DAWSON INLET T	74.08	38	P	P	18 01 55.1 +0.9
H02S2	DAWSON INLET T	74.08	38	T	T	19 23 17.5
H02S1	DAWSON INLET T	74.08	38	P	P	18 01 55.2 +1.0
H02S1	DAWSON INLET T	74.08	38	T	T	19 23 23.5
V35K	Ketchikan	74.51	36	P	P	18 01 58.3 +1.7
MMPY	Sheldon Lake	74.53	28	I	Amb	18 02 02.0
MMPY	Sheldon Lake	74.53	28	P	P	18 01 58.8 +2.0
S34M	Telegraph Cree	74.69	33	P	P	18 02 00.1 +2.5
R33M	Jennings River	74.73	32	I	Amb	18 02 03.1
R33M	Jennings River	74.73	32	P	P	18 02 00.3 +2.3
T35M	Bob Quinn	75.20	34	P	P	18 02 03.1 +2.4
DLBC	Dease Lake	75.25	33	P	P	18 02 03.4 +2.4
SVE	Sverdlowski	75.76	326	deP	pmx	18 02 04.9 +1.1
WTLY	Watson Lake, Y	75.80	31	I	Amb	18 02 08.8
WTLY	Watson Lake, Y	75.80	31	P	P	18 02 06.2 +2.2
TGNT	Hyland Airport	75.97	30	P	P	18 02 07.1 +2.0
A36M	Sachs Harbour	76.55	19	P	P	18 02 09.2 +1.1
AB31	Akbulak array	76.82	318	I	Amb	18 02 11.4
AB31	Akbulak array	76.82	318	iP	P	18 02 10.3 +0.3
ABKAR	Akbulak array	76.82	318	P	P	18 02 09.6 -0.4
ARTI	Arti	77.04	325	I	Amb	18 02 10.8 -0.3
ARTI	Arti	77.04	325	iP	pmx	18 02 11.4
ARTI	Arti	77.04	325	iP	pmx	18 02 11.1 0.0
ARTI	Arti	77.04	325	iP	pmx	18 02 11.4 +1.7
ARTI	Arti	77.04	325	iP	pmx	18 02 11.5 +1.7
ARTI	Arti	77.04	325	iP	pmx	18 02 11.5 +3.3
ARTI	Arti	77.04	325	iP	pmx	18 02 11.8 +0.7
C36M	Paulatuk	77.14	21	P	P	18 02 12.2 +0.8
LIRD	Liard River Hi	77.21	32	P	P	18 02 13.8 +1.8
AKTO	Aktyubinsk	77.92	319	P	P	18 02 16.1 -0.1
WRGLY	Wrigley	78.05	28	I	Amb	18 02 19.5
WRGLY	Wrigley	78.05	28	P	P	18 02 18.4 +1.8
KOTAN	Kotanelee Air	78.16	31	P	P	18 02 19.1 +1.9
WISH	Wishkah	80.28	44	I	Amb	18 02 52.4
RADR	Rader Ridge	80.39	45	I	Amb	18 02 34.7
DRV	Dumont d'Urville	80.49	182	P	P	18 02 30.8 +1.2
DRV	Dumont d'Urville	80.49	182	pP	pP	18 02 48.8 +0.9
E03A	Lebam	80.52	44	I	Amb	18 02 55.9
F03A	Seaside	80.64	45	I	Amb	18 02 56.7
02E	Swisshome, OR	80.76	47	I	Amb	18 02 35.5
GNW	Green Mountain	80.84	43	I	Amb	18 02 54.9
J01E	Myrtle Point	80.87	48	I	Amb	18 02 55.5
COR	Corvallis	81.06	46	P	P	18 02 34.9 +1.6
COR	Corvallis	81.06	46	I	Amb	18 02 56.7
COR	Corvallis	81.06	46	P	P	18 02 34.9 +1.6
KRPM	Rodgers	81.17	50	I	Amb	18 02 58.8
I03D	Drain, OR	81.19	47	I	Amb	18 02 57.1
BUCK	Buck Mountain	81.35	47	I	Amb	18 02 38.9
KHMM	Horse Mountain	81.44	50	I	Amb	18 02 59.2
H04D	Lebanon	81.47	46	I	Amb	18 02 58.6
KIRV	Kirov	81.47	328	iP	P	18 02 35.5 +0.4
JLN	Jalan Bani Buh	81.48	291	P	P	18 02 36.6 +0.6
G04A	Mulino	81.52	46	I	Amb	18 02 39.2
KCPM	Caito Peak	81.78	51	I	Amb	18 02 41.4
WBK	Wadi Bani Khal	81.79	291	P	P	18 02 38.3 +0.7
I04A	Tendick Farm	81.84	47	I	Amb	18 02 60.0
WSAR	Wadi Sarin	81.97	292	P	P	18 02 39.3 +0.7
J04A	Umpqua Nationa	82.17	47	I	Amb	18 02 42.8
YKA	Yellowknife Ar	82.17	28	P	P	18 02 39.9 +1.1
YKA	Yellowknife Ar	82.17	28	P	P	18 02 39.2 +0.4
WIFE	Three Sisters	82.21	47	I	Amb	18 02 43.1
L04D	Klamath Falls	82.23	49	I	Amb	18 03 02.5
B02D	Mt. Diablo Mer	82.29	51	I	Amb	18 03 04.5
H0PS	Hopland Field	82.31	52	I	Amb	18 02 43.8
BIDO	Bidbid	82.37	292	P	P	18 02 41.4 +0.8
SMDO	Samax	82.53	292	P	P	18 02 42.3 +0.6
K04D	Chiloquin, OR	82.55	48	I	Amb	18 03 04.8

M03C	McCloud	82.56	49	I	Amb	18 02 44.9
GDXM	Geyers	82.56	52	I	Amb	18 03 05.7
JMDO	Jabal Madar	82.63	291	P	P	18 02 42.5 +0.5
FARB	Farallon Islan	82.63	53	I	Amb	18 02 45.0
MCCM	Marconi Confer	82.63	53	I	Amb	18 02 45.1
MNRC	McLaughlin Min	82.81	52	I	Amb	18 02 46.8
ALE	Alert	82.83	4	P	P	18 02 43.0 +1.1
PINE	Pine Mountain	82.88	47	I	Amb	18 02 46.8
CVS	Carmenite Vey	82.91	52	I	Amb	18 02 46.7
O03E	Paynes Creek	83.00	50	I	Amb	18 03 06.2
EPH	Ephrata	83.03	43	I	Amb	18 03 05.3
MHTO	MHTO	83.04	290	P	P	18 02 45.0 +0.9
HOQ	Hoqain	83.09	293	P	P	18 02 45.1 +0.7
HATC	Hat Creek Radi	83.14	50	I	Amb	18 03 23.8
K05A	Kumeyaay Lake	83.15	48	I	Amb	18 03 07.5
HOPEN	Hopen	83.31	348	eP	P	18 02 44.8 +0.3
BSY	Bisya	83.36	292	P	P	18 02 46.4 +0.6
ORV	Oroville	83.39	51	I	Amb	18 03 08.8
BANOM	Banah	83.49	295	P	P	18 02 48.2 +1.8
BANOM	Banah	83.49	295	P	P	18 02 47.0 +0.6
SHME	Shamm	83.61	295	iP	P	18 02 48.1 +1.1
SHME	Shamm	83.61	295	P	P	18 02 47.6 +0.6
MDH	Madha	83.63	294	P	P	18 02 47.8 +0.7
DOM	Dom	83.65	294	P	P	18 02 47.2 +0.8
SOHO	SOHO	83.67	293	iP	P	18 02 48.1 +0.8
SOHO	SOHO	83.67	293	P	P	18 02 48.1 +0.8
MASF	Masafi	83.73	294	P	P	18 02 48.3 +0.6
MSFE	Esma-Masafi	83.74	294	iP	P	18 02 48.8 +1.1
MHC	Mount Hamilton	83.76	53	I	Amb	18 02 51.4
UOSS	Minazif	83.79	294	P	P	18 02 48.1 +0.2
UOSS	Minazif	83.79	294	iP	P	18 02 48.5 +0.6
UOSS	Minazif	83.79	294	P	P	18 02 48.5 +0.6
UOSS	Minazif	83.79	294	P	P	18 02 48.5 +0.6
SPAD	Spitsbergen Ar	83.83	351	I	Amb	18 02 47.2 +0.1
SPB2	Spitsbergen Ar	83.83	351	eP	P	18 02 49.1
SPITS	Spitsbergen Ar	83.83	351	P	P	18 02 47.3 +0.2
SPITS	Spitsbergen Ar	83.83	351	P	P	18 29 05.8 -3.8
SPITS	Spitsbergen Ar	83.83	351	P	P	18 02 46.9 -0.2
SPITS	Spitsbergen Ar	83.83	351	P	P	18 02 46.9 -0.2
ARQ	Araqi	83.85	292	P	P	18 02 49.0 +0.7
HATD	Hatta, Dubai	83.88	294	iP	P	18 02 49.5 +1.1
HATD	Hatta, Dubai	83.88	294	P	P	18 02 49.2 +0.8
AFDM	Forest Hills D	83.92	52	I	Amb	18 02 51.8
BELG	Belogoroye	83.93	322	iP	pmx	18 02 47.7 -0.3
BELG	Belogoroye	83.93	322	pmx	pmx	18 02 47.7 -0.3
BELG	Belogoroye	83.93	322	MLR	MLR	18 02 47.5 -0.2
BELG	Belogoroye	83.93	322	P	P	18 02 49.6
KBS	Kingsbay	83.97	352	P	P	18 02 47.5 -0.2
KBS	Kingsbay	83.97	352	P	P	18 02 49.6
KBS	Kingsbay	83.97	352	eP	P	18 02 48.1 +0.3
KBS	Kingsbay	83.97	352	pmx	pmx	18 02 47.8 0.0
KBS	Kingsbay	83.97	352	MLR	MLR	18 02 48.6 +0.8
KBS	Kingsbay	83.97	352	P	P	18 02 49.7 +0.8
ASHO	Ashiyah	83.97	294	P	P	18 02 49.6 +0.7
RES	Resolute Bay	84.02	13	I	Amb	18 02 50.0
BEKR	Beckworth	84.17	51	I	Amb	18 02 53.0
NOR	Nord	84.22	357	iP	P	18 02 49.2 +0.2
NOR	Nord	84.22	357	I	Amb	18 02 50.8
NAZ	Nazwa, Dubai	84.26	294	iP	P	18 02 50.7 +0.4
NAZ	Nazwa, Dubai	84.26	294	P	P	18 02 51.1 +0.8
FAQ	Al Faqa, Dubai	84.37	294	iP	P	18 02 51.9 +1.0
FAQ	Al Faqa, Dubai	84.37	294	P	P	18 02 51.9 +1.0
ALNE	Al Ain	84.38	293	iP	P	18 02 51.8 +0.8
ALNE	Al Ain	84.38	293	P	P	18 02 51.6 +0.7
BGBG	Big Mountain B	84.40	54	I	Amb	18 02 55.0
NEW	Newport	84.43	42	I	Amb	18 02 56.2
MPK	Martis Peak	84.55	51	I	Amb	18 03 15.6
CMB	Columbia Colle	84.57	52	I	Amb	18 02 55.2
PMPB	Monarch Peak	84.67	54	I	Amb	18 02 56.2
HSPB	Hornsund (broa	84.75	350	eP	P	18 02 51.8 0.0
LVZ	Lovozero	84.85	339	P	P	18 02 51.2 -1.3
LVZ	Lovozero	84.85	339	iP	pmx	18 02 51.5 -1.0
LVZ	Lovozero	84.85	339	pmx	pmx	18 02 51.9 -0.6
LVZ	Lov					

Table with columns: WORD, comp, pmax, pmax, and various station identifiers like YHL, YHB, PSUT, etc.

Table with columns: LEIR, Leirfjorden, 92.80 343, eP, P, 18 03 29.3, -0.9, and various station identifiers like FCC, O20A, PV21, etc.

Table with columns: DOMB, Dombas, 96.97 341, eP, P, 18 03 48.9, -0.6, and various station identifiers like NC204, NB2, NB2, etc.

IBBN	comp=Z,16m,1.0s,baz=45,slow=4.3	ePP	PP	18 08 43.9 +0.5	
UBBA	Unterelzbach baz=46,slow=7.2	104.81 333	ePP	PP	18 08 45.7 +1.5
MOA	Molin	104.82 329	ePP	PP	18 08 43.8 -0.8
GRF	Grafenberg Arr	105.05 331	ePdiff	Pdif	18 04 31.2 +5.5
GRF	comp=Z,2.1m,1.3s,baz=45,slow=6.1	ePP	PP	18 08 47.8 +1.5	
SESA	Seetaler Alpe, comp=Z,39m,1.2s	105.15 328	ePP	PP	18 08 46.0 -1.3
SOKA	Soboth	105.19 327	ePP	PP	18 08 45.6 -1.8
KASTN	Kahler Asten	105.22 334	ePP	PP	18 08 46.7 -0.8
BUG	Bochum-Üniver	105.54 334	ePP	PP	18 08 49.7 +0.1
OBKA	Obir	105.55 327	ePP	PP	18 08 49.6 -0.6
KBA	Koelbrenspers	105.80 328	ePP	PP	18 08 49.4 -2.7
LESA	Schwarzealpe	105.90 329	ePP	PP	18 08 49.2 -3.5
TNS	Tanus Mts baz=46,slow=7.2	105.93 333	ePP	PP	18 08 53.2 +0.5
MYKA	Terra Mystica	105.94 328	ePP	PP	18 08 49.8 -3.2
FUR	Furstenfeldbru	106.08 330	ePdiff	Pdif	18 04 29.3 -1.1
FUR	comp=Z,2.4m,1.1s,baz=45,slow=4.3	ePP	PP	18 08 52.7 -1.3	
EKA	Eskaletmuir Ar	106.16 342	Pdiff	Pdif	18 08 29.3 -1.2
EKA	comp=Z,1.7m,0.7s,baz=34,slow=3.7,SNR=6.9	ePP	PKIKP	PP	18 08 41.8 0.0
EKA	comp=Z,1.8m,0.6s,baz=31,slow=3.8,SNR=7.0	ePP	PKIKP	PP	18 08 53.1 -1.0
SCHO	Schefferville	106.16 19	Pdiff	Pdif	18 04 29.4 -1.1
SCHO	comp=Z,4.4m,0.9s,baz=31,slow=5.5,SNR=6.3	ePP	PKIKP	PP	18 08 55.6 +1.5
ABTA	Abfaltersbach	106.44 328	ePKIKP	PKIKP	18 08 43.0 +0.2
ABTA	comp=Z,2.9m,1.0s,baz=32,slow=8.4,SNR=5.2	ePP	PKIKP	PP	18 08 55.3 -1.4
WATA	Walderalm	106.51 329	ePKIKP	PKIKP	18 08 43.1 +0.1
WATA	comp=Z,4.6m,0.7s	ePP	PKIKP	PP	18 08 54.7 -2.5
WTTA	Wattenberg	106.53 329	ePKIKP	PKIKP	18 08 43.5 +0.4
WTTA	comp=Z,5.8m,0.8s	ePP	PKIKP	PP	18 08 55.1 -2.4
STU	Stuttgart	106.64 332	ePP	PP	18 08 59.0 +1.1
MEM	Membach	106.69 335	ePKIKP	PKIKP	18 08 43.7 +0.7
MEM	comp=Z,2.9m,0.9s	ePP	PKIKP	PP	18 08 43.8 +0.4
MOTA	Motalsalp	106.74 330	ePKIKP	PKIKP	18 08 57.4 -1.5
SQTA	Sankt Quirin	106.77 329	ePKIKP	PKIKP	18 08 43.7 +0.2
SQTA	comp=Z,6.8m,1.4s,SNR=6.9	ePP	PKIKP	PP	18 08 57.6 -1.5
RETA	Reutte	106.81 330	ePP	PP	18 08 57.9 -1.4
BHO	Houveznegz	106.88 334	ePP	PP	18 08 59.9 +0.2
BCLA	Clavier	107.12 335	ePKIKP	PKIKP	18 08 45.4 +1.6
FETA	Feichten	107.14 330	ePKIKP	PKIKP	18 08 44.5 +0.3
FETA	comp=Z,4.1m,0.9s	ePP	PKIKP	PP	18 09 02.0 +0.1
UCC	Uccle	107.22 335	ePKIKP	PKIKP	18 08 45.1 +1.1
UCC	comp=Z,2.9m,1.1s,SNR=8.4	ePP	PKIKP	PP	18 09 02.3 +0.1
BGES	Gesves	107.24 335	ePP	PP	18 08 46.0 +1.8
WLF	Walferdange	107.34 334	ePKIKP	PKIKP	18 09 01.4 -1.6
WLF	comp=Z,4.6m,0.7s	ePP	PKIKP	PP	18 09 03.2 +0.2
RCHB	Rochefort	107.36 335	ePKIKP	PKIKP	18 08 45.6 +1.4
RCHB	comp=Z,2.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 09 02.8 -0.2
PSVA	Damuels	107.37 330	ePKIKP	PKIKP	18 09 03.1 -0.5
BMRD	Maredsous	107.44 335	ePKIKP	PKIKP	18 08 45.7 +1.3
BMRD	comp=Z,2.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 09 05.7 +1.5
BMRD	comp=Z,2.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 09 05.7 +1.5
DOU	Dourbes	107.67 335	ePKIKP	PKIKP	18 08 45.8 +1.0
DOU	comp=Z,2.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 09 05.0 -0.3
TKL	Tuckaleechee C	112.01 42	ePKIKP	PKIKP	18 08 54.2 +0.7
TKL	comp=Z,2.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 08 54.2 +0.7
ELIB	Princess Elisa	112.92 197	ePKIKP	PKIKP	18 08 55.8 +1.6
ELIB	comp=Z,2.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 09 14.8 +1.1
ELIB	comp=Z,2.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 09 21.5 +0.5
MBAR	Mbarara	114.34 276	ePKIKP	PKIKP	18 09 03.0 +1.6
KEST	Kesra	115.62 321	ePKIKP	PKIKP	18 09 02.0 +1.5
KEST	comp=Z,9.0m,1.1s,baz=20,slow=3.3,SNR=6.3	ePP	PKIKP	PP	18 09 00.1 -2.8
KEST	comp=Z,9.0m,1.1s,baz=20,slow=3.3,SNR=6.3	ePP	PKIKP	PP	18 09 02.0 +1.5
GVNB	Guyabourough	116.00 21	ePKIKP	PKIKP	18 09 01.7 +1.0
NVL	N'iazarevskaya	116.67 196	ePKIKP	PKIKP	18 09 10.6 +9.3
NVL	comp=Z,1.1m,17.0s	ePP	PKIKP	PP	18 09 05.7 +1.7
TROLL	Troll, Antarti	117.98 192	ePKIKP	PKIKP	18 19 24.4 -2.2
TROLL	comp=Z,653m,0.9s	ePP	PKIKP	PP	18 19 24.4 -2.2
PBRG	Braganca	118.98 337	ePKIKP	PKIKP	18 09 07.9 +1.1
PBRG	comp=Z,2.235m,0.9s	ePP	PKIKP	PP	18 09 07.6 +1.0
SNA4	Sanae	119.29 191	ePKIKP	PKIKP	18 19 20.4 -0.4
SNA4	comp=Z,109m,1.0s	ePP	PKIKP	PP	18 19 20.4 -0.4
SNA4	comp=Z,1.7m,0.8s,baz=200,slow=2.6,SNR=24	ePP	PKIKP	PP	18 09 07.6 +1.1
SNA4	comp=Z,1.1m,1.1s,baz=168,slow=9.2,SNR=3.2	ePP	PKIKP	PP	18 19 20.4 -0.7
SNA4	comp=Z,3.9m,0.8s,baz=334,slow=7.4,SNR=8.7	ePP	PKIKP	PP	18 09 06.8 +0.3
SNA4	comp=Z,3.9m,0.8s,baz=334,slow=7.4,SNR=8.7	ePP	PKIKP	PP	18 09 06.8 +0.3
PGAV	Gaviera, Arco	119.41 338	ePKIKP	PKIKP	18 09 08.3 +0.6
PCAB	Cabril	119.54 338	ePKIKP	PKIKP	18 09 09.3 +1.5
PCAB	comp=Z,1.1m,1.1s,SNR=6.8	ePP	PKIKP	PP	18 10 31.1 +1.5
ESDC	Sonsecsa Aray	119.63 333	ePKIKP	PKIKP	18 09 09.3 +1.2
ESDC	comp=Z,5.1m,0.7s,baz=18,slow=2.4,SNR=31	ePP	PKIKP	PP	18 10 26.4 -3.9
ESDC	comp=Z,4.9m,1.0s,baz=28,slow=6.6,SNR=17	ePP	PKIKP	PP	18 19 18.7 -1.3
ESDC	comp=Z,0.7m,0.7s,baz=242,slow=2.5,SNR=5.0	ePP	PKIKP	PP	18 09 09.9 +0.8
ESDC	comp=Z,0.7m,0.7s,baz=242,slow=2.5,SNR=5.0	ePP	PKIKP	PP	18 09 09.9 +1.7
MVO	Moncorvo	119.64 337	ePKIKP	PKIKP	18 10 29.3 +0.4
LSZ	Lusaka	119.70 260	ePKIKP	PKIKP	18 09 09.7 +0.8
LSZ	comp=Z,1.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 09 11.0 +2.1
LSZ	comp=Z,1.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 09 11.3 +2.4
POLO	Lamas de Olo	119.75 337	ePKIKP	PKIKP	18 09 09.9 +1.6
POLO	comp=Z,1.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 09 12.9 +1.7
PVRL	Vila Real	119.81 337	ePKIKP	PKIKP	18 09 09.9 +1.5
PTO	Porto	120.25 338	ePKIKP	PKIKP	18 09 10.5 +1.3
PVIS	Viseu	120.36 337	ePKIKP	PKIKP	18 09 11.0 +1.5
MTE	Manteigas	120.50 336	ePKIKP	PKIKP	18 09 11.4 +1.6
MTE	comp=Z,1.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 09 34.5 -1.7
VNA2	Neumayer-Watz	127.72 190	ePKIKP	PKIKP	18 19 10.6 +1.5
VNA2	comp=Z,4.0m,0.7s,baz=12,slow=1.6	ePP	PKIKP	PP	18 19 14.6 +0.1
VNA2	comp=Z,2.2m,0.8s,slow=3.3	ePP	PKIKP	PP	18 19 14.6 +0.1
VNA2	comp=Z,1.4m,0.7s,baz=316,slow=4.8	ePP	PKIKP	PP	18 19 14.6 +0.1
VNA3	Neumayer Olymp	120.80 189	ePKIKP	PKIKP	18 09 10.5 +1.2
VNA3	comp=Z,2.2m,0.7s	ePP	PKIKP	PP	18 19 15.3 -0.9
VNA3	comp=Z,3.1m,0.8s	ePP	PKIKP	PP	18 19 15.3 -0.9
VNA3	comp=Z,1.9m,0.8s	ePP	PKIKP	PP	18 22 55.6 -4.2
PCBR	Castelo Branco	120.95 336	ePKIKP	PKIKP	18 09 12.1 +1.5
PCBR	comp=Z,1.9m,0.8s	ePP	PKIKP	PP	18 10 40.0 +0.9
VNA1	Neumayer-Stat	121.10 190	ePKIKP	PKIKP	18 09 11.4 +1.5
VNA1	comp=Z,2.2m,0.9s	ePP	PKIKP	PP	18 19 13.6 +0.9

PCAS	Casmilo, Conde	121.16 337	ePKIKP	PKIKP	18 09 12.3 +1.3
PCAS	comp=Z,2.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 10 41.2 +0.6
PMRV	Marv??o	121.27 336	ePKIKP	PKIKP	18 09 12.7 +1.4
PSARD	Sardoal	121.42 336	ePKIKP	PKIKP	18 09 13.1 +1.5
PSBSE	So Bento	121.74 337	ePKIKP	PKIKP	18 09 13.8 +1.6
PESTR	Estremoz	121.83 336	ePKIKP	PKIKP	18 09 14.2 +1.7
PESTR	comp=Z,1.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 10 46.7 +1.5
PMTG	Montargil	121.91 336	ePKIKP	PKIKP	18 09 13.7 +1.2
PMTG	comp=Z,2.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 10 46.4 +0.7
PBAR	Barrancos	122.19 335	ePKIKP	PKIKP	18 09 14.5 +1.4
PBAR	comp=Z,2.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 10 49.6 +1.9
EVO	Evora	122.29 336	ePKIKP	PKIKP	18 09 16.5 +1.2
EVO	comp=Z,2.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 10 45.0 -3.3
MOE	Montemor	122.43 336	ePKIKP	PKIKP	18 09 15.1 +1.5
MOE	comp=Z,2.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 10 48.1 -1.2
PBEJ	Beja	122.66 335	ePKIKP	PKIKP	18 09 15.8 +1.7
PBEJ	comp=Z,2.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 10 49.2 +1.9
LBOT	Labatse	122.85 249	ePKIKP	PKIKP	18 09 16.2 +1.6
MESJ	Messejana	122.96 335	ePKIKP	PKIKP	18 10 54.0 +1.1
MESJ	comp=Z,2.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 09 16.6 +1.7
PCVE	Castro Verde	123.07 335	ePKIKP	PKIKP	18 10 55.4 +1.8
PCVE	comp=Z,2.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 10 55.4 +1.8
VQV	Vaqueiros	123.13 335	ePKIKP	PKIKP	18 09 16.8 +1.5
BOSA	Boshof	123.13 245	ePKIKP	PKIKP	18 09 16.8 +1.5
BOSA	comp=Z,1.2m,0.8s,baz=96,slow=2.2,SNR=26	ePP	PKIKP	PP	18 10 14.3 -1.3
BOSA	comp=Z,3.4m,1.1s,baz=281,slow=10,SNR=3.6	ePP	PKIKP	PP	18 09 17.1 +1.8
BOSA	comp=Z,3.4m,1.1s,baz=281,slow=10,SNR=3.6	ePP	PKIKP	PP	18 09 17.5 +2.0
PBDV	Barranco-do-Ve	123.36 335	ePKIKP	PKIKP	18 10 53.5 -2.0
PBDV	comp=Z,2.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 09 17.3 +1.8
MTEO	Sao Teonito	123.42 336	ePKIKP	PKIKP	18 10 53.9 +1.1
MTEO	comp=Z,2.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 09 20.5 +0.3
MORJ	Marmelete	123.60 336	ePKIKP	PKIKP	18 09 22.4 0.0
MORJ	comp=Z,2.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 09 22.4 0.0
MD01	Midelt array s	125.56 329	ePKIKP	PKIKP	18 09 22.4 +0.3
TAM	Tamanrasset	125.58 313	ePKIKP	PKIKP	18 09 22.4 +0.3
TAM	comp=Z,2.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 09 24.0 +1.1
GRTLQ	Ghazal	126.80 254	ePKIKP	PKIKP	18 09 25.3 +2.5
GRTLQ	comp=Z,2.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 09 25.3 +2.5
PMAR	Porto Santo	130.21 340	ePKIKP	PKIKP	18 09 35.6 -1.2
PMAR	comp=Z,2.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 09 35.6 -1.2
OTAV	Otavalo	134.08 76	ePKIKP	PKIKP	18 09 36.6 -1.2
OTAV	comp=Z,2.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 09 36.6 -1.2
OTAV	comp=Z,2.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 09 36.6 -1.2
SJG	San Juan	135.27 45	ePKIKP	PKIKP	18 09 36.2 -2.0
SJG	comp=Z,2.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 09 36.2 -2.0
TORD	Tordi Ar. Bea	135.32 305	ePKIKP	PKIKP	18 09 27.0 0.0
TORD	comp=Z,1.1m,0.5s,baz=42,slow=2.6,SNR=6.2	ePP	PKIKP	PP	18 09 38.3 -0.2
TORD	comp=Z,1.3m,0.8s,baz=24,slow=2.5,SNR=23	ePP	PKIKP	PP	18 12 11.9 -2.9
TORD	comp=Z,3.0m,0.7s,baz=38,slow=4.9,SNR=3.8	ePP	PKIKP	PP	18 10 28.8 -0.5
TORD	comp=Z,1.5m,1.1s,baz=42,slow=4.4,SNR=7.9	ePP	PKIKP	PP	18 22 06.2 +0.5
TORD	comp=Z,1.7m,1.0s,baz=272,slow=6.4,SNR=4.1	ePP	PKIKP	PP	18 09 34.4 -4.1
PDPR	Patillas Dam,	135.42 45	ePKIKP	PKIKP	18 09 41.6 -0.6
PDPR	comp=Z,2.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 09 41.6 -0.6
ROSC	El Rosal	136.13 68	ePKIKP	PKIKP	18 09 36.8 -5.9
ROSC	comp=Z,2.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 09 36.8 -5.9
SDV	Santa Dominga	136.57 60	ePKIKP	PKIKP	18 13 12.8 +0.3
SDV	comp=Z,2.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 09 34.4 -4.1
PLCA	Paso Flores	138.65 137	ePKIKP	PKIKP	18 09 45.8 -0.8
PLCA	comp=Z,1.2m,0.9s,baz=58,slow=1.8,SNR=3.7	ePP	PKIKP	PP	18 13 12.8 +0.3
PLCA	comp=Z,2.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 09 47.4 -6.6
PLCA	comp=Z,2.9m,1.0s,SNR=6.8	ePP	PKIKP	PP	18 09 45.1 -5.3
CZSB	Cruzeiro do Su	141.82 85	ePKIKP	PKIKP	18 09 50.2 +0.2
CZSB					

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Campo Tres, Tepich, Lajitas Array, etc.

IDC 23 17:52:58.4, 5.7, 6.65N, 76.31W, h142km, 59km, mb3.0/1, mbmp3.4/2, Error ellipse: s-maj=155.3km s-min=53.8km az=58.0

RSNC 23 17:53:04.2, 0.0, 7.1N, 117.73W, h149km, 1km, M2.7, ML2.4

ISC 23 17:53:03.6, 1.3, 6.84N, 0.04, 73.13W, 0.05, h152km, 8km, n27, f1500/51, Northern Colombia

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

WRA Warramunga Arr 150.34 241 PKPbc PKPdf 18 12 25.2 -7.4

IDC 23 17:53:39.5, 2.8, 32.46N, 138.50E, h249km, 81km, mb3.4/2, mbmp4.0/2, Error ellipse: s-maj=218.6km s-min=42.4km az=58.0, Southeast of Honshu

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

IDC 23 17:58:44.8, 2.3, 0.16S, 133.38E, h0km, mb3.8/2, mbmp3.7/4, ML3.3/2, MS4.8/1, Error ellipse: s-maj=50.6km s-min=30.6km az=71.0

DJA 23 17:58:47.0, 1.9, 0.5S, 133.38E, h12km, 13km, M4.0/6, mb4.5/1, MLV3.7/6

ISC 23 17:58:47.0, 1.5, 0.2S, 0.1, 133.20E, 0.08, h10km, n9, f0572/9, Irian Jaya region

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

MKAR Makanchi Array 64.50 324 P P 18 09 23.9 -0.2

NEIC 23 18:02:50.9, 2.0, 20.15S, 0.06, 177.6W, 0.1, h402km, 10km, mb4.1/17, Error ellipse: s-maj=15.6km s-min=8.6km az=95.0

IDC 23 18:02:59.7, 15.0, 0.19S, 178.66W, h443km, 38km, mb3.4/3, mbmp4.3/3, Error ellipse: s-maj=282.9km s-min=94.7km az=94.0

ISC 23 18:02:50.4, 0.6, 20.15S, 0.1, 177.66W, 0.07, h400km, n28, f135/30, mb4.0/11, Fiji Islands region

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

ASAR Alice Springs 44.91 256 P P 18 10 27.1 -0.5

WRA Warramunga Arr 44.97 262 P P 18 10 26.9 -1.2

WRA Warramunga Arr 44.97 262 P P 18 10 26.9 -1.2

WRA Warramunga Arr 44.97 262 P P 18 10 26.9 -1.2

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WRA Warramunga Arr 44.97 262 P P 18 10 26.9 -1.2

WRA Warramunga Arr 44.97 262 P P 18 10 26.9 -1.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like Southwest of T, Mentone, Southeast of T, etc.

NNC 23 18:27:05.0, 1.5, 44.25N, 83.20E, h0km, mb3.8, mpv3.5, Error ellipse: s-maj=13.7km s-min=5.8km az=134.0

SOME 23 18:27:04.8, 44.23N, 83.28E, h15km

ISC 23 18:27:05.8, 1.7, 44.21N, 0.09, 83.24E, 0.08, h10km, n27, f2516/38, 3C-10, Northern Xinjiang

DJR Jarkent 2.48 274 Pg Pb 18 27 50.8 +0.3

DJR Jarkent 2.48 274 Pg Pb 18 27 50.8 +0.3

DJR Jarkent 2.48 274 Pg Pb 18 27 50.8 +0.3

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DJR Jarkent 2.48 274 Pg Pb 18 27 50.8 +0.3

Table with columns: KST, Station Name, Az, AZ31, Phase ID, Time, Res, ISC. Includes stations like KasteK, Matias Romero, etc.

Main table of station data with columns: Code, Station Name, Az, AZ31, Phase ID, Time, Res, ISC. Lists numerous stations and their coordinates.

Table of station data with columns: YAI, Station Name, Az, AZ31, Phase ID, Time, Res, ISC. Includes stations like Yutepec, Universidad Na, etc.

Table of station data with columns: WHTX, Station Name, Az, AZ31, Phase ID, Time, Res, ISC. Includes stations like Cleburne, Penonome, etc.

23d 18h

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like OCAC Ocana, X16A Lo Mia Camp, ORTC Ortega Tolima, etc.

2020 JUN

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like comp=Z,6,0nm,0.9s, Oil Creek Station, PAOC Pinedale Army, etc.

1466

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like YKA Yellowknife Ar, YKA Yellowknife Ar, BLKN Baker Lake, etc.

BDFB Brasilia	56.61 121	P	P	18 36 50.4	-0.1
BDFB					
comp-Z,16nm,0.8s					
MCARA McCarthy VSAT	56.65 335	I	Amb	18 37 16.9	
comp-Z,29nm,0.9s					
MCARA McCarthy VSAT	56.65 335	P	P	18 36 51.9	+1.9
baz=122					
M27K Edge Creek, AK	56.73 336	P	P	18 36 52.5	+1.7
baz=124,SNR=8					
VRDI Verde Repeater	56.74 335	I	Amb	18 36 56.5	
comp-Z,16nm,1.3s					
DAWY Dawson	56.82 339	P	P	18 36 52.6	+1.3
baz=127,SNR=7.0					
IVI Ivigtut	56.87 25	i	P	18 36 50.2	-1.3
IVI					
comp-Z,34nm,1.0s					
BMRM Bremner River	57.08 334	I	Amb	18 37 23.1	
comp-Z,12nm,1.1s					
BMRM Bremner River	57.08 334	P	P	18 36 55.2	+2.0
baz=120					
BCAR Beaver Creek A	57.10 337	P	P	18 36 53.4	+0.2
G31M Satah River	57.10 343	P	P	18 36 54.1	+1.1
baz=134,SNR=14					
M26K Nabesna, AK	57.19 336	I	Amb	18 36 59.1	
comp-Z,16nm,1.1s					
M26K Nabesna, AK	57.19 336	P	P	18 36 56.2	+2.3
baz=123,SNR=11					
I29M Ogilvie Camp	57.27 340	I	Amb	18 38 27.1	
baz=134,SNR=0.6s					
I29M Ogilvie Camp	57.27 340	P	P	18 36 55.0	+0.6
baz=129,SNR=8.1					
F31M Tsighetkic	57.33 344	P	P	18 36 55.5	+0.9
baz=135					
EYAK Cordova Ski Ar	57.36 333	P	P	18 36 56.4	+1.3
baz=119					
N25K Chitina, Valde	57.41 335	P	P	18 36 57.2	+1.7
baz=123					
EPYK Eagle Plains	57.44 342	P	P	18 36 56.9	+1.4
baz=131					
NBPS Pedro II - PI	57.50 106	eP	P	18 36 57.5	+0.7
L26K Log Cabin Wild	57.57 337	I	Amb	18 37 02.3	
comp-Z,23nm,1.1s					
L26K Log Cabin Wild	57.57 337	P	P	18 36 58.8	+1.6
baz=123					
IPMB Ipaneri, GO	57.67 123	eP	P	18 36 58.2	+0.3
SDBA SAO DESERIO	57.68 116	eP	P	18 36 59.0	+0.5
G30M Aoah Zraii Nij	57.70 343	P	P	18 36 58.4	+1.0
baz=132					
P23K Montague Islan	57.83 332	P	P	18 36 59.7	+1.3
baz=117					
H29M Whitestone	57.84 341	I	Amb	18 37 02.0	
comp-Z,20nm,1.1s					
H29M Whitestone	57.84 341	P	P	18 36 59.3	+1.0
baz=130,SNR=14					
I28M Miner Creek	57.86 340	P	P	18 36 59.9	+1.3
baz=127					
INK Inuvik	57.89 344	P	P	18 37 00.0	+1.4
baz=136,SNR=14					
KLU Klutina	57.90 334	I	Amb	18 37 30.8	
comp-Z,11nm,1.0s					
KLU Klutina	57.90 334	P	P	18 37 00.5	+1.6
baz=119,SNR=5.1					
NRSQ Narsarsuaq	58.00 26	i	P	18 36 58.3	-1.2
NRS					
comp-Z,27nm,0.9s					
F30M Barrier River	58.01 343	I	Amb	18 37 02.5	
comp-Z,27nm,0.8s					
F30M Barrier River	58.01 343	P	P	18 37 00.7	+1.2
baz=133,SNR=19					
HARP HAARP	58.04 335	P	P	18 37 01.7	+1.9
baz=120					
GLI Glacier Island	58.10 333	P	P	18 37 01.8	+1.5
baz=118					
G29M Pine Creek	58.19 342	I	Amb	18 37 04.9	
comp-Z,28nm,1.2s					
G29M Pine Creek	58.19 342	P	P	18 37 01.9	+1.2
baz=130,SNR=10					
M24K Tolsona, Glenn	58.31 335	P	P	18 37 03.8	+2.1
baz=117					
SCRK Sand Creek	58.42 337	I	Amb	18 37 07.1	
comp-Z,13nm,1.0s					
SCRK Sand Creek	58.42 337	P	P	18 37 04.6	+2.0
baz=122,SNR=21					
PAX Paxson	58.46 336	I	Amb	18 37 06.9	
comp-Z,12nm,1.0s					
PAX Paxson	58.46 336	P	P	18 37 04.6	+1.8
baz=120,SNR=14					
I27K Kandik River	58.51 340	I	Amb	18 38 00.5	
comp-Z,12nm,1.2s					
I27K Kandik River	58.51 340	P	P	18 37 04.4	+1.3
baz=126,SNR=5.3					
RIDG Independent RI	58.62 337	P	P	18 37 05.5	+1.6
baz=121,SNR=19					
PTGB Pitanga	58.63 132	eP	P	18 37 04.0	-0.6
SCM Sheep Creek Mo	58.65 334	P	P	18 37 06.0	+1.9
baz=119					
M23K Glacier View	58.80 334	P	P	18 37 07.1	+1.9
baz=117					
SEW Seward	58.80 332	P	P	18 37 07.5	+2.4
baz=115					
H27K Steamboat Moun	58.85 340	I	Amb	18 37 10.2	
comp-Z,30nm,1.4s					
H27K Steamboat Moun	58.85 340	P	P	18 37 07.4	+2.0
baz=126,SNR=17					
I26K Coal Creek Min	58.86 339	I	Amb	18 37 54.6	
comp-Z,12nm,1.4s					
I26K Coal Creek Min	58.86 339	P	P	18 37 06.2	+0.7
baz=124					
KNK Knik Glacier	58.94 334	P	P	18 37 08.0	+1.9
baz=116					
K24K Donnelly Dome	59.01 337	I	Amb	18 37 08.3	+1.7
comp-Z,16nm,0.8s					
K24K Donnelly Dome	59.01 337	P	P	18 37 08.3	+1.7
baz=124					
A36M Sachs Harbour	59.01 350	P	P	18 37 06.9	+0.5
baz=146					
SML Sawmill	59.06 334	I	Amb	18 37 11.9	
comp-Z,22nm,1.3s					
SML Sawmill	59.06 334	P	P	18 37 08.9	+1.9
baz=117					
BB19B Bebedouro	59.11 127	eP	P	18 37 08.4	+0.5
E29M Blow River	59.12 343	I	Amb	18 37 11.7	
comp-Z,27nm,1.1s					
E29M Blow River	59.12 343	P	P	18 37 08.7	+1.4
baz=131,SNR=19					
RES Resolute Bay	59.24 10	I	Amb	18 37 10.2	
comp-Z,22nm,1.1s					
RES Resolute Bay	59.24 10	P	P	18 37 09.3	+1.4
baz=118,SNR=18					
F28M Old Crow	59.19 342	P	P	18 37 09.2	+1.5
baz=129,SNR=43					
BRSE Bradley Lake S	59.24 331	P	P	18 37 09.5	+1.3
baz=118					
G27K Doyon Strip	59.24 341	I	Amb	18 37 11.1	
comp-Z,8.4nm,0.9s					
G27K Doyon Strip	59.24 341	P	P	18 37 09.2	+1.1
baz=126,SNR=23					
PSJD Palomas, Salto	59.24 142	eP	P	18 37 09.5	+0.9
SFJD Kangerlussuaq	59.26 19	i	P	18 37 06.0	-2.2
SFJD					
comp-Z,20nm,1.2s					
DHY Denali Highway	59.27 336	P	P	18 37 10.9	+2.4
baz=118					
J25K Salcha River	59.28 338	I	Amb	18 37 13.3	
comp-Z,18nm,1.3s					
J25K Salcha River	59.28 338	P	P	18 37 10.2	+1.8
baz=121,SNR=16					
GHO Glory Hole Cre	59.30 334	I	Amb	18 37 13.4	
comp-Z,25nm,1.2s					
PMR Palmer	59.30 334	P	P	18 37 10.8	+2.2
baz=116					
PMNB Patos De Minas	59.39 123	eP	P	18 37 11.0	+1.0
JANB Januarja	59.42 118	eP	P	18 37 11.4	+1.2
OHAK Old Harbor	59.55 328	P	P	18 37 12.6	+2.3
baz=109					
E28M Babbage River	59.72 343	I	Amb	18 37 14.7	
comp-Z,15nm,1.1s					
E28M Babbage River	59.72 343	P	P	18 37 12.3	+0.9
baz=129,SNR=12					
HDA Harding Lake	59.76 337	I	Amb	18 37 15.9	
comp-Z,3nm,1.0s					
HDA Harding Lake	59.76 337	P	P	18 37 13.3	+1.6
baz=120					
PRP Porcupine Dome	59.81 338	P	P	18 37 13.3	+1.1
baz=122					
GDH Godhavn	59.84 16	i	P	18 37 12.0	-0.1
GDH					
comp-Z,74nm,1.4s					

IL31	59.92 337	I	Amb	18 37 16.5	
comp-Z,20nm,1.0s					
ILAR Eielsen Array	59.92 337	P	P	18 37 13.8	+1.1
comp-Z,9.9nm,0.9s					
baz=124,slow=5.4,SNR=46					
ILAR Eielsen Array	59.92 337	P	P	18 37 12.5	-0.3
comp-Z,9.9nm,0.9s					
G26K Porcupine River	60.01 340	I	Amb	18 37 17.6	
comp-Z,15nm,1.3s					
G26K Porcupine River	60.01 340	P	P	18 37 14.5	+1.2
baz=12					
E27K Coleen River	60.06 342	I	Amb	18 37 18.2	
comp-Z,27nm,1.1s					
E27K Coleen River	60.06 342	P	P	18 37 15.1	+1.4
baz=127,SNR=31					
CUT Chulitna	60.14 334	P	P	18 37 16.0	+1.6
baz=115					
MCK McKinley	60.20 336	I	Amb	18 37 13.4	-1.4
MCK					
comp-Z,13nm,1.1s					
MCK McKinley	60.20 336	P	P	18 37 13.4	-1.4
comp-Z,13nm,1.1s					
MCK McKinley	60.20 336	P	P	18 37 16.3	+1.5
comp-Z,11nm,1.2s					
WRH Wood River Hill	60.22 337	I	Amb	18 37 13.7	

23d 20h

Table of station data for 23d 20h, including columns for station name, coordinates, and various parameters like SNR and phase ID.

2020 JUN

Table of station data for 2020 JUN, including columns for station name, coordinates, and various parameters like SNR and phase ID.

AZER 23 19:14:52.7, 38.42N, 45.11E, h4km, ml2.9
NSSP 23 19:14:54.3, 38.47N, 45.13E, h10km, Ms3.0
TEH 23 19:14:56.0, 38.32N, 45.21E, h4km, 93km, ML2.8

Presumed earthquake
ISC 23 19:14:55.1, 2.38, 43N, 0.03, 45.21E, 0.03, h9km, 10km, n34, r121/61, 4C-8D, Iran-Armenia-Azerbaijan border

Table of station data for the presumed earthquake, including columns for station name, coordinates, and various parameters like SNR and phase ID.

IDC 23 19:28:21.7, 1.6, 20.80S, 168.85E, h0km, mb3.9/6, mbmp3.9/8, ML3.8/2, Error ellipse: s-maj=68.1km s-min=19.0km az=149.0
NEIC 23 19:28:22.6, 2.1, 21.30S, 0.09, 169.07E, 0.05, h10km, 1km, mb4.4/15, Error ellipse: s-maj=15.7km s-min=7.3km az=164.0

Table of station data for the IDC 23 19:28:20.4 event, including columns for station name, coordinates, and various parameters like SNR and phase ID.

1470

Table of station data for 1470, including columns for station name, coordinates, and various parameters like SNR and phase ID.

SCB 23 19:55:28.8, 1.3, 21.44S, 67.31W, h186km, 10km, ML3.7/3, Error ellipse: s-maj=5.4km s-min=3.1km az=0.0, Chile-Bolivia border region

Table of station data for SCB 23 19:55:28.8 event, including columns for station name, coordinates, and various parameters like SNR and phase ID.

IDC 23 20:06:50.6, 7.1, 0, 13.20S, 167.03E, h0km, mb3.5/3, mbmp3.5/3, MS4.4/1, Error ellipse: s-maj=1208.0km s-min=129.0km az=63.0, Vanuatu Islands

Table of station data for IDC 23 20:06:50.6 event, including columns for station name, coordinates, and various parameters like SNR and phase ID.

SJA 23 20:19:12.3, 0.8, 32.29S, 72.09W, h7km, 4km, ML4.0, MW3.7
GUC 23 20:19:17.8, 0.7, 32.27S, 71.72W, h32km, 3km, ML4.1
NEIC 23 20:19:18.6, 1.1, 32.26S, 0.03, 71.72W, 0.07, h35km, 3km, mb3.8/2, ML4.1 (GUC), Error ellipse: s-maj=8.7km s-min=4.3km az=95.0

IDC 23 20:19:21.9, 4.5, 32.41S, 71.23W, h53km, 37km, mb3.3/1, mbmp3.7/4, ML4.1/3, Error ellipse: s-maj=61.9km s-min=30.7km az=120.0

ISC 23 20:19:17.4, 1.0, 32.26S, 0.02, 71.74W, 0.04, h29km, 8km, n106, r141/153, mb4.2/3, 9C-12D, Near coast of central Chile

Table of station data for the IDC 23 20:19:17.4 event, including columns for station name, coordinates, and various parameters like SNR and phase ID.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like CO06 Fray Jorge, MT03 Universidad Ad, FCH Farellones, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like VNA2 Neumayer-Watz, SNA4 Sanae, TROLL Trol, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like JMA 23:20:26:17.8, JMA Felt II, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SDD 23:20:29:43.8, OSPL 23:20:29:45.1, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like LODOU1 El Espartillar, JIDR Jimani, etc.

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like IDC 23:20:32:09.2, MAN 23:20:32:19.0, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like PACPP Pamplona Cagay, SIPP Bryg, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like AGPR Aguadilla, AGPR Aguadilla, EMPR Esperanza, etc.

Table with columns for station name, frequency, mode, and other details. Includes stations like SABA, SDRR, LONE3, SEUS, LOV1, etc.

Table with columns for station name, frequency, mode, and other details. Includes stations like R50A, WVT, ITTB, CZSB, ATAH, etc.

Table with columns for station name, frequency, mode, and other details. Includes stations like ESDC, Waineca Array, ESDC, Soneleca Array, etc.

mB4.7/3,ML4.2/13,MLv4.0/7,Mw(mB)4.0/3,Error ellipse: s-maj=22.8km s-min=8.0km az=104.8,confirmed,North of New Zealand

Table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h s Res, ISC. Lists station data for various locations like Green Lake, Te Kaha, Waomatatini S, etc.

IDC 23 20:54:29.3,1.3,15.65N,95.86W,h0km,mb4.1/15, mbtmp=4.2/16,ML4.5/1,MS4.0/1,Error ellipse: s-maj=28.0km s-min=24.2km az=178.0

NEIC 23 20:54:31.0,2.2,15.74N,0.06,95.99W,0.05,h10km,1km, mb4.6/237,Md4.7/117(MEX),Error ellipse: s-maj=12.1km s-min=7.0km az=212.0

GCG 23 20:54:31.6,2.6,15.67N,96.06W,h21km,56km,MD5.0, ML5.0, Presumed earthquake

MEX 23 20:54:31.8,0.6,15.60N,96.03W,h14km,2km,MD4.7, ISC 23 20:54:31.0,0.8,15.68N,0.03,96.05W,0.02,h11km,5km, n417,az=16/421,mb4.6/33,Near coast of Oaxaca

Main station data table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h s Res, ISC. Lists numerous stations including Huatulco, Oaxaca, Tehuacan, etc.

Main station data table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h s Res, ISC. Lists numerous stations including Mezcala, Popocatepeti, Xalitzintla, etc.

Main station data table with columns: Code, Station Name, Az, Phase ID, Op, ISC, Time Res, h s Res, ISC. Lists numerous stations including Muleshoe, University of, W35A Tecumseh, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like HOPE Hope Point, VNA1 Neumayer-Stat, VNA3 Neumayer-Olymp, etc.

IDD 23:21:23.44.7.0.7.30.86S:177.35W, h0km, mb4.5/12, mbmp4.4/13, ML3.9/1, MS3.9/1, Error ellipse: s-maj=23.7km s-min=17.6km az=98.0

NEIC 23:21:23.46.1.2.5.30.93S:07.177.2W:0.1, h10km, 1km, mb4.8/18, Error ellipse: s-maj=107.3km s-min=10.1km az=66.0

ISC 23:21:23.45.9.0.5.30.95S:07.177.4W:0.1, h10km, n65, a1947/171, mb4.7/22.3C, Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like RAO Raoul Island, RTZ Ruatuhua, CTZ Chatham Island, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like MJAR Matushiro Arr, MJAR Matushiro Arr, PETK Petrogavlovsk, etc.

VAO 23:21:24.33.5.0.4.27.58S:69.35W, h89km, 2km, mb4.1, Presumed earthquake

SJA 23:21:24.34.9.0.5.27.56S:69.40W, h125km, ML4.1, MW4.0

IDD 23:21:24.36.1.3.0.27.62S:69.09W, h103km, 2.4km, mb3.8/6, mb1mp1.1/9, Error ellipse: s-maj=32.2km s-min=15.5km az=112.0

NEIC 23:21:24.36.6.1.8.27.57S:07.182.4W:0.06, h113km, 5km, mb4.4/6, ML4.1 (GUC), Error ellipse: s-maj=9.6km s-min=4.6km az=122.0

GUC 23:21:24.36.4.0.8.27.57S:69.45W, h121km, 7km, ML4.1

ISC 23:21:24.35.1.0.6.27.58S:07.182.4W:0.03, h106km, 5km, n136, s165/166, mb4.2/5.1C-3D, Northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like AC02 Maricunga, G003 Copiapo, AC05 El Transito, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC, h m s, ISC. Includes stations like PB14 Horco Molle, PB14 IPOC Station P, FSA Cafayete, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like WRA Warramunga Arr, WB0 Warramunga Arr, Vnda Vanda, etc.

IDC 23 22:38:03.5:1.2, 33:71Sx177:91W, h0km, mb4.6/2, mbtmp4.4/3, ML3.9/1, Error ellipse: s-maj=45.1km

NEIC 23 22:38:08.9:2.7, 33:65S:0:1x178:40W:0:06, h10km, 1km, mb4.6/10, Error ellipse: s-maj=23.4km s-min=8.6km

ISC 23 22:38:06.3:1.0, 33:45S:0:1x178:2W:0:2, h10km, n24, s=148/26, mb4.6/8, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like URZ Urewera, RTZ Ruatahuna, AS31 Alice Springs, etc.

WEL 23 22:39:12.9:0.8, 39:56S:177:7E, h22km, 10km, M2.3/6, ML2.2/8, MLv2.3/6, Error ellipse: s-maj=7.6km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KNZ Kokohu, MHGZ Mathia Peninsula, ARHZ Aropoanui, etc.

WEL 23 22:56:33.5:1.1, 33:60Sx179:01W, h0km, mb4.0/4, mbtmp1.15, ML4.3/1, MS3.2/1, Error ellipse: s-maj=34.7km

NEIC 23 22:56:36.6:1.8, 33:91S:0:10:179:1W:0:2, h10km, 1km, mb4.4/8, Error ellipse: s-maj=24.2km s-min=16.4km

WEL 23 22:56:40.5:1.1, 34:51S:117:9W:1:5, h241km, 16km, M4.5/6, Warramunga Arr, Error ellipse: s-maj=23.0km

ISC 23 22:56:36.6:0.9, 34:05S:0:09:178:9W:0:1, h10km, n51, s=259/60, mb4.2/7, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MXZ Matakaoa Point, HAZ Te Kaha, PUKIT Puketiti, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like Ruatahuna, Kokohu, Tahuroa Road, etc.

ASAR Alice Springs 42.26 271 P P 23 04 28.0 -2.4

WRR Warramunga Arr 44.24 277 P P 23 04 38.2 -1.8

WRA Warramunga Arr 43.58 276 P P 23 04 38.9 -2.1

WRA Warramunga Arr 43.58 277 P P 23 04 39.1 -2.2

WBO Warramunga Arr 43.62 277 P P 23 04 43.6

Vnda Vanda 44.40 186 P P 23 04 48.5 +1.6

VNDT Forrest 44.45 259 P P 23 04 49.2 +2.3

FORN Forrest 44.45 186 P P 23 04 46.0 -1.9

FORN Forrest 44.45 259 P P 23 04 46.4

GNRA Kununurra 50.30 278 P P 23 05 32.0 -1.7

FITZ Fitzroy Crossi 51.66 273 P P 23 05 41.8 -2.1

FITZ Fitzroy Crossi 51.66 273 P P 23 05 08.6

GNRA Kununurra 50.30 278 P P 23 05 32.0 -1.7

GNRA Kununurra 50.30 278 P P 23 05 41.8 -2.1

GNRA Kununurra 50.30 278 P P 23 05 08.6

GNRA Kununurra 50.30 278 P P 23 05 32.0 -1.7

GNRA Kununurra 50.30 278 P P 23 05 41.8 -2.1

GNRA Kununurra 50.30 278 P P 23 05 08.6

GNRA Kununurra 50.30 278 P P 23 05 32.0 -1.7

GNRA Kununurra 50.30 278 P P 23 05 41.8 -2.1

GNRA Kununurra 50.30 278 P P 23 05 08.6

GNRA Kununurra 50.30 278 P P 23 05 32.0 -1.7

GNRA Kununurra 50.30 278 P P 23 05 41.8 -2.1

GNRA Kununurra 50.30 278 P P 23 05 08.6

GNRA Kununurra 50.30 278 P P 23 05 32.0 -1.7

GNRA Kununurra 50.30 278 P P 23 05 41.8 -2.1

GNRA Kununurra 50.30 278 P P 23 05 08.6

GNRA Kununurra 50.30 278 P P 23 05 32.0 -1.7

GNRA Kununurra 50.30 278 P P 23 05 41.8 -2.1

GNRA Kununurra 50.30 278 P P 23 05 08.6

GNRA Kununurra 50.30 278 P P 23 05 32.0 -1.7

GNRA Kununurra 50.30 278 P P 23 05 41.8 -2.1

GNRA Kununurra 50.30 278 P P 23 05 08.6

GNRA Kununurra 50.30 278 P P 23 05 32.0 -1.7

GNRA Kununurra 50.30 278 P P 23 05 41.8 -2.1

GNRA Kununurra 50.30 278 P P 23 05 08.6

GNRA Kununurra 50.30 278 P P 23 05 32.0 -1.7

GNRA Kununurra 50.30 278 P P 23 05 41.8 -2.1

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ASAR Alice Springs, WRA Warramunga Arr, FINES FINESS Array B.

NNC 23 23:46:10.3:0.4, 42:95N:77:28E, h4km, 2km, mb3.0, mpv3.4, Error ellipse: s-maj=4.3km s-min=1.9km az=175.0

SOME 23 23:46:10.2, 42:93N:77:23E, h15km, KINET 23 23:46:10.3:0.1, 42:98N:77:23E, h14km, mb2.4

ISC 23 23:46:10.1:0.9, 42:93N:0:02:77:25E:0:02, h18km, 4km, n64, 40:90/114, 32C-17D, Lake Issyk-Kul region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like TNSN Tian-Shan, TNSN Tian-Shan, TNSN Tian-Shan, etc.

KOTS Kotrybulak 0.32 342 P P 23 46 17.4 0.0

KOTS Kotrybulak 0.32 342 eP P 23 46 22.5 +0.3

KOTS Kotrybulak 0.32 342 eS P 23 46 17.4 0.0

KOTS Kotrybulak 0.32 342 eS P 23 46 22.5 +0.3

KOTS Kotrybulak 0.32 342 eS P 23 46 17.4 0.0

KOTS Kotrybulak 0.32 342 eS P 23 46 22.5 +0.3

KOTS Kotrybulak 0.32 342 eS P 23 46 17.4 0.0

KOTS Kotrybulak 0.32 342 eS P 23 46 22.5 +0.3

KOTS Kotrybulak 0.32 342 eS P 23 46 17.4 0.0

KOTS Kotrybulak 0.32 342 eS P 23 46 22.5 +0.3

KOTS Kotrybulak 0.32 342 eS P 23 46 17.4 0.0

KOTS Kotrybulak 0.32 342 eS P 23 46 22.5 +0.3

KOTS Kotrybulak 0.32 342 eS P 23 46 17.4 0.0

KOTS Kotrybulak 0.32 342 eS P 23 46 22.5 +0.3

KOTS Kotrybulak 0.32 342 eS P 23 46 17.4 0.0

KOTS Kotrybulak 0.32 342 eS P 23 46 22.5 +0.3

KOTS Kotrybulak 0.32 342 eS P 23 46 17.4 0.0

KOTS Kotrybulak 0.32 342 eS P 23 46 22.5 +0.3

KOTS Kotrybulak 0.32 342 eS P 23 46 17.4 0.0

KOTS Kotrybulak 0.32 342 eS P 23 46 22.5 +0.3

KOTS Kotrybulak 0.32 342 eS P 23 46 17.4 0.0

KOTS Kotrybulak 0.32 342 eS P 23 46 22.5 +0.3

KOTS Kotrybulak 0.32 342 eS P 23 46 17.4 0.0

KOTS Kotrybulak 0.32 342 eS P 23 46 22.5 +0.3

KOTS Kotrybulak 0.32 342 eS P 23 46 17.4 0.0

KOTS Kotrybulak 0.32 342 eS P 23 46 22.5 +0.3

KOTS Kotrybulak 0.32 342 eS P 23 46 17.4 0.0

KOTS Kotrybulak 0.32 342 eS P 23 46 22.5 +0.3

KOTS Kotrybulak 0.32 342 eS P 23 46 17.4 0.0

KOTS Kotrybulak 0.32 342 eS P 23 46 22.5 +0.3

KOTS Kotrybulak 0.32 342 eS P 23 46 17.4 0.0

KOTS Kotrybulak 0.32 342 eS P 23 46 22.5 +0.3

KOTS Kotrybulak 0.32 342 eS P 23 46 17.4 0.0

KOTS Kotrybulak 0.32 342 eS P 23 46 22.5 +0.3

KOTS Kotrybulak 0.32 342 eS P 23 46 17.4 0.0

KOTS Kotrybulak 0.32 342 eS P 23 46 22.5 +0.3

KOTS Kotrybulak 0.32 342 eS P 23 46 17.4 0.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Bishkek, Sogindy, KNOS, USP, AAK, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like SKHL, REI, KUR, YUK, AKK, PETK, H1N2, etc.

DSN 23:23:55:36.2, 1.8, 28.32N, 58.04E, h10km, ML3, 1/9, Error ellipse: s-maj=28.4km s-min=15.9km az=102.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KHNJ, KBAM, IBND, GENO, CHMN, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like KDAK, OHAK, CHAK, SII, CHIR, CNPM, etc.

ANPB Aniakchak Ples 5.06 282 ChGN Chignik 5.11 276 IAML 00 12 40.3

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BERG, SPU, CKL, DIN, BMR, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like OJC, NIE, STEB, MORC, MAUC, etc.

RONA Rosalia, Austr 3.09 221 ePn Pn 00 31 18.9 +0.2

24d 2h

2020 JUN

1480

of Kermadec Islands
ISC 24.02:39.3.0.4, 33.779S, 0.05:178.36W, 0.07, h10km,
n166, c2826/164, mb4.8/34, 5D, South of Kermadec Islands

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

Table with columns: AS31, Alice Springs, ASAR, etc. Lists stations with their coordinates and parameters.

Table with columns: VYHS, Yyhne, Collm, etc. Lists stations with their coordinates and parameters.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like YUK8 Steele Glacier, M29M Somme Creek, L29M L29M, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like KDAK Kodiak Island, PMOR Pomarioro Ree, OHAK Old Harbor, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, etc. Includes entries like D25K Kavik River, M18K Stony River, CHNA Chernabura Isl, etc.

24d 3h

2020 JUN

s-maj=17.7km s-min=15.0km az=74.0
MEX 24 03:11:16.1 0.17, 15.0SN:96.46W, h5km, 7km, MD4.8
NEIC 24 03:11:20.3 1.6, 15.98N:0.04-96.00W:0.06, h10km, 1km,
m-b4.5/221, Md4.8/16(MEX), Error ellipse: s-maj=9.1km
s-min=7.3km az=266.0
ISC 24 03:11:15.0 1.8, 15.49N:0.04-96.43W:0.02, h4km, 11km,
n256, e2s20/246, mb4.5/79, MS3.8/20, Near coast of

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

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

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Bonanza Creek, Eskdalemuir Ar, Spitsbergen Ar, etc.

IDC 24 03:26:56.1±4.8, 15.16N;96.21W, hOkm, mb3.5/3, mbtmp3.6/5, ML3.8/2, MS2.9/1, Error ellipse: s-maj=83.5km s-min=21.5km az=142.0

MEX 24 03:27:00.8±0.5, 15.56N;96.53W, h21km,4km, MD4.5, NEIC 24 03:27:05.1±1.6, 15.57N;101.08-96.11W,0.05, h10km,2km, mb4.0/4.5, Md4.5/5.0(MEX), Error ellipse: s-maj=11.2km s-min=6.5km az=221.0

ISC 24 03:27:00.9±1.7, 15.56N;101.05-96.44W,0.03,h17km±11km, n107,±2515/141,mb4.0/19,Near coast of Oaxaca

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Huatulco, Puerto Escondi, Oaxaca, etc.

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

IDC 24 03:33:03.5±0.7, 32.95N;141.68E, hOkm, mb3.9/15, mbtmp3.9/19, ML3.5/4, MS3.5/2, Error ellipse: s-maj=19.6km s-min=15.5km az=65.0

NEIC 24 03:33:04.9±1.1, 32.92N;141.65E,0.07, h10km,1km, mb4.4/7.0, Error ellipse: s-maj=12.9km s-min=12.0km az=57.0

JMA 24 03:33:04.7±0.5, 33.0N;141.2E, h2km,4km, MV4.0/34, E OFF HACHUOJIMA ISLAND

NIED 24 03:33:04.7, 33.04N;141.67E, h2km, MW4.2, Moment Tensor solution. s3 Moment tensor: Scale 10^15N/m; M=0.56; Mo=0.14; M0=0.69; Mo=0.84; Mo=0.84; Mo=1.64; Fault plane solution: Mo2.11000x10^15 NP1; 0±119.00000°,±329.00000°,±15.00000°. NP2:0±16.00000°,±65.00000°,±118.00000°

ISC 24 03:33:03.3±2.5, 32.96N;141.69E,0.06, h1km±15km, n107,±1824/78,mb4.1/134,Southeast of Oahu

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Mitsune, Hachiojimakas, etc.

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

IDC 24 03:44:27.8±3.4, 15.00N;96.77W, hOkm, mb3.3/6, mbtmp3.4/8, ML3.8/2, MS3.5/2, Error ellipse: s-maj=66.6km s-min=26.2km az=13.0

MEX 24 03:44:37.0±1.6, 15.47N;96.58W, h15km,9km, MD4.4, NEIC 24 03:44:41.5±1.6, 15.78N;104.96-42W,0.06, h10km,1km, mb4.1/36, Md4.4/5.5(MEX), Error ellipse: s-maj=11.7km s-min=4.8km az=241.0

ISC 24 03:44:36.9±1.3, 15.46N;105.96-59W,0.02, h15km±7km, n107,±2504/139,mb4.1/20,Near coast of Oaxaca

Main station list table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Huatulco, Puerto Escondi, Oaxaca, etc.

24d 6h

2020 JUN

1490

ISC 24 05:25:14.9,0.8,2.95N,0.08,128.87E,0.10,h200km,n22,
c#117/26,mb4.1/12, Halmahera

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various stations like GAMI, TERNATE, SANGIHE, etc.

ISC 24 05:38:52.2,3.2,5.27N,55.90E,h0km,mb3.5/3,
mbtmp3.6/3,MS3.3/1, Error ellipse: s-maj=81.4km

TEH 24 05:36:56.3,27.36N,55.91E,h16km,38km,ML3.1,
Presumed earthquake

ISC 24 05:38:54.8,1.7,27.1N,0.2,55.83E,0.08,h14km,n13,
c#108/12,Southern Iraz

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like GENO, IBND, KHRB, etc.

SDD 24 05:40:22.6,1.0,18.10N,71.73W,h26km,4km,MD2.4,
ML1.4,MW2.9, Presumed earthquake

OSPL 24 05:40:25.4,1.6,18.33N,71.70W,h9km,4.1km,ML1.5,
Presumed earthquake

ISC 24 05:40:23.6,1.5,18.23N,0.07,71.68W,0.06,h14km,10km,
n9,c#67/15,6C-2D,Dominican Republic region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like LODOU, JIDR, NEDR, etc.

ISC 24 05:53:12.8,3.3,33.65S,178.61W,h0km,mb3.6/2,
mbtmp3.6/3,ML3.4/1, Error ellipse: s-maj=76.6km

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like RUGZ, MWZ, URZ, etc.

IDC 24 06:07:03.3,3.3,33.52S,178.55W,h0km,mb3.7/2,
mbtmp3.8/3,ML3.5/1, Error ellipse: s-maj=76.1km

WEL 24 06:07:07.4,1.3,34.52S,179.9W,4.4,h12km,M4.1/6,
mb5.5/2,ML4.0/9,MLV4.1/6,MW(m)3.6/2, Error ellipse:
s-maj=67.2km s-min=4.3km az=121.0,confirmed

ISC 24 06:07:1.2,3.3,33.6S,0.1,178.9W,0.3,h10km,n15,
c#124/26,South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like WMGZ, HAZ, PUZ, etc.

RAGZ 24 06:08:40.2,10.7,27.1N,62.05W,h62km,MD3.3, North of the
Pania peninsula,
FUNV 24 06:08:40.2,11.1,10N,60.85W,h6km,MW3.6, Presumed
earthquake

ISC 24 06:08:41.3,4.3,10.3N,0.2,62.0W,0.3,h63km,26km,n13,
c#073/25,Trinidad

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like RAGZ, RIMUH, RIGZ, etc.

TRN 24 06:08:40.2,10.7,27.1N,62.05W,h62km,MD3.3, North of the
Pania peninsula,
FUNV 24 06:08:40.2,11.1,10N,60.85W,h6km,MW3.6, Presumed
earthquake

ISC 24 06:08:41.3,4.3,10.3N,0.2,62.0W,0.3,h63km,26km,n13,
c#073/25,Trinidad

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like DMDM, PSMG, PSKM, etc.

IDC 24 06:12:38.5,0.7,33.53S,178.48W,h0km,mb4.3/9,
mbtmp4.3/1,ML4.2/2, Error ellipse: s-maj=26.7km

WEL 24 06:12:40.1,0.8,33.59S,179.9W,2.1,h12km,M4.7/13,
mb5.1/6,ML4.6/14,MLV4.1/7,MW(m)4.5/6, Error ellipse:
s-maj=29.4km s-min=4.7km az=111.6,confirmed

NEIC 24 06:12:41.6,1.4,33.71S,0.09,178.6W,0.1,h10km,1km,
mb4.5/17, Error ellipse: s-maj=19.1km s-min=14.8km
az=86.0

NOU 24 06:12:44.4,3.4,36S,177.61W,h139km,mb4.3/9, South of
Kermadec Islands

ISC 24 06:12:40.9,0.6,33.65S,0.06,178.50W,0.09,h10km,n92,
c#191/99,mb4.5/17,4C-5D,South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like GLKZ, MXZ, MXX, etc.

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

DZM 24 06:12:40.9,0.6,33.65S,0.06,178.50W,0.09,h10km,n92,
c#191/99,mb4.5/17,4C-5D,South of Kermadec Islands

EIDS 24 06:12:40.9,0.6,33.65S,0.06,178.50W,0.09,h10km,n92,
c#191/99,mb4.5/17,4C-5D,South of Kermadec Islands

CTA 24 06:12:40.9,0.6,33.65S,0.06,178.50W,0.09,h10km,n92,
c#191/99,mb4.5/17,4C-5D,South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like CTAO, BBOW, COEN, etc.

WRA 24 06:12:40.9,0.6,33.65S,0.06,178.50W,0.09,h10km,n92,
c#191/99,mb4.5/17,4C-5D,South of Kermadec Islands

WBR 24 06:12:40.9,0.6,33.65S,0.06,178.50W,0.09,h10km,n92,
c#191/99,mb4.5/17,4C-5D,South of Kermadec Islands

VNDA 24 06:12:40.9,0.6,33.65S,0.06,178.50W,0.09,h10km,n92,
c#191/99,mb4.5/17,4C-5D,South of Kermadec Islands

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

TROLL 24 06:12:40.9,0.6,33.65S,0.06,178.50W,0.09,h10km,n92,
c#191/99,mb4.5/17,4C-5D,South of Kermadec Islands

TROLL 24 06:12:40.9,0.6,33.65S,0.06,178.50W,0.09,h10km,n92,
c#191/99,mb4.5/17,4C-5D,South of Kermadec Islands

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

VNA3 24 06:12:40.9,0.6,33.65S,0.06,178.50W,0.09,h10km,n92,
c#191/99,mb4.5/17,4C-5D,South of Kermadec Islands

VNA2 24 06:12:40.9,0.6,33.65S,0.06,178.50W,0.09,h10km,n92,
c#191/99,mb4.5/17,4C-5D,South of Kermadec Islands

VNA1 24 06:12:40.9,0.6,33.65S,0.06,178.50W,0.09,h10km,n92,
c#191/99,mb4.5/17,4C-5D,South of Kermadec Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists stations like VNA1, VNA1, VNA1, etc.

KBZ 24 06:12:40.9,0.6,33.65S,0.06,178.50W,0.09,h10km,n92,
c#191/99,mb4.5/17,4C-5D,South of Kermadec Islands

FINES 24 06:12:40.9,0.6,33.65S,0.06,178.50W,0.09,h10km,n92,
c#191/99,mb4.5/17,4C-5D,South of Kermadec Islands

MMAI 24 06:12:40.9,0.6,33.65S,0.06,178.50W,0.09,h10km,n92,
c#191/99,mb4.5/17,4C-5D,South of Kermadec Islands

NOA 24 06:12:40.9,0.6,33.65S,0.06,178.50W,0.09,h10km,n92,
c#191/99,mb4.5/17,4C-5D,South of Kermadec Islands

HFS 24 06:12:40.9,0.6,33.65S,0.06,178.50W,0.09,h10km,n92,
c#191/99,mb4.5/17,4C-5D,South of Kermadec Islands

NACGM 24 06:12:40.9,0.6,33.65S,0.06,178.50W,0.09,h10km,n92,
c#191/99,mb4.5/17,4C-5D,South of Kermadec Islands

AKASE 24 06:12:40.9,0.6,33.65S,0.06,178.50W,0.09,h10km,n92,
c#191/99,mb4.5/17,4C-5D,South of Kermadec Islands

BRTR 24 06:12:40.9,0.6,33.65S,0.06,178.50W,0.09,h10km,n92,
c#191/99,mb4.5/17,4C-5D,South of Kermadec Islands

BRTR 24 06:12:40.9,0.6,33.65S,0.06,178.50W,0.09,h10km,n92,
c#191/99,mb4.5/17,4C-5D,South of Kermadec Islands

TORD 24 06:12:40.9,0.6,33.65S,0.06,178.50W,0.09,h10km,n92,
c#191/99,mb4.5/17,4C-5D,South of Kermadec Islands

NEIC 24 06:36:47.4,1.4,17.92N,0.05,66.83W,0.03,h21km,5km,
ML3.7/35,MD3.4/12(RSPR), Error ellipse: s-maj=7.5km

RSRP 24 06:36:48.7,1.7,99N,66.83W,h16km,MD3.4/12

OSPL 24 06:36:48.7,1.7,99N,66.83W,h16km,MD3.4/12

PTWC 24 06:36:48.7,1.7,99N,66.83W,h16km,MD3.4/12

SDD 24 06:36:47.5,0.9,17.93N,0.04,66.80W,0.02,h20km,1km,
n74,c#122/105,16C-15D,Puerto Rico region

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

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res, ISC. Includes stations like Maguveys Islan, Cerrillos, Cabo Rojo, etc.

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

IDC 24 06:41:02.6, 0.6, 33.81S, 178.37W, h0km, mb4.3/8, mbmp4.3/10, ML4.2/2, MS3.4/5, Error ellipse: s-maj=22.3km, s-min=20.9km, az=64.0

Table with columns: Code, Station Name, Az, El, P, Q, R, S, T, U, V, W, X, Y, Z, Time, Res, ISC. Includes stations like Raoul Island, Matakaoa Point, etc.

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

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

24d 8h

2020 JUN

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Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like U33K Whale Pass, S34M Telegraph Creek, DLBC Dease Lake, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like G25K Bearman Lake, H24K Noodor Dome, F26K Shekoko River, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like HAZ Te Kaha, HAZ Tauwharepareae, RWGZ Raukumara Rang, etc.

ADC 24 08:14:01.9, 3.0, 33.615s, 178.00W, h0km, mb3.9/2, mbtmp3.9/3, ML3.4/1, Error ellipse: s-maj=75.8km s-min=46.9km az=130.0, WEL 24 08:14:05.2, 1.3, 34.3s, 15.1, 17.9W, 1.4, h12km, MA.2.7, WEL 24 08:14:04.6, 1.8, 34.0S, 0.1, 177.9W, 1.1, h10km, n20, c112/29, 2C, South of Kermadec Islands

ADC 24 08:28:30.7, 1.5, 16.965s, 174.75E, h0km, mb3.4/3, mbtmp3.4/4, ML4.5/1, MS3.3/8, Error ellipse: s-maj=64.7km s-min=27.0km az=172.0, Fiji Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like MSVF Nonsavu, MSVF Kura Array, DZM Mont Dzumac, etc.

ADC 24 08:35:35.2, 1.5, 34.58N, 25.22E, h0km, mb3.6/5, mbtmp3.5/7, ML3.5/2, MS2.6/11, Error ellipse: s-maj=35.3km s-min=22.7km az=144.0

ATH 24 08:35:44.5, 34.53N, 25.61E, h17km, 6km, ML2.8/6, Latitude uncertainty: 38 km; Longitude uncertainty: 22 km THE 24 08:35:45.5, 35.1N, 12.2E, h8km, 9km, M2.7/6, MLh2.7/6

ISC 24 08:35:39.5, 3.2, 34.2N, 0.2, 25.62E, 0.04, h11km, 17km, n24, c119/23, mb3.5/4, Crete

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like ZKR Zakros, NPS Neapolis, SIVA Sivas, etc.

KRSC 24 08:39:05.8, 1.5, 50.48N, 157.57E, h43km, 22km, MI4.0, Kuril Islands

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC. Includes stations like SKR Severo-Kuril's, PAU Puzhetka, KDR Khodutka, etc.

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JAK7	Kamikawa-asahi	30.09 356	P	P	10 39 10.6 +0.2
NJ2	Nanjing	30.12 311	eP	pmax	10 39 11.4 +0.6
MTN	comp=Z,1.5nm,0.7s				
MTN	Maniton Dam	30.16 208	P	I Amb	10 39 10.6 -0.7
USA08	Ussuriysk Arra	32.16 342	P	P	10 39 27.3 -1.3
USRK	Ussuriysk Ar.	32.16 342	P	P	10 39 29.4 +0.7
YSS	comp=Z,4.8nm,0.8s				
YSS	Yuzhno-Sakhali	32.91 357	P	I Amb	10 39 33.8 -1.3
KNRA	comp=Z,7.7nm,1.0s				
KNRA	Kunuruna	33.73 210	P	I Amb	10 39 40.4 -2.2
CTA	comp=Z,6.8nm,1.0s				
CTA	Charters Tower	33.90 178	P	P	10 39 43.8 -0.3
CTA	comp=Z,3.0nm,0.8s				
CTA	comp=Z,2.1nm,1.8s				
CTA	Charters Tower	33.90 178	P	P	10 39 44.3 +0.3
CTA	comp=Z,3.0nm,0.8s				
BNX	comp=Z,6.9nm,1.0s				
BNX	BinXian	35.05 338	I P	pmax	10 39 54.6 +0.9
WB0	comp=Z,12nm,0.0s				
WB0	Warramunga Arr	35.25 198	P	I Amb	10 39 55.2 -0.5
WR8	comp=Z,9.7nm,0.7s				
WR8	Warramunga Arr	35.39 198	P	I Amb	10 39 56.8 -0.1
WRAB	comp=Z,8.1nm,0.6s				
WRAB	Tennant Creek	35.42 198	P	I Amb	10 39 56.8 -0.3
WRA	comp=Z,8.4nm,0.7s				
WRA	Warramunga Arr	35.43 198	P	P	10 39 56.9 -0.4
WRA	comp=Z,7.5nm,0.6s				
WRA	comp=Z,0.3nm,0.7s				
WRA	comp=Z,1.0nm,1.0s				
WRA	comp=Z,7.5nm,0.6s				
WRA	Warramunga Arr	35.43 198	P	P	10 39 55.4 -1.8
SANVU	Saraoutou	36.41 143	P	I Amb	10 40 05.2 -0.4
SANVU	comp=Z,7.2nm,1.0s				
FITZ	Fitzroy Cross	37.34 212	P	P	10 40 14.3 +0.8
HEH	HeiHe	38.97 342	eP	pmax	10 40 26.9 0.0
HEH	comp=Z,1.5nm,1.0s				
AS31	Alice Springs	39.07 197	P	P	10 40 28.7 +0.7
ASAR	Alice Springs	39.08 197	P	P	10 40 27.6 -0.4
ASAR	comp=Z,2.4nm,0.7s				
ASAR	comp=Z,0.7nm,1.1s				
ASAR	Alice Springs	39.08 197	P	P	10 40 27.9 -0.2
HHC	Hu-ho-hao-te	39.73 319	eP	pmax	10 40 33.6 +0.1
HHC	comp=Z,7.0nm,0.6s				
HHC	comp=Z,4.5nm,5.6s				
PETK	Petropavlovsk-	40.22 12	P	P	10 40 37.1 -0.1
PETK	comp=Z,1.5nm,0.6s				
PETK	Petropavlovsk-	40.22 12	P	P	10 40 37.5 +0.3
HILR	Hailar Array B	41.16 335	P	P	10 40 46.0 +0.9
HILR	comp=Z,1.4nm,0.4s				
HILR	comp=Z,96nm,20.3s				
LZDM	Lanzhou Array	43.16 308	P	P	10 41 01.8 -0.1
LZDM	comp=Z,1.3nm,0.3s				
ARMA	Armidale	44.59 172	P	I Amb	10 41 13.1 +0.1
ARMA	comp=Z,8.2nm,1.1s				
CMAR	Chiang Mai Arr	44.65 282	P	P	10 41 14.2 +0.7
CMAR	comp=Z,1.1nm,0.4s				
CMAR	comp=Z,2.8nm,0.7s				
CMAR	Chiang Mai Arr	44.65 282	P	P	10 41 12.3 -1.2
SHEM	Shemys Is, Ala	44.90 25	P	P	10 41 16.3 +1.3
SMY	Shemys Is	44.90 25	P	P	10 41 16.4 +1.4
MA2	Magadan	45.66 4	P	P	10 41 21.1 +0.1
STKA	Stephens Creek	45.77 184	P	P	10 41 21.4 -0.7
STKA	comp=Z,4.0nm,0.9s				
ULN	Ulanbaatar	46.28 325	P	P	10 41 26.0 -0.2
SONM	Songino Array	46.63 324	P	P	10 41 29.3 +0.0
SONM	comp=Z,0.8nm,0.7s				
SONM	comp=Z,0.8nm,0.7s				
BBOO	Buckleboo	47.39 191	P	I Amb	10 41 34.9
BBOO	comp=Z,1.1nm,0.4s				
FORT	Forrest	47.53 200	P	I Amb	10 41 35.8 0.0
FORT	comp=Z,8.6nm,0.9s				
KIWB	Kanaga Island	48.23 30	P	P	10 41 41.8 +0.7
ADK	Adak	48.48 31	P	P	10 41 44.0 +1.0
ATKA	Atka Island	49.91 31	P	P	10 41 54.4 +0.5
TOO	Tooligan	51.31 190	P	P	10 41 21.9 +0.4
MORW	Morawa	51.32 213	P	I Amb	10 42 04.2 -0.6
MORW	comp=Z,8.0nm,1.1s				
SPIA	Saint Paul Is	54.60 28	P	P	10 42 28.5 0.0
SPIA	comp=Z,0.8nm,0.7s				
UNV	Unalaska Valle	54.74 33	P	I Amb	10 42 29.4 -0.1
UNV	comp=Z,7.5nm,0.8s				
UNV	Unalaska Valle	54.74 33	P	P	10 42 29.6 +0.1
LVA	Lava Point	55.13 33	P	P	10 42 32.8 +0.3
AKUT	Akutan	55.26 33	P	P	10 42 33.4 +0.2
FALS	False Pass	56.81 33	P	P	10 42 44.8 +0.5
FALS	False Pass	56.81 33	P	P	10 42 44.2 -0.1
GAMB	Gambell	57.93 21	P	P	10 42 52.0 +0.1
M11K	Mekoryuk	58.11 26	P	P	10 42 53.4 +0.1
SDPT	Sand Point	58.55 33	P	P	10 42 56.6 0.0
SDPT	Sand Point	58.55 33	P	P	10 42 56.6 0.0
CNBA	Chernabura Is	58.83 34	P	P	10 42 59.2 +0.8
CHNA	Chernabura Is	58.83 34	P	P	10 42 58.6 +0.2
M13K	Dall Lake	59.35 27	P	P	10 43 02.1 +0.2
S14K	Fog Glacier	59.39 32	P	P	10 43 02.5 +0.1
VNF9	Fog Glacier, M	59.39 32	P	P	10 43 02.7 +0.2
K13K	Kusilvak Mount	59.54 25	P	P	10 43 03.4 +0.2
O14K	Tiguykaiwet M	59.76 29	P	P	10 43 05.2 +0.4
N14K	Kuskokwak Cree	59.86 28	P	P	10 43 05.8 +0.4
CHGN	Chignik	59.99 32	P	P	10 43 06.2 -0.2
CHGN	Chignik	59.99 32	P	P	10 43 06.7 +0.4
L14K	Kuka Creek	60.08 26	P	P	10 43 07.2 +0.4
M14K	Bethel	60.12 27	P	P	10 43 07.8 +0.6
BKZ	Black Stump Fm	60.39 152	P	I Amb	10 43 09.0 -0.3
BKZ	comp=Z,6.7nm,1.1s				
O15K	Ungalikthiur R	60.40 29	P	P	10 43 09.6 +0.4
O15K	Ungalikthiur R	60.40 29	P	P	10 43 09.6 +0.4
M15K	Kasigulik River	60.65 27	P	P	10 43 11.0 +0.2
N15K	Kwetluk River	60.69 28	P	P	10 43 11.4 +0.2
L15K	Ungalak Mounta	60.74 26	P	P	10 43 11.3 -0.1
F14K	Arctic Creek	60.80 21	P	P	10 43 12.0 +0.2
K15K	Wolf Creek Mou	61.01 25	P	P	10 43 13.6 +0.3

P16K	Nushagak River	61.22 30	P	P	10 43 15.1 +0.4
CHIR	Chirikof Islan	61.30 33	P	P	10 43 15.8 +0.4
O16K	Kokwok River B	61.38 29	P	I Amb	10 43 15.6 -0.2
O16K	comp=Z,9.6nm,0.9s				
O16K	Kokwok River B	61.38 29	P	P	10 43 16.1 +0.3
N16K	Lake	61.42 28	P	P	10 43 16.2 +0.1
MKAR	Makanchi Array	61.48 316	P	P	10 43 17.3 +0.5
MKAR	comp=Z,0.6nm,0.3s				
MKAR	comp=Z,0.7nm,0.6s				
MKAR	Makanchi Array	61.48 316	P	P	10 43 17.2 +0.4
R17L	Mt. Peulik Vol	61.51 31	P	P	10 43 16.3 -0.4
F15K	North Star Dit	61.51 21	P	P	10 43 16.6 0.0
ZALV	Zalesovo Beam	61.53 324	P	P	10 43 18.0 +1.1
ZALV	comp=Z,0.8nm,0.3s				
ZALV	Zalesovo Beam	61.53 324	P	P	10 43 16.7 -0.2
M16K	Timber Creek	61.56 27	P	P	10 43 17.1 +0.2
L16K	Owhat River	61.62 26	P	P	10 43 17.5 +0.2
J16K	Anvik River	61.84 25	P	P	10 43 19.1 +0.3
O17K	Koliganek Bris	61.92 29	P	P	10 43 19.5 +0.2
Q17K	Contact Creek	61.97 31	P	P	10 43 19.9 0.0
P17K	Kvichak River	62.02 30	P	P	10 43 20.1 +0.1
I17K	Unalakleet	62.08 24	P	P	10 43 20.8 +0.4
N17K	Nushagak Hills	62.16 28	P	P	10 43 21.7 +0.7
G16K	Koyuk River	62.17 22	P	P	10 43 21.2 +0.2
SII	Sitkinak Islan	62.29 33	P	P	10 43 22.6 +0.6
L17K	Donlin	62.30 26	P	P	10 43 22.4 +0.5
M17K	Holtna River	62.38 27	P	P	10 43 23.1 +0.6
J17K	Sharp Dome	62.51 25	P	P	10 43 23.7 +0.4
Q18K	Katmai Hardscr	62.53 31	P	P	10 43 22.7 -1.0
K17K	Iditarod	62.54 26	P	P	10 43 24.1 +0.6
P18K	Big Mountain,	62.67 30	P	P	10 43 23.8 -0.7
N18K	Kilae Creek	62.81 28	P	P	10 43 25.6 +0.2
O18K	Koxtuk Hills	62.84 29	P	P	10 43 25.7 +0.2
G17K	Kiwaliw Mounta	62.85 22	P	P	10 43 25.8 +0.3
OHAK	Old Harbor	62.96 32	P	P	10 43 26.6 +0.3
L18K	Granite Mounta	63.03 26	P	P	10 43 26.9 +0.1
F17K	Baldwin Pennin	63.08 21	P	P	10 43 26.8 -0.2
D17K	Noatak River	63.10 20	P	P	10 43 27.2 +0.1
M18K	Stony River	63.13 27	P	P	10 43 27.8 +0.3
E17K	Hotham Inlet	63.20 20	P	P	10 43 28.0 +0.2
O17K	Port Alsworth	63.37 29	P	P	10 43 29.3 +0.3
C19K	DeLong Mountai	63.48 19	P	P	10 43 29.8 +0.2
KDAK	Kodiak Island	63.48 32	P	P	10 43 30.0 +0.1
N19K	Gonzana Creek	63.51 28	P	P	10 43 30.3 +0.3
H18K	Honhosa River	63.55 23	P	P	10 43 29.7 -0.5
P19K	Oli Pk	63.72 30	P	P	10 43 30.9 -0.5
G18K	Tagagawik	63.76 22	P	P	10 43 31.4 -0.1
E18K	Tukpalearik C	63.78 20	P	P	10 43 31.5 -0.2
L19K	White Mountain	63.81 27	P	P	10 43 32.0 0.0
M19K	Big River Lodg	63.92 27	P	P	10 43 32.8 +0.1
O20K	Slope Mountain	64.14 29	P	P	10 43 33.9 -0.3
J19K	Poomran	64.16 25	P	P	10 43 34.0 -0.2
C18K	Hukok River	64.19 19	P	P	10 43 34.5 +0.1
H19K	Roundabout Mou	64.43 23	P	P	10 43 35.9 0.0
G19K	Purcell Mounta	64.45 22	P	P	10 43 35.8 -0.2
M20K	Styx River	64.47 27	P	P	10 43 36.3 -0.1
HOM	Homr	64.49 30	P	P	10 43 36.5 +0.1
HOM	Homr	64.49 30	P	P	10 43 36.1 -0.2
KURK	Kurchatov	64.54 320	P	P	10 43 35.3 -1.6
K20K	Telida	64.57 26	P	P	10 43 37.2 +0.3
KURRB	Kurchatov Arra	64.58 320	P	P	10 43 36.7 -0.4
KURRB	comp=Z,2.3nm,0.7s				
KURRB	comp=Z,2.3nm,0.7s				
J20K	Nowitza River	64.83 25	P	P	10 43 38.7 +0.2
J20K	Nowitza River	64.83 25	P	P	10 43 38.3 -0.1
I20K	Naaghedeneel	64.92 24	P	P	10 43 39.1 +0.1
C19K	Lookout Ridge	64.92 19	P	P	10 43 39.0 -0.1
BRSE	Bradley Lake S	64.95 30	P	P	10 43 39.0 -0.4
E19K	Redstone River	64.95 21	P	P	10 43 39.0 -0.3
A19K	Wainwright	65.02 18	P	P	10 43 39.6 0.0
H20K	Anotleneega Mo	65.02 23	P	P	10 43 39.8 0.0
CAPN	Captain Cook N	65.04 29	P	P</	

GCG 24 11:39:31.1±2.0, 13.98N-91.69W, h38km±182km, MD4.0, ML4.0, Presumed earthquake

ISC 24 11:39:34.0±3.2, 14.0N, 02-91.6W±0.2, h32km±16km, n17, c160/22, Near coast of Guatemala

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include STGS, STG2, STGB, STG8, RTAL, RTALH, FG8, FG16, PGC5, FAME, FAME2, LOAL, LOALB, LOALC, NUBE, NUBE2, CEVE, CEVE2, JAYA, JAYA2, MTO3, MTO32, PMN, PMON.

IDC 24 11:51:44.1±0.7, 66.31N-18.79W, h0km, mb3.7/12, mbmp3.8/16, ML3.2/4, MS3.3/17, Error ellipse: s-maj=19.4km s-min=13.6km az=175.0

NEIC 24 11:51:44.6±1.2, 66.42N-18.9W±0.2, h10km±1km, mb4.1/13, Error ellipse: s-maj=16.1km s-min=6.6km az=109.0

REY 24 11:51:44.2±66.39N-18.72W, h20km ISC 24 11:51:44.4±1.6, 66.34N-18.61W±0.03, h5km±7km, n72, c137/74, mb3.9/16, MS3.3/12, ID, Iceland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ISIG, ISIG2, IGRI, IBRE, IBRE2, IHLA, IHLA2, IHEH, IGRA, IGRA2, IHRN, IHRN2, IDIM, ISKI, ISKI2, IGHA, IKVO, IKVO2, IREN, IREN2, IMEL, ISVA, ISVA2, IGRS, IGRS2, IASK, IASK2, ISTE, ISTE2, IDYN, IDYN2, BORG, BORG2, BORG3, BORG4, BORG5, BORG6, BORG7, BORG8, BORG9, BORG10, BORG11, BORG12, BORG13, BORG14, BORG15, BORG16, BORG17, BORG18, BORG19, BORG20, BORG21, BORG22, BORG23, BORG24, BORG25, BORG26, BORG27, BORG28, BORG29, BORG30, BORG31, BORG32, BORG33, BORG34, BORG35, BORG36, BORG37, BORG38, BORG39, BORG40, BORG41, BORG42, BORG43, BORG44, BORG45, BORG46, BORG47, BORG48, BORG49, BORG50, BORG51, BORG52, BORG53, BORG54, BORG55, BORG56, BORG57, BORG58, BORG59, BORG60, BORG61, BORG62, BORG63, BORG64, BORG65, BORG66, BORG67, BORG68, BORG69, BORG70, BORG71, BORG72, BORG73, BORG74, BORG75, BORG76, BORG77, BORG78, BORG79, BORG80, BORG81, BORG82, BORG83, BORG84, BORG85, BORG86, BORG87, BORG88, BORG89, BORG90, BORG91, BORG92, BORG93, BORG94, BORG95, BORG96, BORG97, BORG98, BORG99, BORG100.

Table with columns: BRTR, Keskin Array B, 39.38 106 P P, 11 59 15.6 +1.0. Rows include Keskin Array B, Khabab, Keskin Array B, Khabab.

Table with columns: D25K, Kavir River, 39.87 334 P P, 11 59 17.4 -0.9. Rows include Kavir River, Aktyubinsk, Eilson Array, Lac du Bonnet.

Table with columns: H27K, Steamboat Moun, 41.62 329 P P, 11 59 31.2 -1.6. Rows include Steamboat Moun, BVAR, GNI, GNI2.

Table with columns: H21K, Melozitna Rive, 44.27 335 P Iamb, 11 59 52.6 -1.6. Rows include Melozitna Rive, KURK, KURK2, KURK3, KURK4, KURB, KURB2.

Table with columns: PDAR, Pinedale Array, 52.11 291 P P, 12 00 55.2 -0.1. Rows include Pinedale Array, PDAR2, PDAR3, PDAR4, PDAR5, PDAR6, PDAR7, PDAR8, PDAR9, PDAR10, PDAR11, PDAR12, PDAR13, PDAR14, PDAR15, PDAR16, PDAR17, PDAR18, PDAR19, PDAR20, PDAR21, PDAR22, PDAR23, PDAR24, PDAR25, PDAR26, PDAR27, PDAR28, PDAR29, PDAR30, PDAR31, PDAR32, PDAR33, PDAR34, PDAR35, PDAR36, PDAR37, PDAR38, PDAR39, PDAR40, PDAR41, PDAR42, PDAR43, PDAR44, PDAR45, PDAR46, PDAR47, PDAR48, PDAR49, PDAR50, PDAR51, PDAR52, PDAR53, PDAR54, PDAR55, PDAR56, PDAR57, PDAR58, PDAR59, PDAR60, PDAR61, PDAR62, PDAR63, PDAR64, PDAR65, PDAR66, PDAR67, PDAR68, PDAR69, PDAR70, PDAR71, PDAR72, PDAR73, PDAR74, PDAR75, PDAR76, PDAR77, PDAR78, PDAR79, PDAR80, PDAR81, PDAR82, PDAR83, PDAR84, PDAR85, PDAR86, PDAR87, PDAR88, PDAR89, PDAR90, PDAR91, PDAR92, PDAR93, PDAR94, PDAR95, PDAR96, PDAR97, PDAR98, PDAR99, PDAR100.

Table with columns: TXAR, Lajitas Array, 61.55 278 P P, 12 02 02.6 +0.3. Rows include Lajitas Array, TXAR2, TXAR3, TXAR4, TXAR5, TXAR6, TXAR7, TXAR8, TXAR9, TXAR10, TXAR11, TXAR12, TXAR13, TXAR14, TXAR15, TXAR16, TXAR17, TXAR18, TXAR19, TXAR20, TXAR21, TXAR22, TXAR23, TXAR24, TXAR25, TXAR26, TXAR27, TXAR28, TXAR29, TXAR30, TXAR31, TXAR32, TXAR33, TXAR34, TXAR35, TXAR36, TXAR37, TXAR38, TXAR39, TXAR40, TXAR41, TXAR42, TXAR43, TXAR44, TXAR45, TXAR46, TXAR47, TXAR48, TXAR49, TXAR50, TXAR51, TXAR52, TXAR53, TXAR54, TXAR55, TXAR56, TXAR57, TXAR58, TXAR59, TXAR60, TXAR61, TXAR62, TXAR63, TXAR64, TXAR65, TXAR66, TXAR67, TXAR68, TXAR69, TXAR70, TXAR71, TXAR72, TXAR73, TXAR74, TXAR75, TXAR76, TXAR77, TXAR78, TXAR79, TXAR80, TXAR81, TXAR82, TXAR83, TXAR84, TXAR85, TXAR86, TXAR87, TXAR88, TXAR89, TXAR90, TXAR91, TXAR92, TXAR93, TXAR94, TXAR95, TXAR96, TXAR97, TXAR98, TXAR99, TXAR100.

Table with columns: WRA, Warramunga Arr, 26.53 156 P P, 12 06 28.8 +0.2. Rows include Warramunga Arr, ASAR, ASAR2, ASAR3, ASAR4, ASAR5, ASAR6, ASAR7, ASAR8, ASAR9, ASAR10, ASAR11, ASAR12, ASAR13, ASAR14, ASAR15, ASAR16, ASAR17, ASAR18, ASAR19, ASAR20, ASAR21, ASAR22, ASAR23, ASAR24, ASAR25, ASAR26, ASAR27, ASAR28, ASAR29, ASAR30, ASAR31, ASAR32, ASAR33, ASAR34, ASAR35, ASAR36, ASAR37, ASAR38, ASAR39, ASAR40, ASAR41, ASAR42, ASAR43, ASAR44, ASAR45, ASAR46, ASAR47, ASAR48, ASAR49, ASAR50, ASAR51, ASAR52, ASAR53, ASAR54, ASAR55, ASAR56, ASAR57, ASAR58, ASAR59, ASAR60, ASAR61, ASAR62, ASAR63, ASAR64, ASAR65, ASAR66, ASAR67, ASAR68, ASAR69, ASAR70, ASAR71, ASAR72, ASAR73, ASAR74, ASAR75, ASAR76, ASAR77, ASAR78, ASAR79, ASAR80, ASAR81, ASAR82, ASAR83, ASAR84, ASAR85, ASAR86, ASAR87, ASAR88, ASAR89, ASAR90, ASAR91, ASAR92, ASAR93, ASAR94, ASAR95, ASAR96, ASAR97, ASAR98, ASAR99, ASAR100.

Table with columns: IDC 24 12:10:36.3±0.8, 6.16N-72.94W, h197km±5km, mb3.0/6, mbmp3.6/7, Error ellipse: s-maj=26.1km s-min=8.4km az=132.0

Table with columns: RNSC 24 12:10:37.4±0.0, 6.1N-7.3W±, h193km±2km, M3.5, mb4.0, mb5.3, ML3.1, Mw(mb)5.3

Table with columns: FUNV 24 12:10:44.6±6.9, 9N-73.04W, h5km, MW2.9, Presumed

Table with columns: IDC 24 12:10:36.3±0.7, 6.30N-0.03-73.04W±0.04, h195km±5km, n46, c182/79, mb3.1/6, Northern Colombia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include BARC, BARC2, BARC3, BARC4, BARC5, BARC6, BARC7, BARC8, BARC9, BARC10, BARC11, BARC12, BARC13, BARC14, BARC15, BARC16, BARC17, BARC18, BARC19, BARC20, BARC21, BARC22, BARC23, BARC24, BARC25, BARC26, BARC27, BARC28, BARC29, BARC30, BARC31, BARC32, BARC33, BARC34, BARC35, BARC36, BARC37, BARC38, BARC39, BARC40, BARC41, BARC42, BARC43, BARC44, BARC45, BARC46, BARC47, BARC48, BARC49, BARC50, BARC51, BARC52, BARC53, BARC54, BARC55, BARC56, BARC57, BARC58, BARC59, BARC60, BARC61, BARC62, BARC63, BARC64, BARC65, BARC66, BARC67, BARC68, BARC69, BARC70, BARC71, BARC72, BARC73, BARC74, BARC75, BARC76, BARC77, BARC78, BARC79, BARC80, BARC81, BARC82, BARC83, BARC84, BARC85, BARC86, BARC87, BARC88, BARC89, BARC90, BARC91, BARC92, BARC93, BARC94, BARC95, BARC96, BARC97, BARC98, BARC99, BARC100.

Table with columns: POPC, Popayan, Colom, 5.20 224 P Pn, 12 11 54.0 +0.5. Rows include Popayan, FLOC, FLOC2, FLOC3, FLOC4, FLOC5, FLOC6, FLOC7, FLOC8, FLOC9, FLOC10, FLOC11, FLOC12, FLOC13, FLOC14, FLOC15, FLOC16, FLOC17, FLOC18, FLOC19, FLOC20, FLOC21, FLOC22, FLOC23, FLOC24, FLOC25, FLOC26, FLOC27, FLOC28, FLOC29, FLOC30, FLOC31, FLOC32, FLOC33, FLOC34, FLOC35, FLOC36, FLOC37, FLOC38, FLOC39, FLOC40, FLOC41, FLOC42, FLOC43, FLOC44, FLOC45, FLOC46, FLOC47, FLOC48, FLOC49, FLOC50, FLOC51, FLOC52, FLOC53, FLOC54, FLOC55, FLOC56, FLOC57, FLOC58, FLOC59, FLOC60, FLOC61, FLOC62, FLOC63, FLOC64, FLOC65, FLOC66, FLOC67, FLOC68, FLOC69, FLOC70, FLOC71, FLOC72, FLOC73, FLOC74, FLOC75, FLOC76, FLOC77, FLOC78, FLOC79, FLOC80, FLOC81, FLOC82, FLOC83, FLOC84, FLOC85, FLOC86, FLOC87, FLOC88, FLOC89, FLOC90, FLOC91, FLOC92, FLOC93, FLOC94, FLOC95, FLOC96, FLOC97, FLOC98, FLOC99, FLOC100.

Table with columns: URIC, Uribia, Colom, 5.36 209 P Pn, 12 11 56.3 +0.9. Rows include Uribia, URIC2, URIC3, URIC4, URIC5, URIC6, URIC7, URIC8, URIC9, URIC10, URIC11, URIC12, URIC13, URIC14, URIC15, URIC16, URIC17, URIC18, URIC19, URIC20, URIC21, URIC22, URIC23, URIC24, URIC25, URIC26, URIC27, URIC28, URIC29, URIC30, URIC31, URIC32, URIC33, URIC34, URIC35, URIC36, URIC37, URIC38, URIC39, URIC40, URIC41, URIC42, URIC43, URIC44, URIC45, URIC46, URIC47, URIC48, URIC49, URIC50, URIC51, URIC52, URIC53, URIC54, URIC55, URIC56, URIC57, URIC58, URIC59, URIC60, URIC61, URIC62, URIC63, URIC64, URIC65, URIC66, URIC67, URIC68, URIC69, URIC70, URIC71, URIC72, URIC73, URIC74, URIC75, URIC76, URIC77, URIC78, URIC79, URIC80, URIC81, URIC82, URIC83, URIC84, URIC85, URIC86, URIC87, URIC88, URIC89, URIC90, URIC91, URIC92, URIC93, URIC94, URIC95, URIC96, URIC97, URIC98, URIC99, URIC100.

Table with columns: PDAR, Pinedale Array, 48.54 324 P P, 12 19 01.7 +1.6. Rows include Pinedale Array, SCHO, SCHO2, SCHO3, SCHO4, SCHO5, SCHO6, SCHO7, SCHO8, SCHO9, SCHO10, SCHO11, SCHO12, SCHO13, SCHO14, SCHO15, SCHO16, SCHO17, SCHO18, SCHO19, SCHO20, SCHO21, SCHO22, SCHO23, SCHO24, SCHO25, SCHO26, SCHO27, SCHO28, SCHO29, SCHO30, SCHO31, SCHO32, SCHO33, SCHO34, SCHO35, SCHO36, SCHO37, SCHO38, SCHO39, SCHO40, SCHO41, SCHO42, SCHO43, SCHO44, SCHO45, SCHO46, SCHO47, SCHO48, SCHO49, SCHO50, SCHO51, SCHO52, SCHO53, SCHO54, SCHO55, SCHO56, SCHO57, SCHO58, SCHO59, SCHO60, SCHO61, SCHO62, SCHO63, SCHO64, SCHO65, SCHO66, SCHO67, SCHO68, SCHO69, SCHO70, SCHO71, SCHO72, SCHO73, SCHO74, SCHO75, SCHO76, SCHO77, SCHO78, SCHO79, SCHO80, SCHO81, SCHO82, SCHO83, SCHO84, SCHO85, SCHO86, SCHO87, SCHO88, SCHO89, SCHO90, SCHO91, SCHO92, SCHO93, SCHO94, SCHO95, SCHO96, SCHO97, SCHO98, SCHO99, SCHO100.

Table with columns: NVAR, Mina Array Bea, 51.90 315 P P, 12 19 27.0 +1.5. Rows include Mina Array Bea, YKA, YKA2, YKA3, YKA4, YKA5, YKA6, YKA7, YKA8, YKA9, YKA10, YKA11, YKA12, YKA13, YKA14, YKA15, YKA16, YKA17, YKA18, YKA19, YKA20, YKA21, YKA22, YKA23, YKA24, YKA25, YKA26, YKA27, YKA28, YKA29, YKA30, YKA31, YKA32, YKA33, YKA34, YKA35, YKA36, YKA37, YKA38, YKA39, YKA40, YKA41, YKA42, YKA43, YKA44, YKA45, YKA46, YKA47, YKA48, YKA49, YKA50, YKA51, YKA52, YKA53, YKA54, YKA55, YKA56, YKA57, YKA58, YKA59, YKA60, YKA61, YKA62, YKA63, YKA64, YKA65, YKA66, YKA67, YKA68, YKA69, YKA70, YKA71, YKA72, YKA73, YKA74, YKA75, YKA76, YKA77, YKA78, YKA79, YKA80, YKA81, YKA82, YKA83, YKA84, YKA85, YKA86, YKA87, YKA88, YKA89, YKA90, YKA91, YKA92, YKA93, YKA94, YKA95, YKA96, YKA97, YKA98, YKA99, YKA100.

Table with columns: ILAR, Warramunga Arr, 150.15 240 PKPbc, 12 22 09.9 0.0. Rows include Warramunga Arr, MKAR, MKAR2, MKAR3, MKAR4, MKAR5, MKAR6, MKAR7, MKAR8, MKAR9, MKAR10, MKAR11, MKAR12, MKAR13, MKAR14, MKAR15, MKAR16, MKAR17, MKAR18, MKAR19, MKAR20, MKAR21, MKAR22, MKAR23, MKAR24, MKAR25, MKAR26, MKAR27, MKAR28, MKAR29, MKAR30, MKAR31, MKAR32, MKAR33, MKAR34, MKAR35, MKAR36, MKAR37, MKAR38, MKAR39, MKAR40, MKAR41, MKAR42, MKAR43, MKAR44, MKAR45, MKAR46, MKAR47, MKAR48, MKAR49, MKAR50, MKAR51, MKAR52, MKAR53, MKAR54, MKAR55, MKAR56, MKAR57, MKAR58, MKAR59, MKAR60, MKAR61, MKAR62, MKAR63, MKAR64, MKAR65, MKAR66, MKAR67, MKAR68, MKAR69, MKAR70, MKAR71, MKAR72, MKAR73, MKAR74, MKAR75, MKAR76, MKAR77, MKAR78, MKAR79, MKAR80, MKAR81, MKAR82, MKAR83, MKAR84, MKAR85, MKAR86, MKAR87, MKAR88, MKAR89, MKAR90, MKAR91, MKAR92, MKAR93, MKAR94, MKAR95, MKAR96, MKAR97, MKAR98, MKAR99, MKAR100.

Table with columns: IDC 24 12:12:44.8±1.5, 34.24N-25.53E, h0km, mb3.5/6, mbmp3.5/7, ML4.1/1, Error ellipse: s-maj=43.2km s-min=23.5km az=150.0

Table with columns: ATH 24 12:12:48.1, 34.22N-25.73E, h29km±14km, ML2.8/5, Latitude uncertainty: 3 km; Longitude uncertainty: 1 km

Table with columns: IDC 24 12:12:47.1±2.1, 34.21N-0.08-25.63E±0.04, h16km±12km, n21, c0563/31, mb3.6/5, Crete

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include ZKR, ZKR2, ZKR3, ZKR4, ZKR5, ZKR6, ZKR7, ZKR8, ZKR9, ZKR10, ZKR11, ZKR12, ZKR13, ZKR14, ZKR15, ZKR16, ZKR17, ZKR18, ZKR19, ZKR20, ZKR21, ZKR22, ZKR23, ZKR24, ZKR25, ZKR26, ZKR27, ZKR28, ZKR29, ZKR30, ZKR31, ZKR32, ZKR33, ZKR34, ZKR35, ZKR36, ZKR37, ZKR38, ZKR39, ZKR40, ZKR41, ZKR42, ZKR43, ZKR44, ZKR45, ZKR46, ZKR47, ZKR48, ZKR49, ZKR50, ZKR51, ZKR52, ZKR53, ZKR54, ZKR55, ZKR56, ZKR57, ZKR58, ZKR59, ZKR60, ZKR61, ZKR62, ZKR63, ZKR64, ZKR65, ZKR66, ZKR67, ZKR68, ZKR69, ZKR70, ZKR71, ZKR72, ZKR73, ZKR74, ZKR75, ZKR76, ZKR77, ZKR78, ZKR79, ZKR80, ZKR81, ZKR82, ZKR83, ZKR84, ZKR85, ZKR86, ZKR87, ZKR88, ZKR89, ZKR90, ZKR91, ZKR92, ZKR93, ZKR94, ZKR95, ZKR96, ZKR97, ZKR98, ZKR99, ZKR100.

Table with columns: ESCD, Sonsea Array, 24.22 292 P, 12 18 03.1 0.0. Rows include Sonsea Array, FINES, FINES2, FINES3, FINES4, FINES5, FINES6, FINES7, FINES8, FINES9, FINES10, FINES11, FINES12, FINES13, FINES14, FINES15, FINES16, FINES17, FINES18, FINES19, FINES20, FINES21, FINES22, FINES23, FINES24, FINES25, FINES26, FINES27, FINES28, FINES29, FINES30, FINES31, FINES32, FINES33, FINES34, FINES35, FINES36, FINES37, FINES38, FINES39, FINES40, FINES41, FINES42, FINES43, FINES44, FINES45, FINES46, FINES47, FINES48, FINES49, FINES50, FINES51, FINES52, FINES53, FINES54, FINES55, FINES56, FINES57, FINES58, FINES59, FINES60, FINES61, FINES62, FINES63, FINES64, FINES65, FINES66, FINES67, FINES68, FINES69, FINES70, FINES71, FINES72, FINES73, FINES74, FINES75, FINES76, FINES77, FINES78, FINES79, FINES80, FINES81, FINES82, FINES83, FINES84, FINES85, FINES86, FINES87, FINES88, FINES89, FINES90, FINES91, FINES92, FINES93, FINES94, FINES95, FINES96, FINES97, FINES98, FINES99, FINES100.

Table with columns: IDC 24 12:13:27.1±1.8, 5.95S-0.4-150.8E±0.3, h43km±n6, c090/7, mb3.6/4, New Britain region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include PMG, Port Moresby, 5.03 226 P, 12 14 41.4 +1.3. Rows include Port Moresby, WRA, WRA2, WRA3, WRA4, WRA5, WRA6, WRA7, WRA8, WRA9, WRA10, WRA11, WRA12, WRA13, WRA14, WRA15, WRA16, WRA17, WRA18, WRA19, WRA20, WRA21, WRA22, WRA23, WRA24, WRA25, WRA26, WRA27, WRA28, WRA29, WRA30, WRA31, WRA32, WRA33, WRA34, WRA35, WRA36, WRA37, WRA38, WRA39, WRA40, WRA41, WRA42, WRA43, WRA44, WRA45, WRA46, WRA47, WRA48, WRA49, WRA50, WRA51, WRA52, WRA53, WRA54, WRA55, WRA56, WRA57, WRA58, WRA59, WRA60, WRA61, WRA62, WRA63, WRA64, WRA65, WRA66, WRA67, WRA68, WRA69, WRA70, WRA71, WRA72, WRA73, WRA74, WRA75, WRA76, WRA77, WRA78, WRA79, WRA80, WRA81, WRA82, WRA83, WRA84, WRA85, WRA86, WRA87, WRA88, WRA89, WRA90, WRA91, WRA92, WRA93, WRA94, WRA95, WRA96, WRA97, WRA98, WRA99, WRA100.

Table with columns: ASAR, Alice Springs, 24.02 221 P, 12 18 38.3 0.0. Rows include Alice Springs, FITZ, FITZ2, FITZ3, FITZ4, FITZ5, FITZ6, FITZ7, FITZ8, FITZ9, FITZ10, FITZ11, FITZ12, FITZ13, FITZ14, FITZ15, FITZ16, FITZ17, FITZ18, FITZ19, FITZ20, FITZ21, FITZ22, FITZ23, FITZ24, FITZ25, FITZ26, FITZ27, FITZ28, FITZ29, FITZ30, FITZ31, FITZ32, FITZ33, FITZ34, FITZ35, FITZ36, FITZ37, FITZ38, FITZ39, FITZ40, FITZ41, FITZ42, FITZ43, FITZ44, FITZ45, FITZ46, FITZ47, FITZ48, FITZ49, FITZ50, FITZ51, FITZ52, FITZ53, FITZ54, FITZ55, FITZ56, FITZ57, FITZ58, FITZ59, FITZ60, FITZ61, FITZ62, FITZ63, FITZ64, FITZ65, FITZ66, FITZ67, FITZ68, FITZ69, FITZ70, FITZ71, FITZ72, FITZ73, FITZ74, FITZ75, FITZ76, FITZ77, FITZ78, FITZ79, FITZ80, FITZ81, FITZ82, FITZ83, FITZ84, FITZ85, FITZ86, FITZ87, FITZ88, FITZ89, FITZ90, FITZ91, FITZ92, FITZ93, FITZ94, FITZ95, FITZ96, FITZ97, FITZ98, FITZ99, FITZ100.

Table with columns: TORO, Torodi Ar, Bea, 148.74 286 PKPbc, 12 33 10.7 -0.3. Rows include Torodi Ar, BUJ, BUJ2, BUJ3, BUJ4, BUJ5, BUJ6, BUJ7, BUJ8, BUJ9, BUJ10, BUJ11, BUJ12, BUJ13, BUJ14, BUJ15, BUJ16, BUJ17, BUJ18, BUJ19, BUJ20, BUJ21, BUJ22, BUJ23, BUJ24, BUJ25, BUJ26, BUJ27, BUJ28, BUJ29, BUJ30, BUJ31, BUJ32, BUJ33, BUJ34, BUJ35, BUJ36, BUJ37, BUJ38, BUJ39, BUJ40, BUJ41, BUJ42, BUJ43, BUJ44, BUJ45, BUJ46, BUJ47, BUJ48, BUJ49, BUJ50, BUJ51, BUJ52, BUJ53, BUJ54, BUJ55, BUJ56, BUJ57, BUJ58, BUJ59, BUJ60, BUJ61, BUJ62, BUJ63, BUJ64, BUJ65, BUJ66, BUJ67, BUJ68, BUJ69, BUJ70, BUJ71, BUJ72, BUJ73, BUJ74, BUJ75, BUJ76, BUJ77, BUJ78, BUJ79, BUJ80, BUJ81, BUJ82, BUJ83, BUJ84, BUJ85, BUJ86, BUJ87, BUJ88, BUJ89, BUJ90, BUJ91, BUJ92, BUJ93, BUJ94, BUJ95, BUJ96, BUJ97, BUJ98, BUJ99, BUJ100.

Table with columns: IDC 24 12:14:52.1±0.6, 5.68S-153.53E, h0km, mb4.5/24, mbmp4.5/26, ML3.1/2, MS4.0/40, Error ellipse: s-maj=20.3km s-min=11.5km az=89.0

Table with columns: DJA 24 12:14:55.2±0.4, 6.5S-15.4E±, h10km, M5.0/13, mb4.7/13, mb5.4/4, MLv5.2/1, Mw(mb)4.8/4

Table with columns: GCMT 24 12:14:52.0±0.3, 5.89S-153.39E±0.02, h21km±1km, MW4.9/86, Moment Tensor Solution. s40,c46; s86,c117; Duration: 0 Moment tensor. Scale 1018Nm; Mr2.46t.14; M0-1.06t.08; M1-1.00t.09; M2-1.69t.13; M3-0.72t.05; M4-1.45t.11; Best double couple: Mo2.98300x1016 NP1=0.308,00000; s24,00000; s94,00000; NP2=0.123,00000; s66,00000; s88,00000; Principal axes: T 3.2220, P1669.0000, Azm30.0000; N -0.4770, P162.0000; Azm124.0000; P -2.7450, P161.0000; Azm125.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Table with columns: IDC 24 12:14:52.0±0.3, 5.81S-153.77E±0.06, h10km±n51, c121/130, mb4.8/59, MS4.1/4, 1C-2D, New Ireland region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Rows include RABL, Rabaul, 2.28 315 Op, 12 15 29.8 -0.5. Rows include Rabaul, RABL2, RABL3, RABL4, RABL5, RABL6, RABL7, RABL8, RABL9, RABL10, RABL11, RABL12, RABL13, RABL14, RABL15, RABL16, RABL17, RABL18, RABL19, RABL20, RABL21, RABL22, RABL23, RABL24, RABL25, RABL26, RABL27, RABL28, RABL29, RABL30, RABL31, RABL32, RABL33, RABL34, RABL35, RABL36, RABL37, RABL38, RABL39, RABL40, RABL41, RABL42, RABL43, RABL44, RABL45, RABL46, RABL47, RABL48, RABL49, RABL50, RABL51, RABL52, RABL53, RABL54, RABL55, RABL56, RABL57, RABL58, RABL59, RABL60, RABL61, RABL62, RABL63, RABL64, RABL65, RABL66, RABL67, RABL68, RABL69, RABL70, RABL71, RABL72, RABL73, RABL74, RABL75, RABL76, RABL77, RABL78, RABL79, RABL80, RABL81, RABL82, RABL83, RABL84, RABL85, RABL86, RABL87, RABL88, RABL89, RABL90, RABL91, RABL92, RABL93, RABL94, RABL95, RABL96, RABL97, RABL98, RABL99, RABL100.

24d 14h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PISAGUA, IPOC Station P, and various other codes.

NEIC 24 13:49:23.9, 2.1, 33.50N, 0.08, 71.45E, 0.06, h10km, 1km, mb4.3/23, Error ellipse: s-maj=14.3km s-min=5.9km az=205.0

IDC 24 13:49:24.7, 0.9, 33.56N, 71.16E, h0km, mb3.8/13, mbtmp3.8/18, ML3.6/5, MS3.0/1, Error ellipse: s-maj=22.0km s-min=17.3km az=51.0

NDI 24 13:49:27.6, 1.8, 33.11N, 70.92E, h10km, ML4.0, MW3.7, Presumed earthquake

ISC 24 13:49:23.9, 0.5, 33.44N, 0.06, 71.35E, 0.04, h10km, n78, c=170/82, mb4.0/23, Pakistan

Main table of station data for the 24d 14h period, including station names, coordinates, and seismic data.

2020 JUN

Main table of station data for the 2020 JUN period, including station names, coordinates, and seismic data.

1502

Main table of station data for the 1502 period, including station names, coordinates, and seismic data.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like KDak Kodiak Island, N18K Kilae Creek, ILSW Iliamna Southw, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like M27K Edge Creek, BC01 Beaver Creek, O28M Mount Upton, etc.

IDC 24 14:36:58.2±1.4, 33°46'S:178°17'W, h0km, mb4 2/4, mbmp4.2/5, ML3.5/1, Error ellipse: s-maj=35.6km s-min=27.4km az=96.0

NEIC 24 14:37:00.4±1.1, 33°55'0":178°1W:0.2, h10km, 1km, mb4.5/14, Error ellipse: s-maj=24.0km s-min=21.1km az=81.0

ISC 24 14:36:59.7±0.8, 33°50'S:0°08'178°1W:0.1, h10km, n27, 0°57'12", mb4.5/10, South of Kermadec Islands

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

IDC 24 14:51:19.2±1.6, 16°75'S:74°11'W, h0km, mb3.8/3, mbmp3.7/5, ML3.3/2, Error ellipse: s-maj=63.0km s-min=25.8km az=13.0

ISC 24 14:51:20.4±1.5, 16°9'S:0°47'3W:0.1, h10km, n14, 0°17'8", Near coast of Peru

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like LPaz La Paz, Siv San Ignacio, H03N1 Juan Fernandez, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like mb4.3/40, Error ellipse: s-maj=14.1km s-min=12.3km az=207.0, NRS Narsarsuaq, ANGG Ammassalik, etc.

IDC 24 14:58:05.8±0.6, 56°57'N:34°39'W, h0km, mb4.1/23, mbmp4.1/27, ML3.5/4, MS3.9/11, Error ellipse: s-maj=19.0km s-min=11.3km az=7.0

NEIC 24 14:58:07.5±1.3, 56°16'N:0°04'34'W:0.1, h10km, 1km, mb4.6/23, Error ellipse: s-maj=11.9km s-min=5.0km az=120.0

GFZ 24 14:58:08.6, 56°41'N:34°45'W, h10km, MW4.7, Moment Tensor Solution. s88 Moment tensor: Mr=1.31; Mw=0.37; M0=0.94; M1=0.12; M2=0.14; M3=0.32; Fault plane solution: NP1=165.00000°, 836.00000°, -1.87.00000°, Principal axes: T 1.0300, Plg8.0000, Azm256.0000; N 0.3300, Plg1.0000, Azm166.0000; P -1.3600, Plg1.0000; Azm67.0000

GCMT 24 14:58:08.6±0.2, 56°57'N:34°36'W:0.03, h12km, s109.8/19, Moment Tensor Solution. s14.18; M10.9, c151; Duration: 0 Moment tensor: Scale 10^16Nm; Mr=1.54±0.05; Mw=0.20±0.07; M0=1.35±0.04; Mw=0.31±0.25; Mw=0.40±0.04; Mw=0.12±0.23; Best double couple: M01.728000x10^16 NP1=329.00000°, 835.00000°, -1.15.00000°. NP2=179.00000°, 859.00000°, -1.74.00000°. Principal axes: T 1.6280, Plg13.0000, Azm257.0000; N 0.2080, Plg14.0000, Azm350.0000; P -1.8280, Plg71.0000, Azm126.0000; 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, Az', Phase ID, Time, Res, ISC. Includes stations like Code Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Code Station Name, Az, Az', Phase ID, Time, Res, ISC.

24d 14h

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like SFJD Kangerlussuaq, ILULI Ilulissat, and various regional stations.

2020 JUN

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like FINES FINESS Array B, STAL STALIGAL, and various regional stations.

1504

Table with columns for station ID, name, frequency, power, and other technical details. Includes stations like G29M Pine Creek, E27K Coleen River, and various regional stations.

Table with columns: ID, Name, Az, El, Dist, AzG, ElG, DistG, AzR, ElR, DistR, AzS, ElS, DistS, AzM, ElM, DistM, AzC, ElC, DistC, AzD, ElD, DistD, AzE, ElE, DistE, AzF, ElF, DistF, AzG, ElG, DistG, AzH, ElH, DistH, AzI, ElI, DistI, AzJ, ElJ, DistJ, AzK, ElK, DistK, AzL, ElL, DistL, AzM, ElM, DistM, AzN, ElN, DistN, AzO, ElO, DistO, AzP, ElP, DistP, AzQ, ElQ, DistQ, AzR, ElR, DistR, AzS, ElS, DistS, AzT, ElT, DistT, AzU, ElU, DistU, AzV, ElV, DistV, AzW, ElW, DistW, AzX, ElX, DistX, AzY, ElY, DistY, AzZ, ElZ, DistZ.

Table with columns: ID, Name, Az, El, Dist, AzG, ElG, DistG, AzR, ElR, DistR, AzS, ElS, DistS, AzM, ElM, DistM, AzC, ElC, DistC, AzD, ElD, DistD, AzE, ElE, DistE, AzF, ElF, DistF, AzG, ElG, DistG, AzH, ElH, DistH, AzI, ElI, DistI, AzJ, ElJ, DistJ, AzK, ElK, DistK, AzL, ElL, DistL, AzM, ElM, DistM, AzN, ElN, DistN, AzO, ElO, DistO, AzP, ElP, DistP, AzQ, ElQ, DistQ, AzR, ElR, DistR, AzS, ElS, DistS, AzT, ElT, DistT, AzU, ElU, DistU, AzV, ElV, DistV, AzW, ElW, DistW, AzX, ElX, DistX, AzY, ElY, DistY, AzZ, ElZ, DistZ.

Table with columns: ID, Name, Az, El, Dist, AzG, ElG, DistG, AzR, ElR, DistR, AzS, ElS, DistS, AzM, ElM, DistM, AzC, ElC, DistC, AzD, ElD, DistD, AzE, ElE, DistE, AzF, ElF, DistF, AzG, ElG, DistG, AzH, ElH, DistH, AzI, ElI, DistI, AzJ, ElJ, DistJ, AzK, ElK, DistK, AzL, ElL, DistL, AzM, ElM, DistM, AzN, ElN, DistN, AzO, ElO, DistO, AzP, ElP, DistP, AzQ, ElQ, DistQ, AzR, ElR, DistR, AzS, ElS, DistS, AzT, ElT, DistT, AzU, ElU, DistU, AzV, ElV, DistV, AzW, ElW, DistW, AzX, ElX, DistX, AzY, ElY, DistY, AzZ, ElZ, DistZ.

IDD 24 15:07:38.4 ± 1.4, 34°10'N; 26°06'E, h0km, mb3.6/6, mbmp3.59, ML3.7/3, MS3.2/1, Error ellipse: s-maj=35.3km s-min=23.8km az=151.0
ATH 24 15:07:39.9, 34°37'N; 25°84'E, h7km±2km, ML3.1/6, Latitude uncertainty: 3 km; Longitude uncertainty: 1 km
THE 24 15:07:43.0, 35°N; 5°26'E, h0km±5km, M3.0/8, ML3.3/8
ISC 24 15:07:39.7 ± 1.7, 34°38'N; 0°06'25.87"E; 0.04, h8km±11.0km, n35, ±0.91/45, mb3.4/5, Crete

1507

Table with columns: ID, Name, Comp, Time, Speed, Accuracy, Status, and other details. Includes entries like NBPS Pedro II - PI, MLDN Muldoon, SPB Sao Paulo, etc.

2020 JUN

Table with columns: ID, Name, Comp, Time, Speed, Accuracy, Status, and other details. Includes entries like CROK Carrier, PAL Palisades, PAL Palisades, etc.

24d 15h

Table with columns: ID, Name, Comp, Time, Speed, Accuracy, Status, and other details. Includes entries like PDAR comp=2.8,5nm,0.7s, bazz=126,slow=9.1,SNR=68, etc.

WRAK	Wrangell Isian	72.76 332	P	P	15 49 43.6 +0.9
DLBC	Dease Lake	72.80 334	P	P	15 49 44.1 +1.1
U33K	Whale Pass	72.98 331	P	P	15 49 44.7 +0.7
S34M	Telegraph Cree	73.00 333	P	P	15 49 45.1 +1.0
ILULI	Ilulissat	73.02 10	i P	IAMB	15 49 43.2 -0.8
ANGG	Ammassalik, Gr	73.05 16	i P	IAMB	15 49 43.7 -0.6
DBIC	Dimbokro	73.07 83	P	P	15 49 45.4 -0.1
DBIC	Dimbokro	73.07 83	P	P	15 50 29.5 +1.1
DBIC	Dimbokro	73.07 83	P	P	15 49 44.9 -0.6
DBIC	Dimbokro	73.07 83	P	P	15 49 44.9 -0.6
DBIC	Dimbokro	73.07 83	P	P	15 49 45.6 +0.1
DBIC	Dimbokro	73.07 83	P	P	15 50 29.4 +1.0
WRGLY	Wrigley	73.19 340	P	P	15 49 45.7 +0.5
WTLY	Watson Lake, Y	73.24 336	P	P	15 49 46.2 +0.7
SAQQ	Saqqaaq	73.59 9	i P	IAMB	15 49 46.7 -0.7
R33M	Jennings River	73.73 335	P	P	15 49 49.4 +0.8
TGTN	Hyland Airport	73.86 337	P	P	15 49 50.6 +1.4
Q32M	Nakina River	74.06 334	P	P	15 49 51.7 +1.1
S32K	Killisnoo	74.35 332	P	P	15 49 53.1 +1.1
SAATT	Saattut	74.36 9	i P	IAMB	15 49 50.6 -1.2
MORF	Marletele	74.41 51	eP	P	15 50 37.7 +1.7
PTEO	Sao Teotonio	74.42 50	eP	P	15 50 37.1 +1.2
SIT	Sitka	74.50 331	P	P	15 49 54.8 +1.9
JIS	Juneau Island	74.66 333	P	P	15 49 55.0 +1.2
R32K	Eaglecrest	74.72 333	P	P	15 49 55.3 +1.2
NUUG	Nuugaatsiaq	74.79 8	i P	IAMB	15 49 53.6 -0.7
MOE	Montemor	74.95 49	eP	P	15 50 38.2 -0.9
PBDV	Barranco-do-Ve	74.95 51	eP	P	15 50 40.3 +1.1
P33M	Teslin, Yukon	74.96 335	P	P	15 49 56.5 +0.8
BESE	Bessie Mountai	75.03 333	IAMB	IAMB	15 49 58.2
P32M	Atlin	75.03 334	P	P	15 49 56.8 +0.9
PVAQ	Vaqueiros	75.16 51	eP	P	15 50 40.2 -0.1
PMTG	Montargil	75.18 49	eP	P	15 50 40.9 +0.5
PBEJ	Beja	75.19 50	eP	P	15 50 41.4 +0.9
EVO	Evora	75.20 49	eP	P	15 50 41.3 +0.8
PCAS	Casimilo, Conde	75.22 48	eP	P	15 50 41.6 +1.0
PARRA	Arraioles	75.25 49	eP	P	15 50 41.0 +0.1
PSARD	Sardaoal	75.36 48	eP	P	15 50 41.8 +0.3
SS1K	Pelican	75.37 332	P	P	15 49 59.0 +1.2
PTO	Porto	75.43 47	eP	P	15 50 42.4 +0.6
UPNV	Upnevik	75.57 6	i P	IAMB	15 49 59.2 -0.6
N32M	Quiet Lake	75.57 336	P	P	15 50 00.1 +1.1
PESTR	Estremoz	75.61 49	eP	P	15 50 43.9 +1.0
MMPY	Sheldon Lake	75.64 337	IAMB	IAMB	15 50 01.6
MMPY	Sheldon Lake	75.64 337	P	P	15 50 00.6 +1.2
PMVS	Viseu	75.78 47	eP	P	15 50 44.5 +0.2
PBAR	Barrancos	75.86 50	eP	P	15 50 45.5 +1.1
PGAV	Gaveira, Arco	75.89 46	eP	P	15 50 44.9 +0.3
PMRV	Marvão?	75.89 49	eP	P	15 50 44.9 +0.3
PCBR	Castelo Branco	75.93 48	eP	P	15 50 45.2 +0.5
PCAB	Cabril	76.00 46	eP	P	15 50 45.4 +0.2
MTE	Manteigas	76.02 48	eP	P	15 50 45.6 +0.2
WHY	Whitehorse	76.07 335	P	P	15 50 02.4 +0.4
POLO	Lamas de Olo	76.08 47	eP	P	15 50 46.3 +0.6
PLBC	Pleasant Camp	76.14 333	P	P	15 50 03.4 +1.2
MD01	Midelt array	76.56 56	P	P	15 50 04.9 -0.4
MVO	Moncorvo	76.59 47	eP	P	15 50 03.3 +0.7
SOEG	Soedalen	76.73 16	i P	IAMB	15 50 05.5 +0.8
O30N	Mendenhall	76.65 335	IAMB	IAMB	15 50 07.9
O30N	Mendenhall	76.65 335	P	P	15 50 06.1 +1.0
M31M	Drury Creek, Y	76.65 336	P	P	15 50 06.2 +1.1
MDT	Midelt	76.67 56	P	P	15 50 06.2 +0.2
P30M	Million Dollar	76.72 334	P	P	15 50 06.8 +1.2
P29M	Windy Craggy	76.84 333	IAMB	IAMB	15 50 08.2
P29M	Windy Craggy	76.84 333	P	P	15 50 07.3 +1.1
N31M	Braeburn, Yuko	76.86 335	P	P	15 50 07.3 +1.0
PBRG	Braganca	76.95 46	eP	P	15 50 51.5 +0.8
KULLO	Kullorsuaq	77.14 5	i P	IAMB	15 50 07.0 -0.5
HYT	Haines Junction	77.28 334	P	P	15 50 10.0 +1.3
N30M	Aishikik Lake	77.40 335	IAMB	IAMB	15 50 11.7
N30M	Aishikik Lake	77.40 335	P	P	15 50 10.8 +1.4
C36M	Paulatuk	77.47 345	P	P	15 50 11.3 +1.9
O29M	Mount Kennedy	77.52 334	P	P	15 50 11.1 +1.0
ACRG	Accra	77.62 84	P	P	15 50 10.8 -0.7
YUK6	Outpost Mounta	77.71 334	P	P	15 50 12.7 +1.4
M30M	Minto, Yukon	77.81 336	IAMB	IAMB	15 50 13.3
M30M	Minto, Yukon	77.81 336	P	P	15 50 12.2 +0.6
YUK4	Talbot Arm	78.01 334	P	P	15 50 14.2 +1.3
SUMG	Summit	78.13 11	P	P	15 50 12.7 -0.9
SUMG	Summit	78.13 11	P	P	15 50 12.7 -0.9
SUMG	Summit	78.13 11	i P	IAMB	15 50 13.2 -0.3
SUMG	Summit	78.13 11	P	P	15 50 14.5
PINM	Pinacle	78.18 333	P	P	15 50 14.9 +1.2
BRWY	Burwash Landin	78.19 334	P	P	15 50 14.6 +0.9
PAB	San Pablo	78.21 49	P	P	15 50 14.3 0.0
PAB	San Pablo	78.21 49	P	P	15 50 14.3 0.0
PAB	San Pablo	78.21 49	P	P	15 50 14.3 0.0
M29M	Somme Creek	78.43 336	IAMB	IAMB	15 50 17.2
M29M	Somme Creek	78.43 336	P	P	15 50 16.3 +1.2
O28M	Mount Upton	78.44 334	P	P	15 50 16.3 +0.9
YUK8	Steele Glacier	78.47 334	P	P	15 50 16.4 +0.9
H31M	Peel River	78.50 339	IAMB	IAMB	15 50 17.2

H31M	Peel River	78.50 339	P	P	15 50 16.3 +1.0
ESDC	Sonsea Array	78.53 49	P	P	15 50 16.2 +0.2
ESDC	Sonsea Array	78.53 49	P	P	15 51 00.3 +0.7
ESDC	Sonsea Array	78.53 49	P	P	15 50 15.0 -1.0
J30M	Hart River	78.60 338	P	P	15 50 16.9 +0.9
L29M	L29M	78.60 336	P	P	15 50 16.8 +0.9
K29M	Barlow Dome	78.70 337	P	P	15 50 17.2 +0.7
PUH	Pauahi	78.78 290	P	P	15 50 19.0 +0.6
I30M	Mount Dempster	78.94 338	IAMB	IAMB	15 50 19.7
I30M	Mount Dempster	78.94 338	P	P	15 50 18.7 +0.9
YUK3	Moose Creek	78.98 334	P	P	15 50 19.0 +0.8
G31M	Satah River	79.07 340	P	P	15 50 19.0 +0.8
F31M	Tsigehtohic	79.17 341	IAMB	IAMB	15 50 20.4
F31M	Tsigehtohic	79.17 341	P	P	15 50 19.5 +0.7
BVCV	Beaver Creek	79.42 335	P	P	15 50 21.4 +1.1
BELA	Belragno 2	79.45 172	IAMB	IAMB	15 50 22.4
A36M	Sachs Harbour	79.53 346	IAMB	IAMB	15 50 21.8
A36M	Sachs Harbour	79.53 346	P	P	15 50 20.5 -0.2
DAWY	Dawson	79.54 337	P	P	15 50 21.3 +0.3
INUV	Inuvik	79.56 342	P	P	15 50 21.5 +0.6
TGL	Tana Glacier	79.62 333	IAMB	IAMB	15 50 23.4
EPYK	Eagle Plains	79.62 339	IAMB	IAMB	15 50 23.1
EPYK	Eagle Plains	79.62 339	P	P	15 50 22.1 +0.7
I29M	Ogilvie Camp	79.72 338	P	P	15 50 22.4 +0.6
IWEX	Carrickbyrne	79.73 36	P	P	15 50 20.9 -1.3
CRQE	Crucifix	79.74 333	P	P	15 50 22.7 +0.5
G30M	Atoh Zraii Nij	79.76 340	P	P	15 50 22.2 +0.1
CRQM	Cirque	79.76 333	IAMB	IAMB	15 50 24.1
M27K	Edge Creek, AK	79.83 335	IAMB	IAMB	15 50 24.8
M27K	Edge Creek, AK	79.83 335	P	P	15 50 23.5 +0.8
BERG	Berg Lake	79.88 333	IAMB	IAMB	15 50 25.0
F30M	Barrier River	79.93 341	IAMB	IAMB	15 50 24.6
F30M	Barrier River	79.93 341	P	P	15 50 23.8 +0.8
MCARA	McCarthy VSAT	79.95 334	IAMB	IAMB	15 50 26.1
MCARA	McCarthy VSAT	79.95 334	P	P	15 50 24.3 +1.1
TORD	Torodi Ar. Bea	79.96 76	P	P	15 50 23.8 -0.4
TORD	Torodi Ar. Bea	79.96 76	P	P	15 51 07.7 -0.1
TORD	Torodi Ar. Bea	79.96 76	P	P	16 00 11.3 -2.4
TORD	Torodi Ar. Bea	79.96 76	P	P	16 09 08.4 +0.3
TORD	Torodi Ar. Bea	79.96 76	P	P	15 50 23.2 -1.0
KAIM	Kayak Island	80.04 332	P	P	15 50 24.7 +1.0
VRDI	Verde Repeter	80.08 333	IAMB	IAMB	15 50 25.9
CCA1	Carmenelles	80.08 38	eP	P	15 50 24.1 0.0
BCAR	Beaver Creek A	80.08 335	P	P	15 50 24.2 +0.3
IDGL	Inch Island, C	80.10 33	P	P	15 50 24.7 +0.6
H29M	Whitstone	80.14 339	IAMB	IAMB	15 50 25.9
H29M	Whitstone	80.14 339	P	P	15 50 24.9 +0.8
DSB	Dublin	80.21 35	P	P	15 50 25.2 +0.5
GLB	Gilghina Butte	80.32 334	IAMB	IAMB	15 50 27.0
RAG3	Ragged Mountain	80.33 332	IAMB	IAMB	15 50 27.3
M26K	Nabesna, AK	80.33 335	P	P	15 50 25.7 +0.5
G29M	Pine Creek	80.34 340	P	P	15 50 25.9 +0.7
I28M	Miner Creek	80.36 338	P	P	15 50 26.1 +0.7
NEEM	North Greenlan	80.38 6	i P	P	15 50 25.3 -0.2
ILTH	Belurgran, Co L	80.45 35	P	P	15 50 26.7 +0.8
BLMR	Bremner River	80.50 333	P	P	15 50 26.8 +0.6
SCO	Scoresbysund	80.67 16	P	P	15 50 26.6 -0.2
SCO	Scoresbysund	80.67 16	P	P	15 50 26.6 -0.2
SCO	Scoresbysund	80.67 16	i P	IAMB	15 50 26.9 +0.1
L26K	Log Cabin Wild	80.72 335	P	P	15 50 28.0 +0.7
N25K	Chitina, Valde	80.73 334	P	P	15 50 28.0 +0.6
Q23K	Middleton Isla	80.79 331	P	P	15 50 28.3 +0.7
EYAK	Cordova Ski Ar	80.88 332	P	P	15 50 28.5 +0.4
E29M	Blow River	81.00 341	IAMB	IAMB	15 50 30.1
E29M	Blow River	81.00 341	P	P	15 50 29.1 +0.5
I27K	Kandik River	81.06 338	IAMB	IAMB	15 50 29.6 +0.5
I27K	Kandik River	81.06 338	P	P	15 50 29.6 +0.5
HARP	HARP	81.26 334	P	P	15 50 30.9 +0.8
KLU	Klutina	81.28 333	P	P	15 50 29.9 -0.5
KLU	Klutina	81.28 333	IAMB	IAMB	15 50 32.3
KLU	Klutina	81.28 333	P	P	15 50 30.7 +0.3
H27K	Steamboat Moun	81.29 338	P	P	15 50 30.6 +0.4
F28M	Old Crow	81.31 340	P	P	15 50 30.5 +0.2
SCRK	Sand Creek	81.35 336	IAMB	IAMB	15 50 32.2
SCRK	Sand Creek	81.35 336	P	P	15 50 31.1 +0.4
VNA3	Neumayer Olymp	81.42 162	U P	P	15 50 31.8 +0.9
P23K	Montague Isian	81.48 332	P	P	15 50 31.3 0.0
I26K	Coal Creek Min	81.53 337	P	P	15 50 31.5 0.0
G27K	Doyon Strip	81.58 339	P	P	15 50 31.8 0.0
GAL1	Galloway	81.59 34	eP	P	15 50 31.5 -0.4
PAX	Paxson	81.60 335	IAMB	IAMB	15 50 33.1
PAX	Paxson	81.60 335	P	P	15 50 32.0 0.0
M24K	Tolsona, Glenn	81.61 334	P	P	15 50 32.7 +0.7
RIDG	Independent Ri	81.61 336	IAMB	IAMB	15 50 33.6
RIDG	Independent Ri	81.61 336	P	P	15 50 32.6 +0.6

GLI	Glacier Island	81.62 332	P	P	15 50 31.8 -0.2
E28M	Babbage River	81.64 341	P	P	15 50 32.0 0.0
VNA1	Neumayer-Stat	81.66 162	U P	P	15 50 33.5 +1.5
KIP	Kipapa	81.69 292	eP	P	15 50 32.4 -0.8
D28M	Stokes Point	81.72 342	P	P	15 50 33.0 +0.7
KPL	Plocton	81.75 31	eP	IAMB	15 50 31.8 -0.9
MCH1	Michaelchurch	81.88 37	eP	IAMB	15 50 33.3 -0.3
NEWG	New Galloway	81.92 34	eP	IAMB	15 50 33.2 -0.5
MONM	Monmouth	81.96 37	eP	IAMB	15 50 33.4 -0.6
FOEL	Foel Wylla	81.97 36	eP	IAMB	15 50 34.1 +0.1
VNA2	Neumayer-Watz	82.02 162	U P	P	15 50 34.8 +0.8
K24K	Dorothy Dome	82.03 335	P	P	15 50 34.5 +0.4
SCM	Sheep Creek Mo	82.03 333	P	P	15 50 34.1 -0.2
SCM	Sheep Creek Mo	82.03 333	P	P	15 50 35.6
SCM	Sheep Creek Mo	82.03 333	P	P	15 50 34.1 -0.2
SCM	Sheep Creek Mo	82.03 333	P	P	15 50 34.7

H24K	Noodor Dome	83.56 337	P	P	15 50 42.5 +0.5
SNAA	Sanae	83.64 162	pP	P	15 50 43.1 +0.8
SNAA	Sanae	83.64 162	P	P	15 50 43.2 +0.8
SNAA	Sanae	83.64 162	pP	pP	15 51 28.2 +1.8
SNAA	Sanae	83.64 162	P	P	15 50 42.7 +0.4
SNAA	Sanae	83.64 162	I Amb	I Amb	15 50 44.3
SNAA	Sanae	83.64 162	i P	P	15 50 43.3 +0.9
SNAA	Sanae	83.64 162	pmax	pmax	
NEA2	Nenana	83.64 336	P	P	15 50 42.7 +0.3
G24K	Hadweznic Riv	83.68 338	P	P	15 50 43.5 +0.9
OHAK	Old Harbor	83.69 328	P	P	15 50 42.8 +0.1
L22K	Petersville	83.78 333	I Amb	I Amb	15 50 44.2
L22K	Petersville	83.78 333	P	P	15 50 43.2 0.0
TRF	Thorofare Moun	83.83 334	P	P	15 50 43.6 +0.1
C26K	Camden Bay	83.93 341	P	P	15 50 44.9 +1.2
I23K	Minto, Yukon-K	83.93 336	P	P	15 50 44.2 +0.4
O20K	Slope Mountain	84.02 331	P	P	15 50 44.6 +0.1
SII	Sitkinak Island	84.03 327	P	P	15 50 44.6 +0.1
SPCR	Spurr Chakacha	84.09 332	P	P	15 50 44.8 -0.1
F24K	Squaw Lake	84.10 339	P	P	15 50 45.8 +1.0
D25K	Kavik River	84.19 341	I Amb	I Amb	15 50 46.8
D25K	Kavik River	84.19 341	P	P	15 50 45.8 +0.7
H23K	Yukon River	84.20 337	P	P	15 50 45.4 +0.1
P19K	Oil Pit	84.22 330	P	P	15 50 45.3 -0.1
ILSW	Ilimna Southw	84.25 331	I Amb	I Amb	15 50 46.4
Q19K	Cape Douglas,	84.26 330	I Amb	I Amb	15 50 46.5
Q19K	Cape Douglas,	84.26 330	P	P	15 50 45.6 -0.1
TAM	Tamanrasset	84.30 67	P	P	15 50 47.4 +0.6
TAM	Tamanrasset	84.30 67	P	P	15 50 47.4 +0.6
TAM	Tamanrasset	84.30 67	pP	pP	15 50 48.3 +1.5
TAM	Tamanrasset	84.30 67	pP	pP	15 51 32.2 +1.2
MLY	Manley	84.45 336	I Amb	I Amb	15 50 47.7
MLY	Manley	84.45 336	P	P	15 50 46.6 0.0
CLF	Chambon-Foret	84.46 42	P	P	15 50 46.6 -0.2
E24K	Your Creek	84.50 339	P	P	15 50 47.4 +0.6
PPLA	Purkeypile	84.51 334	P	P	15 50 47.2 +0.2
CAST	Castle Rocks	84.59 334	P	P	15 50 47.2 -0.1
G23K	Bananza Creek	84.65 338	P	P	15 50 48.5 +1.0
CHIR	Chirikof Island	84.67 326	P	P	15 50 48.7 +1.0
M20K	Styx River	84.69 333	P	P	15 50 47.7 -0.1
CHUM	Lake Minkomun	84.81 335	P	P	15 50 48.2 0.0
DAG	Danmarks Havn	84.81 11	i P	P	15 50 48.1 0.0
DAG	Danmarks Havn	84.81 11	I Amb	I Amb	15 50 48.6
COLD	Coldfoot	84.87 338	P	P	15 50 49.8 +1.3
O19K	Port Alsworth	84.87 331	P	P	15 50 47.9 -0.7
Q18K	Katmai Hardscr	84.89 329	P	P	15 50 48.5 -0.5
E23K	Chandalar	84.90 339	P	P	15 50 49.5 +0.7
H22K	Ishlaltina Cre	84.95 337	P	P	15 50 48.9 -0.1
D24K	Happy Valley	84.96 340	P	P	15 50 49.4 +0.5
D24K	Happy Valley	84.96 340	P	P	15 50 49.4 +0.5
I21K	Tanana	85.00 336	P	P	15 50 49.0 -0.2
TOLK	Toolik Lake Re	85.06 340	P	P	15 50 49.9 +0.4
N19K	Bonanza Creek	85.08 331	P	P	15 50 49.3 -0.5
C24K	Franklin Bluff	85.09 341	P	P	15 50 50.3 +0.8
P18K	Big Mountain,	85.15 330	P	P	15 50 49.4 -0.7
O18K	Koktuh Hills	85.24 330	P	P	15 50 50.2 -0.3
Q17K	Contact Creek	85.27 329	P	P	15 50 50.5 -0.3
M19K	Big River Lodg	85.27 332	I Amb	I Amb	15 50 51.7
M19K	Big River Lodg	85.27 332	P	P	15 50 50.6 -0.1
G22K	Bettle	85.27 338	P	P	15 50 51.2 +0.7
TROLL	Troll, Antarti	85.35 162	pP	P	15 50 52.2 +1.1
R17L	Mt. Peulik Vol	85.40 328	P	P	15 50 51.6 +0.2
K20K	Telida	85.45 334	P	P	15 50 51.3 -0.2
H21K	Melozitna Riv	85.46 336	P	P	15 50 51.3 -0.2
D23K	Nanushuk River	85.54 340	I Amb	I Amb	15 50 54.1
D23K	Nanushuk River	85.54 340	P	P	15 50 53.1 +1.2
L19K	White Mountain	85.55 333	I Amb	I Amb	15 50 52.8
L19K	White Mountain	85.55 333	P	P	15 50 51.7 -0.3
SSB	Saint Sauveur	85.65 45	I Amb	I Amb	15 51 38.9
J20K	Novinta River	85.66 335	I Amb	I Amb	15 50 53.4
J20K	Novinta River	85.66 335	P	P	15 50 52.4 -0.2
F22K	John River	85.68 338	P	P	15 50 53.5 +0.9
E22K	Anaktuvuk Pass	85.71 339	P	P	15 50 53.3 +0.5
P17K	Kvichak River	85.73 330	P	P	15 50 52.8 -0.1
N18K	Kilae Creek	85.73 331	I Amb	I Amb	15 50 54.4
N18K	Kilae Creek	85.73 331	P	P	15 50 52.7 -0.3
Q16K	King Salmon	85.74 329	P	P	15 50 53.1 +0.1
C23K	Ikiklik River	85.76 341	P	P	15 50 53.0 +0.1
C23K	Ikiklik River	85.76 341	P	P	15 50 53.6 +0.8
M18K	Stony River	85.86 332	P	P	15 50 53.0 -0.5
G21K	Atlakaket	85.94 337	P	P	15 50 54.3 +0.4
I20K	Naaghedeneel	85.94 335	P	P	15 50 53.8 -0.1
F21K	Alatna River	86.10 338	I Amb	I Amb	15 50 56.6
F21K	Alatna River	86.10 338	P	P	15 50 55.5 +0.9
O17K	Kolliganek Bris	86.16 330	P	P	15 50 55.0 0.0
UCC	Ucane	86.26 39	dP	P	15 50 55.5 +0.1
H20K	Anotleneega Mo	86.26 336	P	P	15 50 55.7 +0.3

J19K	Poorman	86.28 334	P	P	15 50 55.3 -0.2
DOU	Dourbes	86.27 40	dP	P	15 50 56.2 +0.4
DOU	Dourbes	86.27 40	pP	pP	15 51 40.0 -0.1
CHGN	Chignik	86.29 327	I Amb	I Amb	15 50 56.6
CHGN	Chignik	86.29 327	P	P	15 50 55.4 -0.3
N17K	Nushagak Hills	86.33 331	P	P	15 50 55.8 -0.1
L18K	Granite Mounta	86.40 333	P	P	15 50 56.0 -0.1
BMRD	Maredous	86.40 40	dP	P	15 50 57.0 +0.6
P16K	Nushagak River	86.49 329	P	P	15 50 56.7 +0.1
E21K	Kilik River	86.56 339	I Amb	I Amb	15 50 58.5
E21K	Kilik River	86.56 339	P	P	15 50 57.3 +0.4
M17K	Holitna River	86.60 332	I Amb	I Amb	15 50 58.4
M17K	Holitna River	86.60 332	P	P	15 50 57.3 +0.1
BGES	Gevses	86.61 39	dP	P	15 50 57.6 +0.1
O16K	Kokwok River B	86.63 330	I Amb	I Amb	15 50 57.9
O16K	Kokwok River B	86.63 330	P	P	15 50 56.8 -0.5
RCHB	Rochefort	86.68 40	dP	P	15 50 57.8 0.0
RCHB	Rochefort	86.68 40	pP	pP	15 51 40.8 -1.3
CHNA	Chernabura Is	86.75 325	pP	pP	15 50 57.6 -0.3
BCLA	Clavier	86.75 39	dP	P	15 50 58.6 +0.5
B22K	Teshhepuk Lake	86.82 341	P	P	15 50 58.8 +0.7
H19K	Roundabout Mou	86.91 336	I Amb	I Amb	15 51 00.4
H19K	Roundabout Mou	86.91 336	P	P	15 50 59.3 +0.8
F20K	Avaaralet Lake	86.92 337	P	P	15 50 59.1 +0.6
S14K	Fog Glacier	86.92 326	P	P	15 50 58.8 -0.1
BSTI	Sart Tilman	86.94 39	dP	P	15 50 59.9 +0.9
GCSA	Galena City Sc	86.94 335	P	P	15 50 59.5 +0.9
C21K	Knifeblade Rid	87.01 340	P	P	15 50 60.0 +0.9
BEBN	Eben Emael	87.03 39	dP	P	15 50 59.7 +0.3
B21K	Ikpikpuk River	87.06 340	P	P	15 50 60.0 +0.8
N16K	Nishlik Lake	87.10 331	P	P	15 51 00.0 +0.4
L17K	Donlin	87.13 332	P	P	15 51 00.3 +0.7
BNI	Bardonecchia	87.13 45	P	P	15 51 00.3 0.0
BNI	Bardonecchia	87.13 45	pmax	pmax	15 51 00.3 0.0
BHOU	Houvezneg	87.19 40	dP	P	15 51 01.2 +0.9
WLF	Walferdange	87.22 40	dP	P	15 51 00.9 +0.5
WLF	Walferdange	87.22 40	eP	P	15 51 01.1 +0.7
WLF	Walferdange	87.22 40	eP	pP	15 51 45.9 +1.1
K17K	Iditarod	87.22 333	I Amb	I Amb	15 51 02.4
K17K	Iditarod	87.22 333	P	P	15 51 01.0 +0.9
MEM	Membach	87.22 39	dP	P	15 51 00.9 +0.5
MEM	Membach	87.22 39	pP	pP	15 51 43.6 -1.2
M16K	Timber Creek	87.27 331	I Amb	I Amb	15 51 02.4
M16K	Timber Creek	87.27 331	P	P	15 51 01.2 +0.8
G19K	Purcell Mounta	87.28 336	P	P	15 51 01.0 +0.6
BTNL	Tenel	87.30 39	dP	P	15 51 01.4 +0.6
BTNL	Tenel	87.30 39	pP	pP	15 51 45.7 +0.5
SDPT	Sand Point	87.32 325	P	P	15 51 01.8 +1.1
SDPT	Sand Point	87.32 325	P	P	15 51 01.1 +0.4
E20K	Nigu River	87.33 339	P	P	15 51 01.6 +0.1
A22K	Sinclair Lake	87.48 341	P	P	15 51 02.0 +0.9
NOR	Nord	87.56 7	i P	I Amb	15 51 00.4 -1.0
NOR	Nord	87.56 7	I Amb	I Amb	15 51 02.8
E19K	Redstone River	87.57 338	I Amb	I Amb	15 51 03.1
E19K	Redstone River	87.57 338	P	P	15 51 02.3 +0.6
D20K	Etiuvik River	87.57 339	I Amb	I Amb	15 51 03.7
D20K	Etiuvik River	87.57 339	P	P	15 51 02.7 +0.9
L16K	Owhat River	87.61 332	P	P	15 51 05.0
L16K	Owhat River	87.61 332	P	P	15 51 03.1 +1.1
H18K	Honhosa River	87.63 335	P	P	15 51 03.7 +1.6
F19K	Shaleruckik Mo	87.67 337	I Amb	I Amb	15 51 03.6
F19K	Shaleruckik Mo	87.67 337	P	P	15 51 02.5 +0.4
J17K	VABM Dome	87.67 334	I Amb	I Amb	15 51 04.6
J17K	VABM Dome	87.67 334	P	P	15 51 03.4 +1.1
N15K	Kwethluk River	87.71 330	P	P	15 51 03.1 +0.6
ECH	Echery	87.74 42	P	I Amb	15 51 02.2 -0.8
ECH	Echery	87.74 42	I Amb	I Amb	15 51 04.0
ECH	Echery	87.74 42	pmax	pmax	15 51 02.2 -0.8
ECH	Echery	87.74 42	pP	pP	15 51 03.2 +0.3
ECH	Echery	87.74 42	pP	pP	15 51 47.7 +0.3
G18K	Tagagawik	87.87 336	P	P	15 51 04.3 +1.2
B20K	Meads River	88.00 340	P	P	15 51 04.8 +1.2
M15K	Kasigluk River	88.07 331	P	P	15 51 05.0 +0.8
A21K	Barow	88.07 342	P	P	15 51 04.6 +0.7
D19K	Kuna River	88.08 339	I Amb	I Amb	15 51 06.2
D19K	Kuna River	88.08 339	P	P	15 51 04.9 +0.8
BUG	Bochum-Univer	88.10 39	eP	P	15 51 05.1 +0.6
O14K	Tiguykaiuvit M	88.19 329	P	P	15 51 05.6 +0.8
NVL	N'Azarevskaya	88.23 161	eP	pP	15 51 03.4 -1.4
NVL	N'Azarevskaya	88.23 161	eS	pP	15 51 51.4 +2.1
NVL	N'Azarevskaya	88.23 161	eS	pmax	16 01 09.6 -6.7
H17K	Granite Mounta	88.25 335	I Amb	I Amb	15 51 07.1
H17K	Granite Mounta	88.25 335	P	P	15 51 05.9 +0.9
J16K	Arvatna River	88.34 333	P	P	15 51 06.6 +1

24d 17h

Table with columns for station name, frequency, power, and other technical details. Includes stations like RJOB Joehberg, KBS Kingsbay, WET Wetzell, etc.

2020 JUN

Table with columns for station name, frequency, power, and other technical details. Includes stations like MORC Moravsky Berou, Vnda Vanda, JAVC JAVC, etc.

1510

Table with columns for station name, frequency, power, and other technical details. Includes stations like ASAR comp=Z,6.3nm,0.7s, bazz=122,slow=3,7,SNR=53, ASAR comp=Z,2.1nm,0.8s, bazz=108,slow=1.6,SNR=54, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like B22K, BRTR, D23K, G24K, PDAR, SCRK, MCMT, ILAR, HDA, ASAF, BVAR, KURK, MKAR, SONM, ASAR.

RSNC 24 17:05:35.1±0.0, 7°12'N x 73°3'W, h149km, M2.7, ML2.4, Mw3.1

FUNV 24 17:05:36.1±0.0, 7°16'N x 73°21'W, h13km, Mw3.0, Presumed earthquake

ISC 24 17:05:33.0±0.1, 4.65SN, 0.03±0.03, h103.09W, h160km, n30, e137/57, 1C, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like BARC, PAMC, BRJC, RUSC, PUERTO BERRIO, HELC, BOG, HELC, HELC, CVER, UREC, GUY2C, VILC, PTGC, CBOC, DBBC, SDV, PRAC, APAC, ORTC, SJCC, PLMC, URMC, SMRC.

IDC 24 17:16:24.1±3.4, 47°58'N-92°78'W, h0km, mb2.5/1, mbmp2.5/2, ML0.8/1, Error ellipse: s-maj=64.9km s-min=17.3km az=68.0, Minnesota

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ULM, I10CA, I56US, TXAR.

IDC 24 17:19:31.2±0.6, 66°34'N-18°85'W, h0km, mb3.8/15, mbmp3.8/21, ML2.8/4, MS3.3/20, Error ellipse: s-maj=18.6km s-min=11.4km az=1.0

REY 24 17:19:31.3, 66°42'N-18°71'W, h21km NEIC 24 17:19:32.6±1.8, 66°32'N-18°9'W, 0.1±0.1h0km, mb4.2/65, Error ellipse: s-maj=10.6km s-min=5.0km az=297.0

ISC 24 17:19:32.0±0.4, 66°37'N-18°70'W, 0.03±0.03, h10km, n230, e156/210, mb4.2/44, MS3.2/15, Iceland region

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ISIG, IGRI, IBRE, IHLA, IHED, IHRN, IGRA, IDIM.

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ISKI, IREI, IGHA, IKVO, IMEL, ISVA, ISVA, IASK, THOR, IDYN, IMKO, IKIS, IKRE, BORG, BORG, BORG, IDJK, SGO, SGO, SGO, ANGG, DBG, SFJ, EKA, NOA, NOA, SPITS, HFS, HFS, ARCES, ARCES, ARCES, FIA1, FINES, FINES, FRB, FRB, CLF, CLL, CLL, ECH, PABE, BFO, KHC, GEC2, GEC2, GERES, GERES, GERES, DAVOX, RES, MORC, MORC, MORC, TUE, VRAO, KRUC, SCHO, SCHQ, CTTI, ARSA, PSZ, PSZ, ESKD, ASAG, MALIN, AKASG, AKASG, KIRV, MLR, RDO, RDO, C36M, ARTI, YKA, INK, D28M, D27M, E29M, C26K, C27K, E28M, E28M, F30M, F30M, BR13, G31M, G31M, MNNY, A21K, WRGLY, KBZ.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like A22K, G30M, G30M, D25K, D25K, C24K, C24K, E27K, E27K, F28M, B22K, B22K, C23K, G29M, G29M, AKTO, AKTO, H31M, H31M, D24K, D24K, D24K, EPYK, ULM, E25K, E25K, F26K, D23K, D23K, B21K, H29M, B20K, TOLK, G27K, G27K, F25K, F25K, E24K, E24K, I30M, I30M, C21K, G26K, E23K, E23K, H27K, H27K, I29M, I29M, F24K, F24K, E22K, J30M, E21K, E21K, I28M, ABKAR, G25K, D20K, C19K, I27K, MMPY, G24K, G24K, COLD, E20K, F22K, D19K, I26K, I26K, I26K, K29M, G23K, BVAR, G22K, F21K, F21K, DAWY, PRP, C17K, H24K, E19K, F20K, F20K, GNI, H23K, L29M, G21K.

24d 17h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists various stations like G21K, H30M, M20K, etc.

ICD 24 17:29:30.0-1.4, 27.44N:55.89E, h0km, mb3.8/13, mbtmp3.9/16, ML3.8/3, Error ellipse: s-maj=29.6km s-min=19.2km az=173.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like GENO, IBND, SHME, etc.

2020 JUN

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like IMEH, IBAF, TAFT, etc.

ICD 24 17:33:25.9-2.1, 1.40N:97.70E, h0km, mb3.8/8, mbtmp3.9/16, ML3.5/1, MS3.2/2, Error ellipse: s-maj=98.9km s-min=17.3km az=58.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like GSI, GSI, SNSI, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like H08S1, WRA, WRA, etc.

BUI 24 17:40:48.1, 36.25N:118.37W, h9km, mB6.1/53, mb5.3/43, Ms5.8/59, Ms7.5/68

ISC-PP 24 17:40:48.36:47N:117.97W, h16km, Mwppsm5.9, Moment Tensor Solution. s39 Moment tensor: Scale 1017Nm; M1=0.76t; M2=0.10t; M3=0.08t; M4=0.18t; M5=0.35t; M6=0.02t; M7=0.26t; M8=0.15t; Fault plane solution: M0=44000x1017 Np1=285.80000, b64.70000, l246.90000, NP2=35.150.70000, h33.80000, l=50.30000

NEIC 24 17:40:48.5, 36.47N:117.97W, h3km NEIC 24 17:40:48.5, 36.47N:117.97W, h5km NEIC 24 17:40:48.5, 36.46N:117.96W, h5km

NEIC 24 17:40:48.5, 36.47N:117.97W, h3km NEIC 24 17:40:48.5, 36.47N:117.97W, h5km NEIC 24 17:40:48.5, 36.47N:117.97W, h5km

NEIC 24 17:40:48.5, 36.47N:117.97W, h3km NEIC 24 17:40:48.5, 36.47N:117.97W, h5km NEIC 24 17:40:48.5, 36.47N:117.97W, h5km

NEIC 24 17:40:48.5, 36.47N:117.97W, h3km NEIC 24 17:40:48.5, 36.47N:117.97W, h5km NEIC 24 17:40:48.5, 36.47N:117.97W, h5km

NEIC 24 17:40:48.5, 36.47N:117.97W, h3km NEIC 24 17:40:48.5, 36.47N:117.97W, h5km NEIC 24 17:40:48.5, 36.47N:117.97W, h5km

NEIC 24 17:40:48.5, 36.47N:117.97W, h3km NEIC 24 17:40:48.5, 36.47N:117.97W, h5km NEIC 24 17:40:48.5, 36.47N:117.97W, h5km

NEIC 24 17:40:48.5, 36.47N:117.97W, h3km NEIC 24 17:40:48.5, 36.47N:117.97W, h5km NEIC 24 17:40:48.5, 36.47N:117.97W, h5km

NEIC 24 17:40:48.5, 36.47N:117.97W, h3km NEIC 24 17:40:48.5, 36.47N:117.97W, h5km NEIC 24 17:40:48.5, 36.47N:117.97W, h5km

NEIC 24 17:40:48.5, 36.47N:117.97W, h3km NEIC 24 17:40:48.5, 36.47N:117.97W, h5km NEIC 24 17:40:48.5, 36.47N:117.97W, h5km

NEIC 24 17:40:48.5, 36.47N:117.97W, h3km NEIC 24 17:40:48.5, 36.47N:117.97W, h5km NEIC 24 17:40:48.5, 36.47N:117.97W, h5km

NEIC 24 17:40:48.5, 36.47N:117.97W, h3km NEIC 24 17:40:48.5, 36.47N:117.97W, h5km NEIC 24 17:40:48.5, 36.47N:117.97W, h5km

NEIC 24 17:40:48.5, 36.47N:117.97W, h3km NEIC 24 17:40:48.5, 36.47N:117.97W, h5km NEIC 24 17:40:48.5, 36.47N:117.97W, h5km

NEIC 24 17:40:48.5, 36.47N:117.97W, h3km NEIC 24 17:40:48.5, 36.47N:117.97W, h5km NEIC 24 17:40:48.5, 36.47N:117.97W, h5km

CGO Cerro Gordo 0.17 54 Pb 17 40 56.3 +0.2	MWC Mount Wilson 2.22 182 P Pn 17 41 26.1 -1.5	ELK Elko comp=E,3um,3.4s 4.79 26 IAML 17 42 31.4
MFS McCloud Flat S 0.35 163 Pp 17 40 55.8 -1.8	SHPR Sheep Range 2.22 288 Pn 17 41 27.1 -1.1	ELK Elko 4.79 26 Pn 17 42 03.2 +0.1
DAC Darwin (Calif) 0.35 119 Pp 17 40 56.0 -1.7	PASC Pasadena Art C 2.28 184 P Pn 17 41 27.1 -1.1	ELK Elko 4.79 26 IAML 17 43 33.9
WRVM WRVM Rose V. Centra 0.45 171 Pp 17 41 01.6 -0.9	PASC Pasadena Art C 2.28 184 P Pn 17 41 27.1 -1.1	MTPU Mount Pierson comp=E,5um,4.4s 4.89 69 IAML 17 43 38.6
WRVM WRVM Coso Springs S 0.46 158 Pp 17 41 05.3 0.0	WAKR Walker 2.36 331 IAML 17 42 12.8	113A Mohawk Valley, 2.3s 5.05 135 IAML 17 43 44.3
WCSM WCSM Joshua Ridge 0.49 164 Pp 17 40 57.9 -1.7	Q09A comp=E,37um,2.2s 2.44 186 P Pn 17 41 31.1 +0.7	113A comp=N,7um,3.0s IAML 17 43 46.0
JRC2 JRC2 Volcano Peak E 0.52 165 Pp 17 40 58.3 -1.8	Q09A comp=E,6um,1.7s 2.45 163 P Pn 17 41 29.3 -1.6	YBH Yreka Blue Hor 6.43 327 Pn 17 42 25.6 +0.2
JRC2 JRC2 Volcano Peak E 0.52 165 Pp 17 41 05.3 -0.3	Q09A comp=N,75um,1.0s IAML 17 42 11.9	YBH comp=E,2.5nm,0.3s,baz=140,slow=7.3,SNR=44, 17 44 10.5
WVPM WVPM 17 41 07.4 -0.1	Q09A comp=N,90um,0.9s IAML 17 43 03.0	TUC Tucson 7.24 123 P Pn 17 42 35.7 -0.7
RCWM Renegade Canyo 0.56 152 Pp 17 40 59.8 -1.8	CMB Columbia Cole 2.49 310 Pn 17 41 31.3 +0.1	TUC Tucson 7.24 123 P S 17 44 04.5 +5.8
RCWM RCWM 17 41 08.9 -0.2	CMB comp=E,53um,0.8s IAML 17 42 10.8	PDAR Pinedale Array 9.05 43 Pn 17 43 04.5 +3.0
WCHM WCHM Chimney Peak 0.57 188 Pp 17 40 59.8 -2.0	CMB comp=N,90um,0.9s IAML 17 42 15.6	PDAR comp=E,2.0nm,0.3s,baz=228,slow=12,SNR=92, 17 45 31.1
WCHM WCHM Nine Mile Cany 0.61 174 Pp 17 41 01.2 -1.8	CMB comp=N,90um,0.9s IAML 17 42 15.6	COR Corvallis 9.08 335 P Pn 17 43 09.0 +7.4
WNMM WNMM 17 41 01.2 -1.8	CMB comp=N,90um,0.9s IAML 17 42 15.6	COR comp=E,4.1nm,0.8s S Sn 17 45 07.8 +2.4
TIN Tinemaha, Big 0.64 341 Pp 17 41 11.3 0.0	PRN Pahroc Range 2.53 67 IAML 17 41 30.2 -1.6	ANMO Albuquerque 9.49 96 Pn 17 43 08.6 +1.2
TIN TIN 17 41 16.6	PRN comp=E,91um,1.4s IAML 17 42 21.8	ANMO comp=E,2.2nm,0.3s,baz=281,slow=12,SNR=74 17 43 43.8
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	ANMO comp=E,4.9nm,0.3s,baz=256,slow=9.3,SNR=8.6 17 45 41.7
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	ANMO comp=E,0.5nm,0.3s,baz=94,slow=9.8,SNR=1.8 17 47 09.8
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	ANMO comp=E,33um,18.1s,baz=268,slow=40 17 47 09.8
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	ANMO Albuquerque 9.49 96 Pn 17 43 08.0 +0.6
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	ANMO comp=Z,114nm,1.0s pmax pmax 17 43 41.6 +2.4
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	NEW Newport 11.82 3 Pn 17 47 01.4
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	NEW comp=E,5.2nm,0.9s,baz=182,slow=13,SNR=15 17 48 46.3
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	NEW comp=Z,38um,18.2s,baz=198,slow=40 17 48 46.3
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	RSSD Black Hills 13.10 50 P Pn 17 43 57.2 +0.3
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	RSSD comp=Z,311nm,1.6s S Sn 17 46 25.1 +2.4
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	TXAR Lajitas Array 13.95 116 Pn 17 44 11.5 +3.1
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	TXAR comp=Z,0.9nm,0.3s,baz=295,slow=10,SNR=255 17 46 45.2 +1.8
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	TXAR comp=Z,341,slow=15 S Sn 17 48 07.2
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	TXAR comp=Z,294,slow=28,SNR=2.9 LR LR 17 48 57.4
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	LPIG La Paz 13.97 150 Pn 17 44 08.4 -0.2
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	LPIG comp=Z,19nm,0.3s,baz=147,slow=6.9,SNR=10.0 17 48 08.8
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	LPIG comp=Z,49nm,0.3s,baz=131,slow=0.6,SNR=4.5 17 48 46.5
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	SLBS Sierra La Lagu 14.49 149 P Pn 17 44 18.9 +3.1
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	SLBS comp=Z,24nm,0.3s S Sn 17 47 00.0 +3.6
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	OZNA Ozone 15.07 107 IAMB IAMB 17 44 28.0
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	NOKA Waynoka 15.31 84 IAMB IAMB 17 44 30.3
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	R32A Long Quarter, 1.6s 15.43 77 IAMB IAMB 17 44 32.6
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	BGNE Belgrade 16.20 66 IAMB IAMB 17 44 42.9
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	SUSD Miller 16.51 55 IAMB IAMB 17 44 48.4
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	BRDY Brady 16.58 103 IAMB IAMB 17 44 49.0
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	PLPT Palo Pinto 16.58 97 IAMB IAMB 17 44 49.3
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	OK029 Liberty Lake 16.60 86 IAMB IAMB 17 44 49.2
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	FNO Franklin 16.73 88 IAMB IAMB 17 44 51.2
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	T35A Sooner Cattle 17.23 82 IAMB IAMB 17 44 56.8
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	Z35A Perchaven, 21nm, 1.6s 17.28 94 IAMB IAMB 17 44 56.8
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	BBB Bella Bella 17.29 339 P Pn 17 44 51.5 -0.4
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	BBB comp=Z,0.4nm,0.3s,baz=148,slow=12,SNR=4.0 17 49 46.4
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	BBB comp=Z,0.2nm,0.3s,baz=282,slow=4.6,SNR=2 17 52 26.9
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	DEOK Depew 17.36 86 IAMB IAMB 17 44 58.4
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	FW13 Cleburne 17.44 98 IAMB IAMB 17 44 59.9
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	WHTX Lake Whitney, 1.5s 17.54 99 IAMB IAMB 17 45 01.8
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	F33A 5 Mile Ranch, 1.5s 17.78 53 IAMB IAMB 17 45 18.6
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	H02S1 DAWSON INLET T 19.59 333 P Pn 17 45 19.0 +0.4
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	H02S2 DAWSON INLET T 19.59 333 P Pn 17 45 19.5 -0.4
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	HKT Hockley 19.61 103d P Pn 17 45 20.6 +0.3
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	HKT comp=Z,306nm,1.5s pmax pmax 17 45 20.7 +0.4
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	HKT comp=Z,47um,14.0s S Sn 17 45 37.7 +2.5
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	S39A Bolivar 19.70 79 IAMB IAMB 17 45 29.1
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	X40A Basin Creek Fa 20.56 88 P 17 45 29.5 +0.2
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	P40A Paris 20.64 74 P 17 45 30.5 +0.3
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	UALR University of 20.89 87 P IAMB IAMB 17 45 33.4 +0.5
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	UALR comp=Z,395nm,1.8s 21.06 338 P 17 45 36.5 +2.0
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	V35K Ketchikan 21.06 338 P 17 45 36.5 +2.0
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	ULM Lac du Bonnet 21.07 42 P 17 45 34.2 -0.6
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	ULM comp=Z,140nm,1.0s,baz=231,slow=10,SNR=106 S 17 49 29.4 +0.3
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	ULM comp=Z,7.3nm,1.0s,baz=81,slow=22,SNR=1.1 17 51 47.3
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	ULM baz=120,slow=16 LR LR 17 54 12.3
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	ULM comp=Z,16um,18.4s,baz=234,slow=38 21.07 42 i P 17 45 33.2 -1.5
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	U35K Lac du Bonnet 21.12 341 P P 17 45 37.7 +2.5
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	CCM Cathedral Cave 21.32 78 P 17 45 38.2 +0.7
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	CCM Cathedral Cave 21.32 78 P Pmax pmax 17 45 38.2 +0.7
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	CCM comp=Z,1um,2.0s MLR MLR 17 45 38.7 +1.2
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	CCM comp=Z,10um,19.0s 21.32 78 P P 17 49 40.9 -0.6
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	CCM comp=Z,333nm,1.5s 21.34 26 IAMB IAMB 17 45 36.1 -1.4
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	FFC Flin Flon 21.34 26 P 17 45 45.9
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	FFC comp=Z,404nm,1.1s 21.34 26 P 17 45 36.2 -1.4
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	FFC comp=Z,404nm,1.1s pmax pmax 17 45 36.3 -1.2
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	FFC Flin Flon 21.34 26 P P 17 45 36.3 -1.2
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	FFC comp=Z,12um,22.0s S Sn 17 49 43.8 +2.0
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	FFC Van Buren 21.53 80 IAMB IAMB 17 45 47.2
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	T42A comp=Z,408nm,1.4s IAMS_20 IAMS_20 17 54 22.3
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	LCAR Lake Charles 21.61 83 IAMB IAMB 17 45 48.1
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	CRAIG Craig 21.65 336 P 17 45 43.9 +3.0
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	CRAIG comp=Z,353nm,1.5s 21.65 336 P 17 45 43.1 +2.2
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	I40A Norwalk 22.12 62 IAMB IAMB 17 45 49.1
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	T35M Bob Quinn 22.13 342 IAMS_20 IAMS_20 17 45 22.0
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	T35M Bob Quinn 22.13 342 P 17 45 47.9 +1.8
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	E38A The Farm, Bul 22.14 55 IAMB IAMB 17 46 03.9
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	E38A comp=Z,316nm,1.1s IAMS_20 IAMS_20 17 53 42.2
TIN TIN 17 41 16.6	PRN comp=N,75um,1.8s IAML 17 42 21.8	143A Soes Landing, 22.17 92 IAMS_20 IAMS_20 17 55 30.5

1515 **2020 JUN** 24d 17h

M20K	Styx River	33.57 330	IAMS_20	IAMS_20	17 59 19.4
M20K	Styx River	33.57 330	P	P	17 47 31.9 +1.4
Q16K	King Simon	33.57 324	P	P	17 47 31.5 +1.2
CHGN	Chignik	33.57 319	P	P	17 47 32.0 +1.6
S61A	Accomac	33.57 75	IAMS_20	IAMS_20	18 00 04.0
POKR	Poker Plat Res	33.59 338	P	P	17 47 32.4 +1.8
F28M	Old Crow	33.59 345	P	P	17 47 32.2 +1.7
BWN	Browne	33.60 336	IAMS_20	IAMS_20	18 02 35.7
P17K	Kvichak River	33.69 325	P	P	17 47 32.8 +1.4
KTH	Kantishna Hill	33.71 334	IAMS_20	IAMS_20	17 59 44.1
NEA2	Nenana	33.74 336	P	P	17 47 33.6 +1.7
J59A	Plesco	33.75 64	IAMS_20	IAMS_20	18 00 01.4
CNBA	Chernabura Isl	33.77 316	IAMS_20	IAMS_20	17 58 24.1
CHNA	Chernabura Isl	33.77 316	P	P	17 47 33.6 +2.4
CHNA	Chernabura Isl	33.77 316	P	P	17 47 33.5 +1.3
PPLA	Purkeypile	33.77 332	IAMS_20	IAMS_20	17 59 41.9
PPLA	Purkeypile	33.77 332	P	P	17 47 33.9 +1.6
E29M	Blow River	33.77 347	P	P	17 47 34.5 +1.6
P61A	Hammonnt	33.91 71	IAMS_20	IAMS_20	18 00 30.0
G26K	Porcupine Rive	33.95 342	IAMS_20	IAMS_20	18 00 15.0
G26K	Porcupine Rive	33.95 342	P	P	17 47 35.7 +2.1
GYU	Fort Yukon	34.02 341	IAMS_20	IAMS_20	18 01 53.3
CAST	Castle Rocks	34.04 333	IAMS_20	IAMS_20	17 59 53.0
CAST	Castle Rocks	34.04 333	P	P	17 47 35.5 +1.0
M19K	Big River Lodg	34.08 330	P	P	17 47 36.7 +1.8
N18K	Kilae Creek	34.10 327	IAMS_20	IAMS_20	17 59 36.7
N18K	Kilae Creek	34.10 327	P	P	17 47 36.9 +1.8
S14K	Fog Glacier	34.17 319	P	P	17 47 37.6 +1.9
VNFG	Fog Glacier, M	34.17 319	IAMS_20	IAMS_20	17 59 04.3
I23K	Minto, Yukon-K	34.21 337	IAMS_20	IAMS_20	18 01 35.3
I23K	Minto, Yukon-K	34.21 337	P	P	17 47 37.4 +1.5
H24K	Noodor Dome	34.23 339	IAMS_20	IAMS_20	18 01 09.8
H24K	Noodor Dome	34.23 339	P	P	17 47 37.9 +1.8
O17K	Koliganek Bris	34.23 325	P	P	17 47 37.7 +1.5
CAMR	Camarioca	34.26 103	IAMS_20	IAMS_20	17 47 38.9 +2.2
CAMR	Camarioca	34.26 103	S	S	17 53 06.9 +3.2
P16K	Nushagak River	34.35 324	IAMS_20	IAMS_20	17 59 27.2
P16K	Nushagak River	34.35 324	P	P	17 47 38.3 +1.1
E28M	Babbage River	34.37 346	P	P	17 47 38.9 +1.6
CHUM	Lake Minchumina	34.40 334	P	P	17 47 38.4 +0.9
G25K	Bearman Lake	34.40 341	P	P	17 47 39.7 +2.2
SDPT	Sand Point	34.40 317	P	P	17 47 41.1 +3.4
SDPT	Sand Point	34.40 317	P	P	17 47 38.4 +0.7
PAL	Palisades	34.40 69	IAMS_20	IAMS_20	18 00 21.9
L19K	White Mountain	34.41 330	IAMS_20	IAMS_20	17 59 45.9
L19K	White Mountain	34.41 330	P	P	17 47 39.7 +1.9
E27K	Coleen River	34.44 345	P	P	17 47 39.7 +1.8
M18K	Stony River	34.47 329	P	P	17 47 39.3 +1.2
MLY	Manley	34.57 336	IAMS_20	IAMS_20	18 01 43.0
MLY	Manley	34.57 336	P	P	17 47 40.3 +1.2
N17K	Nushagak Hills	34.60 327	P	P	17 47 41.2 +1.8
F26K	Sheenjek River	34.62 343	P	P	17 47 41.4 +1.9
O16K	Kokwok River B	34.62 325	P	P	17 47 41.1 +1.6
H23K	Yukon River	34.72 338	IAMS_20	IAMS_20	18 03 41.5
H23K	Yukon River	34.72 338	P	P	17 47 41.5 +1.2
G24K	Hadweenzic Riv	34.73 340	IAMS_20	IAMS_20	18 01 57.0
G24K	Hadweenzic Riv	34.73 340	P	P	17 47 42.3 +1.9
K20K	Telida	34.74 332	IAMS_20	IAMS_20	18 01 46.4
K20K	Telida	34.74 332	P	P	17 47 41.7 +1.2
D28M	Stokes Point	34.84 347	P	P	17 47 43.0 +1.7
F25K	Christian River	34.91 342	P	P	17 47 44.5 +2.6
I21K	Tanana	35.08 336	IAMS_20	IAMS_20	18 02 07.3
I21K	Tanana	35.08 336	P	P	17 47 44.8 +1.4
M17K	Holtina River	35.11 328	IAMS_20	IAMS_20	18 00 18.9
M17K	Holtina River	35.11 328	P	P	17 47 44.7 +1.0
L61B	Northampton	35.16 66	IAMS_20	IAMS_20	18 01 46.8
J61A	Chester	35.17 64	IAMS_20	IAMS_20	18 02 59.2
L18K	Granite Mounta	35.18 329	P	P	17 47 46.2 +1.9
D27M	Malcolm River	35.19 346	P	P	17 47 46.5 +2.1
J20K	Nowinta River	35.23 333	IAMS_20	IAMS_20	18 00 40.3
J20K	Nowinta River	35.23 333	P	P	17 47 45.8 +1.1
O15K	Ungalikthiuk R	35.28 324	IAMS_20	IAMS_20	17 59 56.5
O15K	Ungalikthiuk R	35.28 324	P	P	17 47 46.1 +1.0
E25K	Arctic Village	35.29 343	P	P	17 47 47.8 +2.6
N16K	Nishikil Lake	35.29 326	P	P	17 47 46.4 +1.1
H22K	Ishlitalina Cre	35.33 337	IAMS_20	IAMS_20	18 02 44.0
H22K	Ishlitalina Cre	35.33 337	P	P	17 47 47.6 +2.0
HNN	Hanover	35.34 64	IAMS_20	IAMS_20	18 04 27.6
G24K	Squaw Lake	35.43 341	P	P	17 47 48.7 +2.2
F23K	Bananza Creek	35.46 339	IAMS_20	IAMS_20	18 01 58.2
G23K	Bananza Creek	35.46 339	P	P	17 47 48.8 +2.1
M16K	Timber Hill	35.60 327	P	P	17 47 50.1 +2.1
H21K	Melozitna River	35.64 336	IAMS_20	IAMS_20	18 02 26.2
H21K	Melozitna River	35.64 336	P	P	17 47 50.0 +1.7
J19K	Poorman	35.67 332	IAMS_20	IAMS_20	18 00 42.0
J19K	Poorman	35.67 332	P	P	17 47 50.0 +1.5

I20K	Naaghedeneel	35.70 334	IAMS_20	IAMS_20	18 01 05.5
I20K	Naaghedeneel	35.70 334	P	P	17 47 49.8 +1.1
M63A	Gal Ferry	35.75 68	IAMS_20	IAMS_20	18 01 12.4
N15K	Kwethluk River	35.77 325	IAMS_20	IAMS_20	18 00 23.6
N15K	Kwethluk River	35.77 325	P	P	17 47 50.6 +1.2
L17K	Donlin	35.80 329	P	P	17 47 50.7 +1.0
A36M	Sachs Harbour	35.81 356	IAMS_20	IAMS_20	18 02 18.1
A36M	Sachs Harbour	35.81 356	P	P	17 47 50.4 +0.9
MGV	Manicaragua	35.85 103	eP	eP	17 47 51.7 +1.2
COLD	Coldfoot	35.87 339	IAMS_20	IAMS_20	18 02 35.7
COLD	Coldfoot	35.87 339	P	P	17 47 52.4 +2.2
FALS	False Pass	35.93 315	P	P	17 47 53.7 +2.9
FALS	False Pass	35.93 315	P	P	17 47 51.7 +0.9
HRV	Adam Dziewonks	35.98 66	IAMS_20	IAMS_20	18 02 20.5
E24K	Your Creek	35.99 341	IAMS_20	IAMS_20	18 03 00.1
E24K	Your Creek	35.99 341	P	P	17 47 53.7 +2.4
O14K	Tiguykuaviet M	36.00 323	IAMS_20	IAMS_20	18 00 17.6
O14K	Tiguykuaviet M	36.00 323	P	P	17 47 52.2 +0.8
G22K	Bettles	36.04 338	P	P	17 47 52.9 +1.3
C27K	Jago River	36.06 345	P	P	17 47 53.8 +2.0
K17K	Iditarod	36.07 330	IAMS_20	IAMS_20	18 00 47.3
K17K	Iditarod	36.07 330	P	P	17 47 53.3 +1.3
H62A	Milan	36.09 62	IAMS_20	IAMS_20	18 03 15.5
L16K	Owhat River	36.12 328	IAMS_20	IAMS_20	18 00 59.7
L16K	Owhat River	36.12 328	P	P	17 47 54.3 +1.9
WES	Weston	36.17 66	IAMS_20	IAMS_20	18 02 39.5
H20K	Antoleneega Mo	36.24 335	P	P	17 47 55.1 +1.7
M15K	Kasigluk River	36.25 326	P	P	17 47 54.3 +0.8
E23K	Chadalar	36.28 341	IAMS_20	IAMS_20	18 02 58.7
E23K	Chadalar	36.28 341	P	P	17 47 55.5 +1.8
G21K	Allakaket	36.40 337	IAMS_20	IAMS_20	18 03 01.8
G21K	Allakaket	36.40 337	P	P	17 47 56.0 +1.2
D25K	Kavik River	36.40 343	P	P	17 47 56.8 +2.1
N14K	Kuskokwak Cree	36.43 324	IAMS_20	IAMS_20	18 00 44.0
N14K	Kuskokwak Cree	36.43 324	P	P	17 47 56.1 +1.1
GCSA	Galena City Sc	36.53 333	P	P	17 47 57.4 +1.5
C26K	Camden Bay	36.54 345	P	P	17 47 57.8 +1.9
I63A	Ottisfield	36.54 63	IAMS_20	IAMS_20	18 02 10.4
L64A	Middleborough	36.58 67	IAMS_20	IAMS_20	18 01 19.3
F22K	John River	36.62 339	P	P	17 47 58.6 +1.9
TOLK	Toolik Lake Re	36.68 341	P	P	17 47 58.7 +1.6
J17K	VABM Dome	36.70 330	IAMS_20	IAMS_20	18 01 19.4
J17K	VABM Dome	36.70 330	P	P	17 47 57.9 +0.5
M65A	Busby, Falmout	36.77 67	IAMS_20	IAMS_20	18 02 18.3
M65A	Busby, Falmout	36.77 67	P	P	17 47 58.7 +0.6
H19K	Roundabout Mou	36.80 334	IAMS_20	IAMS_20	18 01 51.5
H19K	Roundabout Mou	36.80 334	P	P	17 47 58.8 +0.7
F21K	Alatina River	36.83 338	IAMS_20	IAMS_20	18 02 30.3
F21K	Alatina River	36.83 338	P	P	17 47 59.4 +1.0
M14K	Bethel	36.85 325	P	P	17 47 59.9 +1.3
D24K	Happy Valley	36.86 342	IAMS_20	IAMS_20	18 03 03.9
D24K	Happy Valley	36.86 342	P	P	17 48 00.5 +1.9
E22K	Anaktuvuk Pass	36.93 340	IAMS_20	IAMS_20	18 03 20.3
E22K	Anaktuvuk Pass	36.93 340	P	P	17 48 00.9 +1.5
L15K	Ungalik Mounta	36.98 327	P	P	17 48 01.0 +1.3
AKUT	Avarara Lake	37.16 314	P	P	17 48 04.5 +3.2
D23K	Nanushuk River	37.20 341	P	P	17 48 03.7 +2.2
C24K	Franklin Bluff	37.24 343	P	P	17 48 03.0 +1.2
K15K	Wolf Creek Mou	37.24 328	IAMS_20	IAMS_20	18 01 46.4
K15K	Wolf Creek Mou	37.24 328	P	P	17 48 03.6 +1.6
J16K	Alatina River	37.27 330	P	P	17 48 03.4 +1.3
H18K	Honhosa River	37.29 333	IAMS_20	IAMS_20	18 01 54.4
H18K	Honhosa River	37.29 333	P	P	17 48 03.5 +1.2
G19K	Purcell Mounta	37.36 335	IAMS_20	IAMS_20	18 02 29.3
G19K	Purcell Mounta	37.36 335	P	P	17 48 04.1 +1.2
PKME	Peaks-Kenny Pk	37.37 61	IAMS_20	IAMS_20	18 01 58.3
M13K	Dall Lake	37.38 324	IAMS_20	IAMS_20	18 01 25.1
M13K	Dall Lake	37.38 324	P	P	17 48 04.4 +1.3
L14K	Kuka Creek	37.39 326	P	P	17 48 04.2 +1.1
F20K	Avarara Lake	37.42 337	IAMS_20	IAMS_20	18 05 28.0
F20K	Avarara Lake	37.42 337	P	P	17 48 05.0 +1.6
D62A	Allapoint, All	37.45 58	Iamb	Iamb	17 48 02.4 -1.5
D62A	Allapoint, All	37.45 58	P	P	17 48 05.7
UNV	Unalaska Valle	37.54 313	P	P	17 48 07.3 +2.7
UNV	Unalaska Valle	37.54 313	P	P	17 48 05.5 +0.9
I17K	Unalakleet	37.57 331	IAMS_20	IAMS_20	18 01 56.0
I17K	Unalakleet	37.57 331	P	P	17 48 05.9 +1.2
BOAB	BOABO ROADBA	37.60 121	P	P	17 48 06.3 +0.9
BOAB	BOABO ROADBA	37.60 121	S	S	17 53 58.8 +3.8
E21K	Killik River	37.74 339	IAMS_20	IAMS_20	18 04 49.5
E21K	Killik River	37.74 339	P	P	17 4

WVPM	Volcano Peak E	0.55	165	Pg	17 57 07.5	+0.3
WVPM				Sg	17 57 15.0	+0.5
TIN	Tinemaha, Big	0.60	342	Pg	17 57 08.3	+0.2
RCWM	Renegade Canyo	0.60	152	Pg	17 57 08.2	+0.1
RCWM				Pg	17 57 16.6	+0.6
WNMM	Nine Mile Canyon	0.65	174	Pg	17 57 17.9	+0.4
SPG2	Springville 2	0.69	246	Pg	17 57 09.5	+0.2
SPG2				Pg	17 57 18.7	+0.1
TOW	Tower One	0.70	165	Pg	17 57 10.3	+0.4
TOW				Sb	17 57 20.8	+0.2
GRAC	Grapevine Rang	0.72	44	Pg	17 57 10.1	+0.2
GRAC				Pg	17 57 23.0	+0.1
CLC	China Lake	0.74	154	Pg	17 57 10.7	+0.1
CLC				Pg	17 57 20.7	+0.3
WORM	Onyx Ranch	0.81	194	Pg	17 57 23.7	+0.6
WHFM	Hanning Flat	0.84	200	Pb	17 57 13.8	+0.3
WHFM				Pg	17 57 23.4	+0.1
WASM	Alta Sierra Ca	0.88	212	Pg	17 57 24.2	+0.4
DSP	Deep Springs	0.88	1	Pg	17 57 13.4	+0.1
DSP				Pg	17 57 26.1	
DSP	comp=E,105nm,3.7s			IAML		
DSP	comp=N,117nm,0.4s			IAML		
ISA	Isabella, Lake	0.91	206	Pg	17 57 13.9	+0.1
ISA				Pg	17 57 25.6	+0.2
FURC	Furnace Creek	0.91	91	Pg	17 57 14.3	+0.3
FURC				IAML		
FURC	comp=E,108nm,1.9s			IAML		
FURC	comp=N,124nm,1.0s			IAML		
WBSM	Bird Springs	0.95	187	Pg	17 57 14.6	+0.3
WBSM				Sg	17 57 26.8	+0.4
GMN	Gold Mountain	1.00	36	Pg	17 57 16.0	+0.2
LRMC	Laurel Mtn Rad	1.03	166	Pg	17 57 16.2	+0.2
LRMC				Sg	17 57 29.7	+0.1
LRMC				IAML		
LRMC	comp=N,70nm,0.2s			IAML		
QSM	Queen of Sheba	1.05	119	Pg	17 57 16.6	0.0
QSM				IAML		
QSM	comp=N,115nm,0.7s			IAML		
QSM	comp=E,86nm,0.4s			IAML		
CCCA	Chr Cany lake	1.09	152	Pg	17 57 17.3	+0.1
CCCA				Pg	17 57 37.7	
YES	Vestal, Richgr	1.09	234	Pg	17 57 17.4	0.0
YES				IAML		
YES	comp=N,157nm,0.8s			IAML		
GWY	Greenwater Val	1.11	105	Pg	17 57 17.8	0.0
GWY				IAML		
GWY	comp=N,59nm,2.7s			IAML		
GWY	comp=E,70nm,1.6s			IAML		
WCT	Wildcat Mounta	1.14	74	Pg	17 57 18.8	+0.2
WCT				IAML		
WCT	comp=E,58nm,0.3s			IAML		
TEJ	El Tejon	1.38	204	Sb	17 57 39.3	-1.1
MDPB	Devils Postpil	1.44	323	Pb	17 57 23.3	0.0
TPNV	Topopah Spring	1.48	71	Pg	17 57 24.9	+0.1
TPNV				IAML		
TPNV	comp=E,41nm,4.8s			IAML		
TPNV	comp=E,51nm,0.9s			IAML		
GSC	Goldstone, Bar	1.52	140	IAML		
GSC				IAML		
GSC	comp=N,49nm,3.4s			IAML		
GSC	comp=E,65nm,3.7s			IAML		
TPO	Tropico Hills	1.61	187	Pn	17 57 25.9	+0.4
TPH	Tonopah	1.70	21	Pn	17 57 27.2	+0.4
LHV	Little Huntoon	1.81	347	Pn	17 57 28.9	+0.8
NV11	Mina Array Sit	1.95	356	Pn	17 57 30.9	+0.7
NV11				Pn	17 57 31.0	+0.6
NV11				Pn	17 57 31.1	+0.5
NV11	comp=N,37nm,4.0s			IAML		
PKD	Bear Valley Ra	2.13	256	Pn	17 57 41.4	+0.6
PKD				IAML		
PKD	comp=E,37nm,4.6s			IAML		
SHPR	Sheep Range	2.28	89	Pn	17 57 35.4	+0.6
SHPR				IAML		
SHPR	comp=E,16nm,4.7s			IAML		
SHPR	comp=N,20nm,4.8s			IAML		
PMLM	Mount Loose	2.66	234	Pb	17 57 44.1	-0.4
BELC	Belle Mtn. Jos	2.97	146	Pn	17 57 44.2	-0.1

PAS 24 17:56:58.9-0.36:47N-0.02:117.99W-0.02:h16km,7km,
 Error ellipse: s-maj=2.5km s-min=2.3km az=83.0
 NEIC 24 17:56:58.1-0.9:36.48N-0.02:117.98W-0.02:h6km,6km,
 ML2.5/42,ML2.7(PAS), Error ellipse: s-maj=2.3km
 s-min=2.2km az=115.0, California-Nevada border
 region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
				Op	ISC	h m s	ISC
CWC	Cottonwood Cre	0.09	247	Pg	Pg	17 57 00.4	+0.2
CWC				IAML		17 57 02.4	
CWC	comp=E,7μm,0.2s			IAML		17 57 02.5	
CWC	comp=N,4μm,0.1s			IAML		17 57 02.5	
CWC	Cottonwood Cre	0.09	247	Pg	Pg	17 57 00.7	+0.4
CGO	Cerro Gordo	0.16	62	Pg	Pg	17 57 03.5	+2.0
DAC	Darwin (Calif)	0.37	122	Pb	Pb	17 57 06.4	+0.8
MFS	McCloud Flat S	0.37	164	Pg	Pg	17 57 05.5	+0.5
WRVM	Rose V. Centra	0.47	171	Pg	Pg	17 57 07.6	+0.4
WCSM	Coso Springs S	0.48	159	Pg	Pg	17 57 08.1	+0.7
JRC2	Joshua Ridge	0.51	164	Pg	Pg	17 57 08.1	+0.1
RCWM	Renegade Canyo	0.59	153	Pg	Pg	17 57 09.7	+0.3
SPG2	Springville 2	0.69	247	Pg	Pg	17 57 11.2	+0.5
GRAC	Grapevine Rang	0.72	43	Pg	Pg	17 57 12.4	+0.5
GRAC				IAML		17 57 23.7	
GRAC	comp=N,411nm,0.2s			IAML		17 57 25.6	
GRAC	comp=E,55nm,0.3s			IAML		17 57 13.3	-0.3
WORM	Onyx Ranch	0.81	195	Pg	Pg	17 57 13.3	+0.3
DSP	Deep Springs	0.89	0	Pg	Pg	17 57 14.9	+0.4
FURC	Furnace Creek,	0.90	90	Pg	Pg	17 57 15.5	+0.1
ISA	Isabella, Lake	0.90	206	Pg	Pg	17 57 15.4	+0.1
ISA				IAML		17 57 28.4	
ISA	comp=E,56nm,0.7s			IAML		17 57 28.8	
ISA	comp=N,69nm,0.4s			IAML		17 57 16.1	+0.2
WBSM	Bird Springs	0.94	188	Pg	Pg	17 57 18.0	+0.3
LRMC	Laurel Mtn Rad	1.51	141	Pg	Pg	17 57 25.3	+0.4
GSC	Goldstone, Bar	1.51	141	Pn	Pn	17 57 27.3	+0.4
TPO	Tropico Hills	1.60	187	Pn	Pn	17 57 27.0	+0.3
TPO				IAML		17 57 55.4	
TPO	comp=N,44nm,3.8s			IAML		17 57 55.4	
TPO	comp=E,49nm,2.7s			IAML		17 57 55.8	
TPH	Tonopah	1.71	20	Pn	Pn	17 57 28.7	+0.1
TPH				IAML		17 57 57.1	
TPH	comp=E,44nm,3.0s			IAML		17 57 57.1	
LHV	Little Huntoon	1.82	347	Pn	Pn	17 57 30.8	+0.8
LHV				IAML		17 58 01.4	
LHV	comp=N,62nm,3.1s			IAML		17 58 16.0	
LHV	comp=E,46nm,4.2s			IAML		17 58 16.4	
YEG	Yeguas Mountai	1.91	238	Pn	Pn	17 57 30.7	+0.6
NV11	Mina Array Sit	1.96	356	Pn	Pn	17 57 32.9	+0.9
NV11				IAML		17 58 19.4	
NV11	comp=N,15nm,4.8s			IAML		17 58 36.4	
NV11	comp=E,21nm,4.9s			IAML		17 57 33.5	-1.0
NV11	comp=N,25nm,4.3s			IAML		17 57 36.2	+0.2
NV11	comp=N,27nm,4.2s			IAML		17 57 38.5	+1.3
NV11	comp=N,27nm,4.3s			IAML		17 58 08.2	
WAKR	comp=N,27nm,4.2s			IAML		17 58 39.0	
WAKR	comp=E,25nm,4.3s			IAML		17 58 39.0	
CMB	Columbia Colle	2.47	310	Pn	Pn	17 57 40.2	+1.2
CMB				IAML		17 58 15.8	
CMB	comp=N,25nm,1.9s			IAML		17 58 21.7	
CMB	comp=E,27nm,2.9s			IAML		17 58 21.7	
PRN	Pahroc Range	2.52	67	Pn	Pn	17 57 41.5	+1.8

ICC 24 17:59:17.6-0.5,36:40N-117:91W,h0km,mb4.1/14,
 mbmp4.0/21,ML3.9/8,MS3.8/1, Error ellipse:
 s-maj=12.3km s-min=5.7km az=74.0
 REN 24 17:59:19.7-2.0,36:47N-0.01:117.99W-0.02:h4km,2km,
 Error ellipse: s-maj=2.1km s-min=1.6km az=79.0
 PAS 24 17:59:20.0-1.4,36:46N-0.01:117.93W-0.02:h10km,3km,
 Error ellipse: s-maj=2.2km s-min=1.8km az=73.0
 NEIC 24 17:59:19.2-1.8,36:46N-0.01:117.91W-0.02:h10km,1km,
 mb4.3/19,ML4.7/220,ML4.6/11(REN),Mw4.6/6(PAS),
 Error ellipse: s-maj=3.3km s-min=2.6km az=25.0,
 ISC 24 17:59:19.5-0.8,36:43N-0.02:117.90W-0.02:h15km,4km,
 n150,,i1905/148,mb4.2/17, California-Nevada border
 region

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
				Op	ISC	h m s	ISC
CGO	Cerro Gordo	0.14	33	Pg	Pg	17 59 23.3	+0.3
CGO				Pg	Pg	17 59 25.8	+0.5
CWC	Cottonwood Cre	0.15	273	Pg	Pg	17 59 22.8	-0.7
CWC				Sg	Sg	17 59 25.0	-1.2
CWC				IAML		17 59 25.7	
DAC	Darwin (Calif)	0.29	122	Pb	Pb	17 59 26.1	+0.5
DAC				Sb	Sb	17 59 31.0	-0.4
MFS	McCloud Flat S	0.32	174	Pb	Pb	17 59 26.6	+0.5
MFS				Sb	Sb	17 59 31.6	-0.4
WCSM	Coso Springs S	0.42	165	Pb	Pb	17 59 28.5	-0.2
WCSM				Sb	Sb	17 59 34.9	0.0
WRVM	Rose V. Centra	0.42	179	Pb	Pb	17 59 28.4	-0.5
WRVM				Sb	Sb	17 59 34.8	+0.2
JRC2	Joshua Ridge	0.45	171	Pb	Pb	17 59 29.0	-0.3
JRC2				Sb	Sb	17 59 35.9	-0.1
WVPM	Volcano Peak E	0.49	172	Pb	Pb	17 59 29.6	-0.4
WVPM				Sb	Sb	17 59 36.8	-0.2
RCWM	Renegade Canyo	0.52	157	Pb	Pb	17 59 30.4	+0.1
RCWM				Sb	Sb	17 59 37.4	+0.5
WCHM	Chimney Peak	0.57	195	Pb	Pb	17 59 30.7	-0.7
WCHM				Sb	Sb	17 59 38.6	-0.8
WNMM	Nine Mile Canyon	0.59	180	Sb	Sb	17 59 39.4	+0.3
TOW	Tower One	0.63	170	Pb	Pb	17 59 32.7	+0.4
TOW				Sb	Sb	17 59 42.4	+1.4
CLC	China Lake	0.66	158	Pb	Pb	17 59 32.7	-0.2
CLC				Sb	Sb	17 59 42.0	+0.1
TIN	Tinemaha, Big	0.68	337	Pg	Pg	17 59 31.8	-1.0
TIN							

24d 19h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like TOL12, KCP, LUWI, etc.

Station coordinates and metadata:
IDC 24 19:24:58.2, 1.3, 33.64S; 178.49W, h0km, mb4.0/4,
mbmp4.0/6, ML3.5/2, MS2.4/1, Error ellipse: s-maj=34.7km...

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like GLKZ, RAO, MXZ, etc.

2020 JUN

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like ASAR, WRA, WND, etc.

Station coordinates and metadata:
IDC 24 19:31:46.6, 5.4, 36.57N; 71.24E, h203km, mb3.3/6,
mbmp3.9/12, Error ellipse: s-maj=44.0km s-min=23.6km...

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like JMU, TSSA, THN, etc.

1524

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like URZ, RIGZ, PRGZ, etc.

Station coordinates and metadata:
NIED 24 19:42:01.3, 31.32N; 128.76E, h12km, MW3.9, Moment
Tensor Solution, s3 Moment tensor: Scale 10^14Nm...

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other parameters. Includes stations like JSJ, JFSJ, JFU, etc.

Table with columns: JKB, Name, Frequency, Power, Band, and other technical details. Includes entries for Shiba, Ryogami san, Nijima, etc.

Table with columns: JKN, Name, Frequency, Power, Band, and other technical details. Includes entries for Miekikohu, Mihama, Ohasan, etc.

Table with columns: JTY, Name, Frequency, Power, Band, and other technical details. Includes entries for Toyota, Hyugahichiya, HJR, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other parameters. Includes stations like HARP, HAARP, RIDG, F26K, KPJI, KNRA, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other parameters. Includes stations like KKAR, NDI, NPLP, WIS, F28M, DRK, E28M, etc.

Table with columns: Station ID, Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, SNR, and other parameters. Includes stations like WRAB, I30M, I30M, NGP, WB2, WRA, etc.

24d 19h

Table with columns for station name, frequency, and other technical details. Includes stations like Kiev, HFS, DOMB, AK20, NB20, etc.

2020 JUN

Table with columns for station name, frequency, and other technical details. Includes stations like SFJD, WFOF, ISA, MOO, etc.

1534

Table with columns for station name, frequency, and other technical details. Includes stations like TUDR, CFR, TPGR, etc.

1535

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BEIL, KSP, STEB, BKZ, RAZD, RSSD, etc.

2020 JUN

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like PLVB, EPLO, BZS, BFZ, AGMM, SRO, etc.

24d 19h

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KHC, PHCA, PRGS, ROTZ, etc.

24d 19h

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like TUC, EIL, TNS, VAY, TBO, RJOB, etc.

2020 JUN

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like DRME, SQT, TREB, etc.

1536

Table with columns: Station, Frequency, Power, Mode, and other parameters. Includes stations like CEXS, JFWS, N38A, etc.

24d 20h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, IAML, Pn, and various station identifiers like SCNM, CNPM, DHY, etc.

MEX 24 20:06:19.0-0.9, 15.44N-96.69W, h16km, 999km, MD4.8
NEIC 24 20:06:22.6-1.7, 15.91N/0.09-96.31W, 0.05, h20km, 1km,
mb4.4/119, Md4.8/27(MEX), Error ellipse: s-maj=16.0km
s-min=6.6km az=198.0
IDC 24 20:06:29.4-5.1, 16.00N:95.90W, h94km, 37km, mb3.6/4,
mbtmp4.0/5, Error ellipse: s-maj=57.0km s-min=53.9km
az=157.0

ISC 24 20:06:16.1±1.5, 15.43N:0.06:96.69W, 0.03, h10km, 93km,
h153, ±24/04/180, mb4.5/38, Near coast of Oaxaca

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, IAML, Pn, and various station identifiers like HUIG, PEIG, YOIG, etc.

2020 JUN

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, IAML, Pn, and various station identifiers like TX31, SAND, BRDY, etc.

1538

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, IAML, Pn, and various station identifiers like HVU, LOHW, MOOW, etc.

SJA 24 20:11:37.0±0.6, 20.77S:67.40W, h227km, 6km, MLL3.6,
MW3.6
IDC 24 20:11:37.1±1.7, 20.86S:67.17W, h176km, 18km, mb3.1/2,
mbtmp3.7/5, Error ellipse: s-maj=23.2km s-min=16.9km
az=89.0
SCB 24 20:11:38.8±1.7, 20.86S:67.33W, h202km, 10km, MB4.2,
ML3.8/3, Error ellipse: s-maj=4.7km s-min=3.2km az=0.0
GUC 24 20:11:40.6±0.7, 20.83S:67.61W, h215km, 12km, ML3.8
ISC 24 20:11:38.9±0.9, 20.83S:0.04:67.35W, 0.04, h203km, 8km,
n48, ±162/72, 4C, Southern Bolivia

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, IAML, Pn, and various station identifiers like MOCB, PB08, etc.

24d 21h

Table with columns: WBSM, Bird Springs, 0.95 189, Pg, 21 13 06.2, -0.2, GMN, Gold Mountain, 0.99 34, IAML, 21 13 07.1, -0.2, GMN, comp=N,2um,0.4s, IAML, 21 13 21.1, GMN, comp=E,1um,0.5s, IAML, 21 13 21.7, MTUM, Queen Hills, 1.00 331, Pg, 21 13 06.8, -0.5, QSM, Tungen of Sheba, 1.02 120, IAML, 21 13 07.7, -0.1, QSM, comp=N,2um,0.5s, IAML, 21 13 24.4, QSM, comp=E,1um,0.4s, IAML, 21 13 25.0, LRMG, Laurel Mtn Rad, 1.02 167, Pg, 21 13 07.5, -0.2, LRMG, comp=N,2um,0.3s, IAML, 21 13 21.2, +0.1, LRMG, Chr Cany lake, 1.07 153, Pg, 21 13 08.7, +0.1, CCCA, 21 13 23.4, +0.5, CCCA, 21 13 29.1, GUY, Greenwater Val, 1.08 105, Pg, 21 13 08.7, -0.3, GUY, comp=N,1um,0.4s, IAML, 21 13 26.6, GUY, comp=E,1um,0.5s, IAML, 21 13 26.6, VES, Vestal, Richgr, 1.11 235, Pg, 21 13 09.2, -0.2, VES, 21 13 23.7, -0.1, VES, comp=E,1um,0.3s, IAML, 21 13 32.0, VES, comp=N,2um,0.8s, IAML, 21 13 32.0, WCT, Wildcat Mounta, 1.12 73, Pg, 21 13 09.2, -0.4, WCT, comp=E,2um,0.4s, IAML, 21 13 25.5, WCT, comp=N,1um,0.3s, IAML, 21 13 25.6, KCC, Kaiser Creek, 1.38 308, Pn, 21 13 13.3, -0.3, TPNV, Topopah Spring, 1.45 71, IAML, 21 13 14.8, 0.0, TPNV, comp=N,963nm,0.6s, IAML, 21 13 41.9, MDPB, Devils Postpil, 1.46 322, Pn, 21 13 15.0, 0.0, MDPB, 21 13 33.9, -0.4, MDPB, comp=N,992nm,0.7s, IAML, 21 13 34.9, MDPB, comp=E,664nm,0.4s, IAML, 21 13 36.2, FRI, Goldstone, Bar, 1.49 291, Pn, 21 13 15.2, 0.0, GSC, 21 13 14.9, -0.5, GSC, comp=E,1um,0.8s, IAML, 21 13 39.1, GSC, comp=N,733nm,0.5s, IAML, 21 13 41.0, EDW, Edwards Air Fo, 1.59 181, Pn, 21 13 16.5, -0.1, TPO, Tropico Hills, 1.61 188, IAML, 21 13 17.1, +0.2, TPO, comp=N,986nm,0.7s, IAML, 21 13 42.9, TPO, comp=E,1um,0.7s, IAML, 21 13 43.1, TPH, Tonopah, 1.70 20, Pn, 21 13 18.6, +0.4, TPH, comp=E,682nm,0.4s, IAML, 21 13 45.6, TPH, comp=N,426nm,0.5s, IAML, 21 13 46.7, LHV, Little Huntoon, 1.82 346, Pn, 21 13 20.2, +0.6, LHV, comp=E,452nm,0.8s, IAML, 21 13 52.3, LHV, comp=N,408nm,0.7s, IAML, 21 13 53.1, YEG, Yeguas Mountai, 1.93 238, Pn, 21 13 23.2, -0.3, NV11, Mina Array Sit, 1.96 356, Pn, 21 13 21.9, +0.2, NVAR, Mina Array Bea, 1.96 352, Pn, 21 13 22.1, +0.3, JNH, Juniper Hills, 2.03 180, Pn, 21 13 22.6, 0.0, TMC, Table Mountain, 2.11 174, Pn, 21 13 23.9, 0.0, S11A, Rachel, 2.12 56, Pn, 21 13 24.1, +0.1, PKD, Bear Valley Ra, 2.15 256, IAML, 21 13 24.2, -0.2, PKD, comp=N,381nm,1.1s, IAML, 21 13 58.8, PKD, comp=E,351nm,1.1s, IAML, 21 14 01.2, MTPC, Mountain Pass, 2.19 116, Pn, 21 13 24.5, -0.5, MTPC, comp=E,214nm,0.3s, IAML, 21 14 00.9, MTPC, comp=N,201nm,0.3s, IAML, 21 14 03.7, BFSC, Mount Baldy Ra, 2.25 174, Pn, 21 13 25.2, -0.5, BFSC, comp=E,374nm,0.7s, IAML, 21 14 00.2, BFSC, comp=N,247nm,0.6s, IAML, 21 14 02.5, MWC, Mount Wilson, 2.25 182, Pn, 21 13 25.9, +0.1, MWC, comp=N,324nm,0.6s, IAML, 21 14 03.2, MWC, comp=E,225nm,0.9s, IAML, 21 14 07.3, SHPR, Sheep Range, 2.26 89, Pn, 21 13 26.2, +0.4, PMPB, Monarch Peak, 2.31 264, Pn, 21 13 26.9, +0.5, PASC, Pasadena Art C, 2.31 185, Pn, 21 13 25.0, -1.5, PASC, comp=E,203nm,0.9s, IAML, 21 14 04.4, WAKR, Walker Carvers, 2.34 330, Pn, 21 13 27.5, +0.6, Q09A, 2.43 15, Pn, 21 13 28.4, +0.2, Q09A, comp=N,443nm,0.7s, IAML, 21 14 21.8, CMB, Columbia Colle, 2.48 309, Pn, 21 13 30.1, +1.3, CMB, comp=E,275nm,0.5s, IAML, 21 14 07.7, CMB, comp=N,284nm,0.7s, IAML, 21 14 10.5, BBGB, Big Mountain B, 2.48 273, Pn, 21 13 29.3, +0.5, PRN, Pairo Range, 2.51 67, Pn, 21 13 29.1, +0.3, GMRC, Granite Mounta, 2.52 131, Pn, 21 13 28.6, -0.9, KVN, Kaiserville, 2.57 358, Pn, 21 13 30.7, +0.5, PCCM, Crazy Canyon, 2.62 262, Pn, 21 13 32.6, +0.2, HULI, Red Hunter Li, 2.69 261, Pn, 21 13 32.7, +1.2, HULI, comp=N,366nm,0.8s, IAML, 21 14 23.8, HULI, comp=E,315nm,0.7s, IAML, 21 14 25.9, SAO, San Andreas Ge, 2.82 277, Pn, 21 13 34.2, +0.8, ELS, Elninore Moun, 2.86 171, IAML, 21 13 32.7, +0.2, ELS, comp=E,120nm,1.1s, IAML, 21 14 24.0, PNTR, Pine Nut, 2.91 334, IAML, 21 13 35.6, +0.7, PNTR, comp=N,139nm,0.9s, IAML, 21 14 33.0, PNTR, comp=E,142nm,0.9s, IAML, 21 14 52.3, BELC, Belle Mtn. Jos, 2.95 146, Pn, 21 13 35.2, -0.1, BELC, comp=E,150nm,0.4s, IAML, 21 14 24.8, BELC, comp=N,114nm,0.6s, IAML, 21 14 25.5, MHC, Mount Hamilton, 3.07 287, Pn, 21 13 38.3, +1.3, MHC, comp=N,261nm,0.9s, IAML, 21 14 26.4, MHC, comp=E,145nm,0.8s, IAML, 21 14 36.5, DNR, Dunn Ranch,Ans, 3.10 159, Pn, 21 13 38.2, +0.8, DNR, comp=N,240nm,0.5s, IAML, 21 14 32.4, PMD, Palm Desert, 3.11 155, Pn, 21 13 37.5, +0.1, PFO, Pinyon Flats O, 3.12 156, Pn, 21 13 37.5, -0.1, IRM, Iron Mountain, 3.27 134, Pn, 21 13 38.9, -0.7, PAHR, Pah Rah Range, 3.41 341, Pn, 21 13 41.7, 0.0, AFDM, Forest Hills O, 3.43 317, Pn, 21 13 43.2, +1.3, BORB, Borrego Spring, 3.45 158, IAML, 21 13 42.3, +0.2, BORB, comp=E,106nm,0.8s, IAML, 21 14 42.8, BORB, comp=N,73nm,1.0s, IAML, 21 14 47.0, BC3, Big Chuckawall, 3.49 143, IAML, 21 13 41.8, -1.0, BC3, comp=E,70nm,1.4s, IAML, 21 14 54.4, DPP, Dos Picos City, 3.57 166, Pn, 21 13 43.9, +0.1, LCMT, Little Creek M, 3.83 81, Pn, 21 13 48.1, +0.7, CCUT, Cedar City, 3.83 72, Pn, 21 13 48.4, +0.9, PSUT, Pine Spring, 3.86 57, IAML, 21 13 48.1, +0.2, PSUT, comp=E,132nm,0.7s, IAML, 21 14 55.7, BLYC, Blythe, 3.92 133, Pn, 21 13 47.8, -0.7, BLYC, comp=N,60nm,0.8s, IAML, 21 15 04.9, BLYC, 21 15 05.1

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Table with columns: BAR, Barrett, 3.94 164, Pn, 21 13 49.0, +0.2, BAR, comp=E,50nm,0.7s, IAML, 21 14 51.5, BAR, comp=N,53nm,0.7s, IAML, 21 14 54.6, SZCU, Shurtz Canyon, 4.06 73, Pn, 21 13 51.2, +0.6, SZCU, comp=N,41nm,0.5s, IAML, 21 15 01.1, SZCU, comp=E,51nm,0.5s, IAML, 21 15 02.2, SUTB, Sutter Butte, 4.08 313, Pn, 21 13 52.2, +1.4, ORV, Oroville, 4.15 319, IAML, 21 13 52.6, +0.8, ORV, comp=N,96nm,0.8s, IAML, 21 15 00.4, KNB, Kanab, 4.16 81, Pn, 21 13 53.2, +1.2, KNB, comp=N,41nm,1.7s, IAML, 21 15 14.3, YUH, Yuta Desert, 4.18 156, Pn, 21 13 52.0, -0.1, GLA, Glamis, 4.28 142, Pn, 21 13 53.3, -0.3, GLA, comp=E,84nm,0.6s, IAML, 21 15 09.3, GLA, comp=N,50nm,1.4s, IAML, 21 15 24.6, MNRC, McLaughlin Min, 4.29 305, Pn, 21 13 55.1, +1.5, MNRC, comp=E,68nm,2.0s, IAML, 21 15 18.1, MNRC, comp=N,79nm,1.2s, IAML, 21 15 28.7, CBX, Cerro Bola, 4.29 165, Pn, 21 13 54.2, +0.4, CBX, comp=N,87nm,1.2s, IAML, 21 15 11.8, PKCU, Pink Cliffs, 4.63 76, Pn, 21 13 60.0, +1.4, PKCU, comp=N,51nm,0.8s, IAML, 21 15 19.7, PKCU, comp=E,58nm,2.0s, IAML, 21 15 32.0, ELK, Elko, 4.76 26, Pn, 21 14 00.9, +0.5, ELK, comp=E,35nm,0.5s, IAML, 21 15 20.5, ESJX, Sierra Juarez, 4.76 159, Pn, 21 14 00.4, +0.1, ESJX, comp=E,30nm,0.1s, IAML, 21 16 13.1, MTPU, Mount Pierson, 4.87 70, Pn, 21 14 02.6, +0.7, MTPU, comp=E,26nm,1.8s, IAML, 21 15 35.1, MTPU, comp=N,35nm,2.0s, IAML, 21 15 36.2

IDC 24 21:24:01.2:1.9,21:67N:143:13E,h290km,17km, mb3.2/16,mbtmp3.9/19,Error ellipse: s-maj=20.1km s-min=12.9km az=84.0

JMA 24 21:24:01.6:0.5,22:14.2:14:4E:1,h306km,MV4.4/33, MARIANA ISLANDS REGION

ISC 24 21:24:01.9:0.8,21:56N:0:068:143:2E:0.2,h300km,n31, r=1910/34,mb3.5/16,Mariana Islands region

Table with columns: Code, Station Name, delta, Az, Phase ID, Time Res, ISC, h, m, s, ISC, JHH2, Haha-jima-NKT2, 5.06 350, Pn, 21 25 19.9, 0.0, JHH2, 21 26 21.8, -0.7, JCJ, Chichijima, 5.49 351, P, 21 25 25.1, -0.1, JCJ, 103nm,0.6s,baz=274,slow=19,SNR=5.0, S, 21 26 29.8, -2.4, CBIJ, Chichi jima, 5.50 351, Pn, 21 25 26.1, +0.9, CBIJ, Hachijo jima 2, 11.81 346, P, 21 26 42.5, +0.5, BS03, Boso 3, 13.31 350, Pn, 21 27 00.9, +0.9, BS04, Boso 4, 13.52 350, Pn, 21 27 03.7, +1.1, JSD0, Odawara 2, 14.03 346, Pn, 21 27 10.2, +1.4, JRY, Ryogami san, 14.79 346, Pn, 21 27 18.0, +0.1, JRO, Hitakiga, 15.07 348, Pn, 21 27 20.5, -0.6, JHO, Hitachi, 15.08 352, Pn, 21 27 21.4, +0.2, MJAR, Matsushiro Arr, 15.46 345, P, 21 27 24.5, +0.5, JFK, Kawachi, 15.79 353, Pn, 21 27 30.9, +1.4, KSRS, Korea Array, 20.56 323, P, 21 28 21.0, +2.6, USRK, Ussuriysk Ar, 24.32 340, P, 21 28 51.4, -1.5, SONM, Songo Array, 39.38 320, P, 21 31 03.7, +0.5, CMAR, Chiang Mai Arr, 41.59 274, P, 21 31 22.5, +1.1, WRA, Warramunga Arr, 42.24 192, P, 21 31 26.0, -0.5, ASAR, Alice Springs, 45.95 192, P, 21 31 54.6, -1.1, ZALV, Zalesovo Beam, 54.25 322, P, 21 32 56.0, -1.3, MKAR, Makanchi Array, 54.74 313, P, 21 33 00.4, -0.6, KURBB, Kurchatov Arr, 57.56 317, P, 21 33 20.8, +0.1, ILAR, Eielson Array, 62.07 27, P, 21 33 50.9, 0.0, BVAR, Borovoye Array, 62.71 320, P, 21 33 55.9, +0.5, YKA, Yellowstone Ar, 76.48 28, P, 21 35 19.7, +0.9, ARCES, ARCES Array B, 78.97 342, P, 21 35 32.9, +0.6, NVAR, Mina Array Bea, 83.16 51, P, 21 35 56.1, +0.8, FINES, FINESS Array B, 83.22 334, P, 21 35 53.8, -0.9, AKASO, Malin Array Be, 87.55 324, P, 21 36 14.5, -1.7, HFS, Hagfors, 88.77 337, P, 21 36 20.2, -1.6, PLCA, Paso Flores, 145.72 131, PKPbc, PKPab, 21 43 06.8, -0.1, LPAZ, La Paz, 149.93 85, PKPbc, PKIKP, 21 43 19.8, +0.6, PRU 24 21:26:07.4,50:43N:18:83E,h0km,Poland

1540

Table with columns: RLMT, 78nm,0.9s, IAML, 21 32 56.7, PD31, Pinedale Array, 3.30 256, Pn, 21 31 50.3, +1.0, PDAR, Pinedale Array, 3.30 256, Pn, 21 31 51.0, +1.7, PDAR, 12nm,0.3s,baz=67,slow=31,SNR=2.4, Lg, 21 32 36.7, PDAR, Pinedale Array, 3.30 256, Pn, 21 31 51.8, +2.5, BW06, Boulder Array, 3.30 256, Pn, 21 31 50.0, +0.7, BW06, 51nm,1.0s, IAML, 21 32 48.5, HAYD, Ogallala, 3.49 207, Pn, 21 31 52.6, +0.7, OGNE, Ogallala, 3.59 138, Pn, 21 31 54.1, +0.9, YNE, Yellowstone No, 3.70 293, Pn, 21 31 55.8, +1.0, YNE, comp=E,81nm,0.8s, IAML, 21 33 10.4, YMP, Mirror Lake Pi, 3.72 289, Pn, 21 31 56.8, +1.7, YMP, comp=E,88nm,1.0s, IAML, 21 33 17.9, GCMT, Greycliff, 3.83 305, Pn, 21 31 57.3, +0.9, ISCO, Idaho Springs, 3.87 185, IAML, 21 31 58.3, +1.1, ISCO, comp=E,42nm,1.2s, IAML, 21 33 04.0, LOHW, Long Hallow, 3.92 271, Pn, 21 31 58.6, +0.8, LOHW, comp=E,32nm,1.0s, IAML, 21 33 23.8, LOHW, comp=E,32nm,1.0s, IAML, 21 33 29.0, FLWY, Flagg Ranch, 3.99 278, Pn, 21 32 00.4, +1.6, FLWY, comp=E,53nm,1.9s, IAML, 21 33 12.2, MOOW, Moose Ponds, 4.01 273, Pn, 21 32 00.1, +1.0, SNOW, Snow King Moun, 4.04 269, Pn, 21 32 00.3, +0.9, SNOW, comp=E,60nm,1.2s, IAML, 21 32 04.1, +0.9, YPP, Pitchstone Pla, 4.08 281, Pn, 21 32 02.4, +0.9, Q20A, White River Ci, 4.19 214, IAML, 21 33 32.7, Q20A, comp=E,66nm,1.2s, IAML, 21 34 02.5, Q20A, comp=E,53nm,2.9s, IAML, 21 32 02.4, +0.5, YHH, Holme Hill, 4.21 287, Pn, 21 32 01.8, -0.2, FXWY, Fox Creek, 4.22 272, Pn, 21 32 22.9, FXWY, comp=E,28nm,0.1s, IAML, 21 32 03.3, +0.1, E28A, Huff, 4.32 46, Pn, 21 32 03.3, +0.1, AHID, Auburn Hatcher, 4.40 260, IAML, 21 33 32.0, AHID, comp=E,48nm,1.4s, IAML, 21 33 33.5, AHID, comp=E,51nm,1.5s, IAML, 21 33 35.6, YHB, Horse Butte, 4.44 286, Pn, 21 32 05.8, +0.8, YHB, comp=E,23nm,1.3s, IAML, 21 33 35.6, YHB, comp=N,24nm,1.1s, IAML, 21 33 44.8, YHL, Hebggen Lake, 4.45 288, Pn, 21 32 05.7, +0.5, YHL, comp=N,49nm,1.0s, IAML, 21 33 37.5, YHL, comp=N,38nm,1.0s, IAML, 21 33 37.9, ECR, Eagle Creek, 4.53 264, Pn, 21 32 07.2, +0.9, Q24A, Divide, 4.69 179, IAML, 21 32 09.4, +0.5, Q24A, comp=E,43nm,1.1s, IAML, 21 33 33.9, Q24A, comp=N,23nm,3.9s, IAML, 21 34 36.8, DGMT, Dagmar, 4.86 8, Pn, 21 32 12.2, +1.7, BOZ, Bozeman (W), 4.97 295, IAML, 21 32 13.3, +1.1, BOZ, comp=N,17nm,1.1s, IAML, 21 33 39.4, BOZ, comp=N,18nm,1.1s, IAML, 21 32 14.4, +1.3, KSCO, Kaye Shedlock, 5.04 156, Pn, 21 32 13.3, -0.3, HWUT, Hardware Ranch, 5.12 249, IAML, 21 34 03.3, HWUT, comp=N,27nm,0.9s, IAML, 21 34 03.3, BSUT, Blindstream Ca, 5.18 235, Pn, 21 32 15.4, +0.2, BSUT, comp=N,19nm,1.0s, IAML, 21 34 05.3, BSUT, comp=E,21nm,2.5s, IAML, 21 34 05.3, TCUT, Toone Canyon, 5.25 243, Pn, 21 32 16.1, +0.1, P18A, Preston Nutter, 5.52 225, Pn, 21 32 19.5, -0.4, CTI, Camp Tracy, 5.69 241, Pn, 21 32 22.1, -0.1, MDND, Maddock, 5.74 41, Pn, 21 32 22.6, +0.1, PV22, Blue Mesa, Par, 5.79 209, Pn, 21 32 24.2, +0.7, PV07, Paradox Valley, 5.83 208, Pn, 21 32 24.5, +0.5, PV21, Cone Mtn., Par, 5.83 210, Pn, 21 32 24.6, +0.5, SPUT, South Promonto, 5.85 192, Pn, 21 32 25.2, +1.0, CTU, Hansel Valley, 5.85 254, Pn, 21 32 25.7, +1.0, SDRC, Great Sand Dun, 5.91 182, Pn, 21 32 25.8, +0.5, PV04, Paradox Valley, 5.96 209, Pn, 21 32 26.8, +1.0, S22A, 4UR Ranch, Cre, 6.04 192, Pn, 21 32 28.0, +1.1, ELK, Elko, 8.00 252, Pn, 21 32 53.4, -0.4, ELK, comp=E,0.1nm,0.3s,baz=310,slow=20,SNR=1.8, Lg, 21 35 05.9, ELK, comp=E,0.1nm,0.3s,baz=112,slow=18,SNR=1.3, Pn, 21 35 08.8, ULM, Lac du Bonnet, 9.17 41, Pn, 21 33 05.8, -0.9, ULM, comp=E,0.7nm,0.3s,baz=223,slow=11,SNR=6.1, Lg, 21 35 40.6, ULM, comp=E,0.3nm,0.3s,baz=324,slow=19,SNR=1.3, Pn, 21 35 40.6, I65U, NEWPORT INFRAS 9.49 303, I, 22 25 10.0, YBH, Yreka Blue Hor, 13.02 268, Pn, 21 34 04.3, +1.8, TXAR, Lajitas Array, 14.35 175, Pg, P, 21 35 15.7, +4.8, TXAR, baz=10,slow=23,SNR=2.4, Lg, 21 38 24.2, NDI 24 21:33:40.1:2.9,26:19N:94:27E,h10km,ML3.5,MW3.4, Presumed earthquake

IDC 24 21:33:42.2:4.1,26:19N:94:41E,h42km,40km,mb3.4/11, mbtmp3.6/12,ML3.3/1,Error ellipse: s-maj=33.3km s-min=15.2km az=54.0

ISC 24 21:33:39.5:1.3,26:20N:0:005:94:35E:0:06,h20km,5km, n21,r1908/26,mb3.6/11,Northeastern India

Table with columns: Code, Station Name, delta, Az, Phase ID, Time Res, ISC, h, m, s, ISC, ZIRO, ZIRO, 1.39 341, eS, Pn, 21 34 05.8, -0.7, ZIRO, 21 34 25.3, +0.6, ZIRO, comp=N,839nm,0.3s, IAML, 21 34 28.7, ZIRO, comp=E,990nm,0.5s, IAML, 21 34 35.6, IMP, Imphal, 1.41 195, eP, Pn, 21 34 04.3, +0.1, IMP, 21 34 29.4, TEZP, TEZPUR, 1.45 287, eS, Pn, 21 34 05.0, -0.9, TEZP, 21 34 26.7, TEZP, comp=N,920nm,0.3s, IAML, 21 34 28.0, SHL, Shillong, 2.31 255, IAML, 21 34 51.6, SHL, comp=E,624nm,0.3s, IAML, 21 34 52.5, SHL, comp=N,747nm,0.3s, IAML, 21 34 52.5, GUWA, GUWAHATI, 2.39 270, eS, Pn, 21 34 17.9, +0.4, GUWA, 21 34 54.4, GUWA, comp=N,275nm,0.4s, IAML, 21 34 54.6, TAWA, Tawang, 2.61 303, eP, Pn, 21 34 23.0, +2.0, TAWA, 21 35 04.7, TAWA, comp=N,723nm,0.3s, IAML, 21 35 04.8, TAWA, comp=E,930nm,0.4s, IAML, 21 35 08.2, ACT, Agartala, 3.64 231, eS, Sn, 21 35 18.2, +1.1, DHUB, DHUBRI, 3.92 268, eP, Pn, 21 34 38.3, -0.3, DHUB, 21 35 22.1, -1.9, BOK, Bokaro, 8.04 254, eP, Pn, 21 35 37.5, +2.2, CMAR, Chiang Mai Arr, 8.00 150, Pn, 21 35 47.1, +1.3, CMAR, comp=E,0.1nm,0.3s,baz=331,slow=14,SNR=1.5

NP13032.24000°.566.72000°.1107.59000°. NP2: 0.182.22000°.637.17000°.165.28000°. Principal axes: T 3.1121, Pig2.70000°, Azm346.0000°; N -0.4214, Pig15.0000°, Azm202.0000°; P -2.6907, Pig10.0000°, Azm110.0000°; Moment Tensor Solution. Moment tensor: Scale 1017 Nm; Mr1:8.8; M0:0.17; M0:1.71; M0:0.73; M0:1.22; M0:0.27; Fault plane solution: M2.310000x1017 NP13032.24000°.566.72000°.1107.59000°.165.28000°. NP2:0.182.22000°.637.17000°.165.28000°.110.88000°. Principal axes: T 2.1178, Pig17.0000°, Azm7.0000°; N 0.3490, Pig17.0000°, Azm213.0000°; P -2.4668, Pig8.0000°, Azm10.0000°.

NEIC 2422:20:02.44.64S.167.47E.h10km NOU 2422:20:03.6.44.75S.167.71E.h8km,ML5.5/12, South Island, New Zealand

GFZ 2422:20:04.0.44.69S.167.54E.h12km,MW5.5,Moment Tensor Solution. s36 Moment tensor: Mr2:0.5; M0:0.25; M0:1.81; M0:0.28; M0:0.71; M0:0.27; Fault plane solution: NP130205.00000°.850.00000°.795.00000°. NP2:0.16.00000°.840.00000°.182.00000°. Principal axes: T 2.1000, Pig3.0000°, Azm154.0000°; N 0.0100, Pig4.0000°, Azm21.0000°; P -2.1150, Pig4.0000°, Azm291.0000°.

NEIC 2422:20:04.44.94S.167.61E.h22km,Moment Tensor Solution. Duration: 30 Moment tensor: Scale 1017Nm; Mr:2.18; M0:0.30; M0:1.88; M0:1.12; M0:1.62; M0:0.15; Fault plane solution: M2.840000x1017 NP1: 0.187.25000°.845.84000°.151.51000°. NP2:0.56.03000°.855.84000°.122.66000°. Principal axes: T 2.7391, Pig63.0000°, Azm23.0000°; N 0.1989, Pig27.0000°, Azm216.0000°; P -2.9380, Pig5.0000°, Azm123.0000°.

GCMT 2422:20:06.0.0.1.44.56S:0.01:167.39E:0.01,h17km,MW5.6/153,Moment Tensor Solution. s138,c253; s153,c306. Duration: 196 Moment tensor: Scale 1017 Nm; Mr:2.28; M0:0.4; M0:1.0; M0:0.3; M0:2.19; M0:0.3. Principal axes: T 1.50; M0:2.05; M0:1.82; double couple: M3.378000x1017 NP1:0.51.00000°.833.00000°.129.00000°. NP2:0.187.00000°.865.00000°.168.00000°. Principal axes: T 3.2320, Pig63.0000°, Azm61.0000°; N 0.2880, Pig20.0000°, Azm196.0000°; P -3.5250, Pig17.0000°, Azm293.0000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 2422:20:03.40.5.44.73S:0.02:167.58E:0.02,h16km,2km, 57C-43D, South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like KIW Kapiti Island, PAWZ Paruru Farm, TRWZ Traveller, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like RAO Raoul Island, AUDDS Dubbo College, AUHPC Hawkesdale P12, etc.

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like MSZ Milford Sound, GLEN Glenorchy, TAFS Te Anau Fire S, etc.

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like URZ Urewera, RAGZ Rawiri, MBAZ Motutapu North, etc.

Main station list table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Lists stations like STKA Stephens Creek, STKA Stephens Creek, STKA Stephens Creek, etc.

1543

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like WRAB, CASY Casey, COEN Coen, etc.

2020 JUN

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like DBNI Kabupaten Domp, BSSI Bau Bau, BELA BELA, etc.

24d 22h

Table with columns: Station, Name, Frequency, Power, Modulation, and other technical details. Includes stations like KIP, PDSI Padang, PPI Padang Panjang, etc.

24d 22h

2020 JUN

1544

Table with columns for station name, frequency, mode, and signal strength. Includes stations like AAGR Agrelo, AUSA08 Ussuriysk Arra, and USA0B Ussuriysk Arra.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like USA0B Ussuriysk Arra, USA0B Ussuriysk Arra, and USA0B Ussuriysk Arra.

Table with columns for station name, frequency, mode, and signal strength. Includes stations like LZH comp=Z,140nm,4.5s, LZH comp=Z,370nm,17.2s, and LZH comp=Z,390nm,17.9s.

MNTX	Cornudas Mount	109.59	65	IAMS_20	IAMS_20	23	20	33.2	
N19K	Bonanza Creek	109.62	19	IAMS_20	IAMS_20	23	18	49.7	
ELK	Elko	109.62	52	PKKPbc	PKKPbc	22	49	41.6	+4.7
ELK	Elko	109.62	52	IAMS_20	IAMS_20	23	17	22.2	
NLWA	Neilton Lookou	109.73	42	IAMS_20	IAMS_20	23	19	51.2	
M18K	Stony River	109.93	18	P	PKIKP	22	38	32.6	0.0
L17K	Donlin	109.99	16	P	PKIKP	22	38	32.3	-0.4
SEW	Seward	110.23	21	IAMS_20	IAMS_20	23	17	48.0	
SL2K	Skilak Lake	110.38	21	IAMS_20	IAMS_20	23	20	59.0	
OLKM	Cooper Landing	110.48	21	IAMS_20	IAMS_20	23	18	18.7	
K17K	Iditarod	110.52	16	P	PKIKP	22	38	33.4	-0.2
DUG	Dugway, Tooele	110.63	54	IAMS_20	IAMS_20	23	24	11.1	
P23K	Montague Islan	110.68	22	P	PKIKP	22	38	33.9	-0.2
YAK	Yakuts	110.69	342	IAMS_20	IAMS_20	23	29	10.8	
L19K	White Mountain	110.75	18	IAMS_20	IAMS_20	23	19	16.6	
L19K	White Mountain	110.75	18	P	PKIKP	22	38	34.3	+0.1
M20K	Styx River	110.88	19	IAMS_20	IAMS_20	23	19	49.9	
J17K	VAM Dome	110.99	15	IAMS_20	IAMS_20	23	16	57.7	
J17K	VAM Dome	110.99	15	P	PKIKP	22	38	34.7	+0.2
RC01	Rabbit Creek A	111.00	21	IAMS_20	IAMS_20	23	21	18.3	
ANM	Nome	111.01	12	IAMS_20	IAMS_20	23	22	11.0	
ANM	Nome	111.01	12	P	PKIKP	22	38	34.9	+0.3
ALQ	Albuquerque	111.02	61	IAMS_20	IAMS_20	23	17	31.7	
TASM	ASL Pad, Albuq	111.02	61	IAMS_20	IAMS_20	23	17	31.7	
TASM	ASL Pad, Albuq	111.02	61	IAMS_20	IAMS_20	23	17	31.7	
TASM	ASL Pad, Albuq	111.02	61	IAMS_20	IAMS_20	23	17	31.6	
ANMO	Albuquerque	111.02	61	PKKP		22	49	44.2	
I17K	Unalakleet	111.14	14	P	PKIKP	22	38	34.3	-0.5
HAWA	Hanafor	111.17	45	IAMS_20	IAMS_20	23	19	33.5	
MVCO	Mesa Verde	111.23	58	IAMS_20	IAMS_20	23	18	01.0	
HIN	Hinchinbrook I	111.26	23	IAMS_20	IAMS_20	23	18	20.3	
BMO	Blue Mountains	111.27	48	IAMS_20	IAMS_20	23	19	23.4	
GLI	Glacier Island	111.51	22	IAMS_20	IAMS_20	23	18	40.8	
GLI	Glacier Island	111.51	22	P	PKIKP	22	38	35.5	-0.2
TNA	Tin City	111.59	11	P	PKIKP	22	38	35.7	+0.1
EYAK	Cordova Ski Ar	111.59	23	IAMS_20	IAMS_20	23	18	37.2	
EYAK	Cordova Ski Ar	111.59	23	P	PKIKP	22	38	35.8	0.0
KNK	Knik Glacier	111.60	21	IAMS_20	IAMS_20	23	18	40.9	
RAGM	Ragged Mountai	111.76	23	IAMS_20	IAMS_20	23	18	49.6	
K20K	Telida	111.97	18	IAMS_20	IAMS_20	23	20	05.2	
K20K	Telida	111.97	18	P	PKIKP	22	38	37.3	+0.8
SML	Sawmill	111.97	21	IAMS_20	IAMS_20	23	21	54.9	
SML	Sawmill	111.97	21	P	PKIKP	22	38	36.3	-0.2
PPLA	Purkeypile	111.98	19	IAMS_20	IAMS_20	23	20	15.0	
PPLA	Purkeypile	111.98	19	P	PKIKP	22	38	36.1	-0.6
L22K	Petersville	111.99	19	IAMS_20	IAMS_20	23	23	54.3	
L22K	Petersville	111.99	19	P	PKIKP	22	38	36.6	+0.1
CUT	Chulitna	112.00	20	IAMS_20	IAMS_20	23	17	33.8	
BERG	Berg Lake	112.04	24	IAMS_20	IAMS_20	23	20	47.7	
DIV	Divide	112.07	22	IAMS_20	IAMS_20	23	18	45.8	
V35K	Ketchikan	112.14	33	IAMS_20	IAMS_20	23	17	43.3	
U33K	Whale Pass	112.16	31	IAMS_20	IAMS_20	23	16	28.8	
F15K	North Star Dit	112.19	12	IAMS_20	IAMS_20	23	18	30.2	
J19K	Poorman	112.21	17	P	PKIKP	22	38	36.2	-0.6
H17K	Granite Mounta	112.24	14	IAMS_20	IAMS_20	23	19	44.8	
SCM	Sheep Creek Mo	112.25	21	IAMS_20	IAMS_20	23	19	10.3	
BMRM	Bremner River	112.26	23	P	PKIKP	22	38	35.3	-1.9
HWUT	Hardware Ranch	112.27	53	IAMS_20	IAMS_20	23	18	29.4	
KLU	Klutina	112.33	22	IAMS_20	IAMS_20	23	19	15.7	
KLU	Klutina	112.33	22	P	PKIKP	22	38	35.5	-1.8
CAST	Castle Rocks	112.46	18	IAMS_20	IAMS_20	23	20	40.7	
CAST	Castle Rocks	112.46	18	P	PKIKP	22	38	36.4	-1.0
S31K	Pelican	112.46	29	P	PKIKP	22	38	35.4	-2.1
JCT	Junction City	112.46	69	IAMS_20	IAMS_20	23	17	19.4	
CRQM	Circle	112.50	24	IAMS_20	IAMS_20	23	21	13.5	
T22A	4UR Ranch, Cre	112.59	59	IAMS_20	IAMS_20	23	18	57.2	
SGLA	Tana Glacier	112.59	24	IAMS_20	IAMS_20	23	21	24.5	
S32K	Killisnoo	112.66	30	IAMS_20	IAMS_20	23	22	16.8	
J20K	Novinta River	112.67	17	P	PKIKP	22	38	36.3	-1.4
WRAK	Wrangell Islan	112.68	31	IAMS_20	IAMS_20	23	17	59.4	
H18K	Honhosa River	112.72	15	IAMS_20	IAMS_20	23	18	56.0	
H18K	Honhosa River	112.72	15	P	PKIKP	22	38	38.0	+0.2
MSTX	Muleshoe	112.73	64	IAMS_20	IAMS_20	23	23	05.3	
735A	Kenedy	112.77	71	IAMS_20	IAMS_20	23	22	56.6	
WAT6	Susitna Watana	112.77	21	P	PKIKP	22	38	38.2	0.0
PAC1	Susitna Watana	112.78	20	P	PKIKP	22	38	37.8	-0.3
WAT3	Pinnacle	112.83	25	IAMS_20	IAMS_20	23	18	44.9	
KTH	Kantishna Hill	112.84	19	IAMS_20	IAMS_20	23	20	29.7	
GRNC	Granite Creek	112.88	24	IAMS_20	IAMS_20	23	23	49.3	
TRF	Thoroare Moun	112.89	19	IAMS_20	IAMS_20	23	22	12.3	
TRF	Thoroare Moun	112.89	19	P	PKIKP	22	38	38.9	-0.2
MCARA	McCarthy VSAT	113.04	23	P	PKIKP	22	38	38.9	+0.3
WMQ	Urumqi	113.16	309	ePKP	PKIKP	22	38	40.3	+0.9
WMQ				LR	LR				

WMQ	comp=Z,180nm,24.1s			LR	LR				
WMQ	comp=Z,290nm,24.1s			LR	LR				
BARN	comp=Z,250nm,24.2s			LR	LR				
BWM	Barnard Glacier	113.17	24	IAMS_20	IAMS_20	23	24	17.0	
LOGN	Logan Glacier	113.18	25	IAMS_20	IAMS_20	23	24	06.2	
U35K	Hyder	113.19	33	IAMS_20	IAMS_20	23	18	13.6	
P29M	Windy Craggy	113.25	27	IAMS_20	IAMS_20	23	20	01.8	
P29M	Windy Craggy	113.25	27	P	PKIKP	22	38	38.8	-0.2
DHY	Denali Highway	113.28	21	IAMS_20	IAMS_20	23	20	29.6	
DHY	Denali Highway	113.28	21	P	PKIKP	22	38	38.6	-0.6
R32K	Eaglecrest	113.29	29	P	PKIKP	22	38	38.8	-0.3
HARP	HAARP	113.29	22	P	PKIKP	22	38	39.9	-0.1
G18K	Tagagawik	113.34	14	IAMS_20	IAMS_20	23	19	26.3	
G18K	Tagagawik	113.34	14	P	PKIKP	22	38	38.8	-0.2
O28M	Mount Upton	113.38	25	IAMS_20	IAMS_20	23	24	30.1	
O28M	Mount Upton	113.38	25	P	PKIKP	22	38	39.2	-0.4
F17K	Galduw Pennin	113.40	13	P	PKIKP	22	38	39.0	-0.1
SDCO	Great Sand Dun	113.40	60	IAMS_20	IAMS_20	23	19	13.7	
H19K	Roundabout Mou	113.41	15	IAMS_20	IAMS_20	23	24	06.3	
H19K	Roundabout Mou	113.41	15	P	PKIKP	22	38	39.5	+0.4
O28K	McKinley	113.45	19	P	PKIKP	22	38	39.3	0.0
M9KM	Mount Kennedy	113.51	26	IAMS_20	IAMS_20	23	22	31.6	
PLBC	Pleasant Camp	113.56	28	P	PKIKP	22	38	39.5	0.0
PAX	Paxson	113.68	21	IAMS_20	IAMS_20	23	19	32.2	
PAX	Paxson	113.68	21	P	PKIKP	22	38	40.0	+0.2
H20K	Annottebeega Mo	113.69	16	P	PKIKP	22	38	40.2	+0.5
F18K	Selawik	113.81	14	P	PKIKP	22	38	40.1	+0.4
G19K	Purcell Mounta	113.84	15	IAMS_20	IAMS_20	23	18	25.7	
G19K	Purcell Mounta	113.84	15	P	PKIKP	22	38	40.6	+0.6
M26K	Nabesna, AK	113.88	23	P	PKIKP	22	38	40.1	0.0
T35M	Bob Quinn	113.88	32	IAMS_20	IAMS_20	23	18	03.7	
T35M	Bob Quinn	113.88	32	P	PKIKP	22	38	40.3	0.0
P30M	Million Dollar	113.88	27	P	PKIKP	22	38	40.6	+0.3
E17K	Hotham Inlet	113.90	13	P	PKIKP	22	38	40.5	+0.5
YU8K	Steele Glacier	113.91	25	P	PKIKP	22	38	40.9	+0.3
I21K	Tanana	114.01	17	IAMS_20	IAMS_20	23	19	38.6	
I21K	Tanana	114.01	17	P	PKIKP	22	38	40.5	+0.2
AMTX	Amarillo	114.01	64	IAMS_20	IAMS_20	23	18	52.1	
YU3K	Moose Creek	114.10	24	P	PKPfd	22	38	40.3	-0.6
MLY	Manley	114.15	18	IAMS_20	IAMS_20	23	21	22.3	
MLY	Manley	114.15	18	P	PKPfd	22	38	40.3	-0.3
M27K	Edge Creek, AK	114.15	23	P	PKPfd	22	38	40.8	0.0
NEA2	Nenana	114.15	19	P	PKPfd	22	38	40.5	-0.1
BW06	Boulder Array	114.16	53	IAMS_20	IAMS_20	23	20	01.4	
PDAR	Pinedale Array	114.16	53	PKKPbc	PKKPbc	22	49	24.4	+2.5
BRWY	Burwash Landin	114.20	25	P	PKIKP	22	38	40.9	+0.1
S34M	Telegraph Cree	114.23	31	IAMS_20	IAMS_20	23	17	42.9	
S34M	Telegraph Cree	114.23	31	P	PKIKP	22	38	41.0	+0.1
HYT	Haines Junctio	114.25	26	P	PKPfd	22	38	41.0	-0.1
H21K	Melozitna Rive	114.25	17	P	PKPfd	22	38	40.6	-0.1
D17K	Noatak River	114.28	12	P	PKIKP	22	38	40.9	+0.2
L26K	Log Cabin Wild	114.29	22	IAMS_20	IAMS_20	23	27	58.3	
L26K	Log Cabin Wild	114.29	22	P	PKPfd	22	38	40.7	-0.2
K24K	Donnelly Dome	114.29	21	IAMS_20	IAMS_20	23	22	44.2	
K24K	Donnelly Dome	114.29	21	P	PKPfd	22	38	40.8	-0.1
YU4K	Talbot Arct	114.30	25	P	PKPfd	22	38	40.7	-0.5
F19K	Shalerucik Mo	114.34	14	IAMS_20	IAMS_20	23	21	18.8	
F19K	Shalerucik Mo	114.34	14	P	PKIKP	22	38	41.0	+0.1
M50	Missoula	114.34	48	IAMS_20	IAMS_20	23	23	01.7	
Q24A	Divide	114.38	59	IAMS_20	IAMS_20	23	20	08.4	
E18K	Tukpahlearik C	114.40	13	P	PKPfd	22	38	40.9	-0.1
RIDG	Independent Ri	114.47	21	IAMS_20	IAMS_20	23	20	28.1	
RIDG	Independent Ri	114.47	21	P	PKIKP	22	38	41.6	+0.3
BVCY	Beaver Creek	114.49	24	P	PKIKP	22	38	41.8	

24d 22h

2020 JUN

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like F25K Christian River, SHLS Shalkode, J30M Hart River, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like USP Osenovka, SGDS Sogindya, WRGLY Wrigley, etc.

Table with columns: Station ID, Name, Frequency, Power, Mode, and other technical details. Includes stations like SABA Saba, SEUS St. Eustatius, P53A Whipple, etc.

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

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

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

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like BORK Borovoye, I28M I28M, E29M E29M, EPYK EPYK, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like NACGM Naroch, NC405 NORSAR Array S, HFS Hagfors, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like TORD TORD, TORD Torodi Ar. Bea, ESDC Sonseca Array, etc.

24d 23h

Table with columns: Code, Station Name, AZ, Phase ID, Time, Res. Includes stations like H10S2 ASCENSION HYDR48.54, H10S3 ASCENSION HYDR48.54, PTBL Pontes e Lacer, etc.

Table with columns: Code, Station Name, AZ, Phase ID, Time, Res. Includes stations like KLY Kiyuchi, KMNr Kamenitsya, KMNr Kamenitsya, etc.

2020 JUN

Table with columns: Code, Station Name, AZ, Phase ID, Time, Res. Includes stations like KLY Kiyuchi, KMNr Kamenitsya, KMNr Kamenitsya, etc.

Table with columns: Code, Station Name, AZ, Phase ID, Time, Res. Includes stations like MSVF Nonsavu, MSVF Nonsavu, MSVF Nonsavu, etc.

1550

Table with columns: Code, Station Name, AZ, Phase ID, Time, Res. Includes stations like EIDS Eidsvold, ARMA Armidale, COEN Coen, etc.

Table with columns: Code, Station Name, AZ, Phase ID, Time, Res. Includes stations like GLKZ Green Lake, GLKZ Green Lake, GLKZ Green Lake, etc.

RPZ	Rata Peaks	12.97 216	Pn	Pn	23 22 50.9	-1.9
MSVF	Nonsavu	16.21 348	Pn	Pn	23 23 35.3	-1.1
OUENC	Ouen Island, N	17.20 307	Pn	Pn	23 23 48.4	-0.5
DZM	Mont Dzumac	17.17 307	P	P	23 23 55.4	+0.1
KOUNC	Koumac, New Ca	20.20 306	P	P	23 24 23.0	-0.4
CAN CAN	Canberra	26.88 257	P	P	23 25 27.1	-2.4
EIDS	Eidsvold	27.77 279	P	P	23 25 36.3	-1.2
CTAO	Charters Tower	34.16 284	P	P	23 26 33.8	-0.1
BBOO	Buckleboo	37.89 258	P	P	23 27 04.5	-1.3
COEN	Coen	39.99 290	P	P	23 27 23.0	-0.5
AS31	Alice Springs	42.73 271	P	P	23 27 44.6	-1.4
ASAR	Alice Springs	42.73 271	P	P	23 27 45.0	-1.0
ASAR	Alice Springs	42.73 271	P	P	23 27 44.6	-1.4
WR8	Warramunga Arr	43.88 276	P	P	23 27 54.0	-1.2
WRA	Warramunga Arr	44.02 276	P	P	23 27 55.5	-0.8
WRA	Warramunga Arr	44.02 276	P	P	23 27 55.4	-1.0
WBO	Warramunga Arr	44.05 276	P	P	23 27 55.4	-1.3
MANU	Manus Island	44.92 307	P	P	23 28 03.9	+0.3
FORT	Forrest	44.99 258	P	P	23 28 02.5	-1.5
KNRA	Kunurra	50.73 277	P	P	23 28 48.4	-0.3
CASY	Casey	51.21 209	P	P	23 28 56.6	-1.7
FITZ	Fitzroy Crossi	56.42 180	P	P	23 28 58.3	-0.8
QSPA	South Pole Qui	56.43 180	P	P	23 29 31.2	+1.2
QSPA	South Pole Qui	56.43 180	P	P	23 29 29.0	-1.0
BELA	Belgrano 2	66.58 172	P	P	23 30 36.9	-1.3
BELA	Belgrano 2	66.58 172	P	P	23 30 39.3	-1.3
ESPP	Base Esperanza	72.69 156	P	P	23 31 14.9	-1.1
TROLL	Troll, Antarti	74.59 180	P	P	23 31 27.4	+0.1
SNAA	Sanae	74.89 179	P	P	23 31 27.8	-1.1
SNAA	Sanae	74.89 179	P	P	23 31 28.1	-0.9
VNA3	Neumayer Olymp	75.05 176	P	P	23 31 29.5	-0.3
VNA2	Neumayer-Watz	75.48 177	P	P	23 31 32.5	+0.2
AC05	El Transito	87.83 123	P	P	23 32 38.1	-0.3
PETK	Petrovavlovsk-	88.91 346	P	P	23 32 42.7	+0.2
PETK	Petrovavlovsk-	88.91 346	P	P	23 32 43.1	+0.6
TXAR	Lajitias Arr	94.41 58	P	P	23 33 08.3	-0.4
HHC	Hu-ho-hao-te	98.29 314	eP	eP	23 33 28.8	+2.7
HHC	Hu-ho-hao-te	98.29 314	eP	eP	23 33 28.8	+2.7
LZH	Lanzhou	100.43 306	eP	eP	23 33 29.3	-6.5
LZH	Lanzhou	100.43 306	eP	eP	23 33 40.8	+3.3
MKAR	Makanchi Arr	119.62 309	PKP	PKP	23 38 36.4	-1.8
ZALV	Zalesovo Beam	120.25 317	PKP	PKP	23 38 37.7	-1.4
ZALV	Zalesovo Beam	120.25 317	PKP	PKP	23 38 38.2	-0.9
KURBB	Kurchatov Arr	120.25 317	PKP	PKP	23 38 43.6	-1.1
BVAR	Borovyoye Arr	128.50 314	PKP	PKP	23 38 54.8	-0.2
ARCES	Arceburgo Arr	151.94 350	PKP	PKP	23 39 16.8	-2.4
GEVA	Gevras	146.38 290	PKP	PKP	23 39 29.0	+0.6
KBZ	Khabaz	146.38 290	PKP	PKP	23 39 29.9	+1.6
GURO	Guroyark-BITLI	147.40 290	PKP	PKP	23 39 30.7	+0.9
FINES	FINESS Array B	148.09 338	PKP	PKP	23 39 33.1	+2.8
FINES	FINESS Array B	148.09 338	PKP	PKP	23 39 32.6	+2.3
GAZ	Gaziantep	150.91 287	PKP	PKP	23 39 39.1	+3.4
NIC03	NORSAR Array S	151.74 350	PKP	PKP	23 39 44.2	+0.5
MMAI	Mount Meron Arr	151.86 278	PKP	PKP	23 39 42.3	+5.8
NB2	NORSAR Array S	151.94 350	PKP	PKP	23 39 42.6	+6.1
NOA	NORSAR Array S	151.94 350	PKP	PKP	23 39 42.6	+6.1
NB000	NORSAR Array S	152.01 351	PKP	PKP	23 39 42.6	+6.3
HFS	Hagfors	152.38 347	PKP	PKP	23 39 42.7	+5.7
DBIC	Dimbokro	152.45 166	PKP	PKP	23 39 35.6	-3.0
DBIC	Dimbokro	152.45 166	PKP	PKP	23 39 43.6	+3.2
NACGM	Malin Array B	153.64 318	PKP	PKP	23 39 45.5	+6.3
AKASG	Malin Array B	153.64 318	PKP	PKP	23 39 45.5	+6.3
BR131	Keskin Array S	153.74 293	PKP	PKP	23 39 46.6	+6.7
BRTR	Keskin Array B	153.74 293	PKP	PKP	23 39 47.6	-0.1
BRTR	Keskin Array B	153.74 293	PKP	PKP	23 39 59.5	-1.1
TORD	Torodi Arr, Bea	159.55 180	PKP	PKP	23 40 25.6	-0.2
CLL	Collin	160.54 338	ePKP	ePKP	23 39 48.0	+0.1
CLL	Collin	160.54 338	ePKP	ePKP	23 40 28.0	-1.3
GERES	GERESS Array B	162.38 333	PKP	PKP	23 40 36.1	-1.4

TRN 24 23:51:02.6, 17.40N-60.17W, h42km, MD3.5, Far North-east of Antigua, Leeward Islands

Code	Station Name	Δ° AZ°	Phase ID	Time Res	h m s ISC
ANWB	Willy Bob	1.56 280	Op	23 51 29.7	+1.8
ANWB	Willy Bob	1.56 280	eS	23 51 49.0	+2.0
MAGL	Barre de l'île	1.79 217	eS	23 51 54.6	+2.0
ATGZ	Broadband at L	1.98 229	eP	23 51 38.5	+2.2
TBG	Guadaloupe-3	2.09 223	eS	23 51 37.1	+1.9
TBG	Guadaloupe-3	2.09 223	eS	23 52 02.3	+2.3
DSLB	Salisbury	2.29 212	eS	23 51 39.0	+1.0
DSLB	Salisbury	2.29 212	eS	23 52 06.8	+1.8

WEL 24 23:54:19.7, 0.8, 45°S, 4°16'8"E, h5km, M3.7/12, ML3.5/6, MLV3.7/12, Error ellipse: s-maj=7.3km s-min=3.5km az=126.2, confirmed, South Island

Code	Station Name	Δ° AZ°	Phase ID	Time Res	h m s ISC
MSZ	Milford Sound	0.27 91	Op	23 54 25.7	+0.7
MSZ	Milford Sound	0.27 91	S	23 54 29.3	+0.8
GLNY	Glenorchy	0.62 108	P	23 54 32.1	+0.1

TAFS	Ta Anau Fire S	0.76 171	P	Pb	23 54 55.0	-0.4
TAFS <td>Ta Anau Fire S</td> <td>0.76 171</td> <td>P</td> <td>Pb</td> <td>23 54 45.9</td> <td>-0.1</td>	Ta Anau Fire S	0.76 171	P	Pb	23 54 45.9	-0.1
MLZ <td>Mavora Lakes</td> <td>0.81 150</td> <td>S</td> <td>Sb</td> <td>23 54 35.4</td> <td>+0.2</td>	Mavora Lakes	0.81 150	S	Sb	23 54 35.4	+0.2
MLZ <td>Mavora Lakes</td> <td>0.81 150</td> <td>S</td> <td>Sb</td> <td>23 54 46.4</td> <td>+0.7</td>	Mavora Lakes	0.81 150	S	Sb	23 54 46.4	+0.7
DCZ <td>Deep Cove</td> <td>0.84 199</td> <td>S</td> <td>Sg</td> <td>23 54 35.3</td> <td>-0.6</td>	Deep Cove	0.84 199	S	Sg	23 54 35.3	-0.6
DCZ <td>Deep Cove</td> <td>0.84 199</td> <td>S</td> <td>Sg</td> <td>23 54 46.6</td> <td>+0.4</td>	Deep Cove	0.84 199	S	Sg	23 54 46.6	+0.4
NSBS <td>Neils Beach</td> <td>1.05 50</td> <td>S</td> <td>Sb</td> <td>23 54 39.7</td> <td>0.0</td>	Neils Beach	1.05 50	S	Sb	23 54 39.7	0.0
NSBS <td>Neils Beach</td> <td>1.05 50</td> <td>S</td> <td>Sb</td> <td>23 54 53.8</td> <td>-0.4</td>	Neils Beach	1.05 50	S	Sb	23 54 53.8	-0.4
WKZ <td>Wanaka</td> <td>1.06 99</td> <td>S</td> <td>Sg</td> <td>23 54 39.9</td> <td>-0.2</td>	Wanaka	1.06 99	S	Sg	23 54 39.9	-0.2
WKZ <td>Wanaka</td> <td>1.06 99</td> <td>S</td> <td>Sg</td> <td>23 54 54.2</td> <td>+0.4</td>	Wanaka	1.06 99	S	Sg	23 54 54.2	+0.4
JCT <td>Jackson Bay</td> <td>1.07 56</td> <td>P</td> <td>Pb</td> <td>23 54 40.0</td> <td>-0.3</td>	Jackson Bay	1.07 56	P	Pb	23 54 40.0	-0.3
MOSS <td>Mossburn Schoo</td> <td>1.31 154</td> <td>P</td> <td>Pg</td> <td>23 54 58.7</td> <td>+1.0</td>	Mossburn Schoo	1.31 154	P	Pg	23 54 58.7	+1.0
WHZ <td>Wether Hill Ro</td> <td>1.25 167</td> <td>P</td> <td>Pg</td> <td>23 54 42.8</td> <td>-1.0</td>	Wether Hill Ro	1.25 167	P	Pg	23 54 42.8	-1.0
MECS <td>Makarora Emerg</td> <td>1.29 71</td> <td>P</td> <td>Pn</td> <td>23 54 43.6</td> <td>-0.7</td>	Makarora Emerg	1.29 71	P	Pn	23 54 43.6	-0.7
EAZ <td>Earnsleugh</td> <td>1.37 115</td> <td>P</td> <td>Pn</td> <td>23 54 45.0</td> <td>-0.5</td>	Earnsleugh	1.37 115	P	Pn	23 54 45.0	-0.5
RRKS <td>Rarakau</td> <td>1.48 182</td> <td>P</td> <td>Pb</td> <td>23 54 47.4</td> <td>-0.2</td>	Rarakau	1.48 182	P	Pb	23 54 47.4	-0.2
RYZ <td>Puysegur Point</td> <td>1.61 209</td> <td>P</td> <td>Pg</td> <td>23 54 32.5</td> <td>-0.4</td>	Puysegur Point	1.61 209	P	Pg	23 54 32.5	-0.4
LBZ <td>Lake Benmore</td> <td>1.91 82</td> <td>P</td> <td>Pn</td> <td>23 54 53.6</td> <td>+0.7</td>	Lake Benmore	1.91 82	P	Pn	23 54 53.6	+0.7
TUZ <td>Tuapeka</td> <td>1.95 132</td> <td>P</td> <td>Pn</td> <td>23 54 54.7</td> <td>-1.0</td>	Tuapeka	1.95 132	P	Pn	23 54 54.7	-1.0
FOZ <td>Fox Glacier</td> <td>1.99 56</td> <td>P</td> <td>Pn</td> <td>23 54 52.0</td> <td>-2.0</td>	Fox Glacier	1.99 56	P	Pn	23 54 52.0	-2.0
SYZ <td>Scrubby Hill</td> <td>2.17 150</td> <td>P</td> <td>Pn</td> <td>23 54 57.8</td> <td>+1.3</td>	Scrubby Hill	2.17 150	P	Pn	23 54 57.8	+1.3
APZ <td>The Paps</td> <td>2.18 172</td> <td>P</td> <td>Pn</td> <td>23 54 57.7</td> <td>+1.0</td>	The Paps	2.18 172	P	Pn	23 54 57.7	+1.0
ODZ <td>Otauhu Downs</td> <td>2.23 101</td> <td>P</td> <td>Pn</td> <td>23 54 58.0</td> <td>-0.9</td>	Otauhu Downs	2.23 101	P	Pn	23 54 58.0	-0.9
GCSZ <td>Gaunt Creek Bo</td> <td>2.42 57</td> <td>P</td> <td>Pn</td> <td>23 54 57.7</td> <td>-2.2</td>	Gaunt Creek Bo	2.42 57	P	Pn	23 54 57.7	-2.2
HHSZ <td>Highcliff Hill</td> <td>2.47 120</td> <td>P</td> <td>Pn</td> <td>23 55 01.7</td> <td>+1.0</td>	Highcliff Hill	2.47 120	P	Pn	23 55 01.7	+1.0
TMZ <td>Timaru</td> <td>2.49 85</td> <td>P</td> <td>Pn</td> <td>23 55 01.0</td> <td>+0.1</td>	Timaru	2.49 85	P	Pn	23 55 01.0	+0.1
RPZ <td>Rata Peaks</td> <td>2.70 70</td> <td>P</td> <td>Pn</td> <td>23 55 03.5</td> <td>-0.3</td>	Rata Peaks	2.70 70	P	Pn	23 55 03.5	-0.3
ARZ <td>Arundel</td> <td>2.71 76</td> <td>P</td> <td>Pn</td> <td>23 55 03.5</td> <td>-0.6</td>	Arundel	2.71 76	P	Pn	23 55 03.5	-0.6
WVZ <td>Waikana Valley</td> <td>2.81 148</td> <td>P</td> <td>Pn</td> <td>23 55 08.8</td> <td>-2.0</td>	Waikana Valley	2.81 148	P	Pn	23 55 08.8	-2.0
MHCZ <td>Mount Hut</td> <td>3.11 70</td> <td>P</td> <td>Pn</td> <td>23 55 08.3</td> <td>-1.2</td>	Mount Hut	3.11 70	P	Pn	23 55 08.3	-1.2
WACZ <td>Wakanui South</td> <td>3.17 78</td> <td>P</td> <td>Pn</td> <td>23 55 09.8</td> <td>-0.4</td>	Wakanui South	3.17 78	P	Pn	23 55 09.8	-0.4
OXFZ <td>Oxford</td> <td>3.51 69</td> <td>P</td> <td>Pn</td> <td>23 55 13.6</td> <td>-1.3</td>	Oxford	3.51 69	P	Pn	23 55 13.6	-1.3
MOZ <td>MoQueen's Vall</td> <td>3.80 77</td> <td>P</td> <td>Pn</td> <td>23 55 17.8</td> <td>-1.0</td>	MoQueen's Vall	3.80 77	P	Pn	23 55 17.8	-1.0
LTZ <td>Lake Taylor</td> <td>3.91 63</td> <td>P</td> <td>Pn</td> <td>23 55 19.7</td> <td>-0.8</td>	Lake Taylor	3.91 63	P	Pn	23 55 19.7	-0.8
AKZ <td>Akarora Harbour</td> <td>3.93 80</td> <td>P</td> <td>Pn</td> <td>23 55 20.1</td> <td>-0.7</td>	Akarora Harbour	3.93 80	P	Pn	23 55 20.1	-0.7
DNZ <td>Denniston Nort</td> <td>4.27 48</td> <td>P</td> <td>Pn</td> <td>23 55 23.5</td> <td>-1.9</td>	Denniston Nort	4.27 48	P	Pn	23 55 23.5	-1.9
DSZ <td>Tophouse</td> <td>4.48 55</td> <td>P</td> <td>Pn</td> <td>23 55 32.8</td> <td>-0.9</td>	Tophouse	4.48 55	P	Pn	23 55 32.8	-0.9
MRNZ <td>Matariki Terra</td> <td>5.03 51</td> <td>P</td> <td>Pn</td> <td>23 55 34.5</td> <td>-1.2</td>	Matariki Terra	5.03 51	P	Pn	23 55 34.5	-1.2
QRZ <td>Quartz Range</td> <td>5.31 45</td> <td>P</td> <td>Pn</td> <td>23 55 37.8</td> <td>-1.9</td>	Quartz Range	5.31 45	P	Pn	23 55 37.8	-1.9
FRZ <td>Fakaofo Hill</td> <td>5.39 49</td> <td>P</td> <td>Pn</td> <td>23 55 41.1</td> <td>-1.4</td>	Fakaofo Hill	5.39 49	P	Pn	23 55 41.1	-1.4
TUWZ <td>Tuamarina</td> <td>5.70 58</td> <td>P</td> <td>Pn</td> <td>23 55 40.6</td> <td>+1.1</td>	Tuamarina	5.70 58	P	Pn	23 55 40.6	+1.1
TCW <td>Tory Channel</td> <td>6.03 57</td> <td>P</td> <td>Pn</td> <td>23 55 50.0</td> <td>+0.5</td>	Tory Channel	6.03 57	P	Pn	23 55 50.0	+0.5
DUWZ <td>D'Urville Isla</td> <td>6.08 53</td> <td>P</td> <td>Pn</td> <td>23 55 49.2</td> <td>-1.1</td>	D'Urville Isla	6.08 53	P	Pn	23 55 49.2	-1.1
HOVZ <td>Holdsworth Sta</td> <td>6.97 60</td> <td>P</td> <td>Pn</td> <td>23 56 06.6</td> <td>+4.2</td>	Holdsworth Sta	6.97 60	P	Pn	23 56 06.6	+4.2

RSNC 25 00:00:56.9, 0.0, 7°N, 1°7'37"W, h146km, 2km, M2.8, ML2.5 FUNV 25 00:00:58.3, 7.13N, 73.24W, h3km, MW3.0, Presumed earthquake

ISC 25 00:00:55.3, 1.4, 6.88N, 0.03, 73.15W, 0.05, h154km, 9km, n27, r130/49, Northern Colombia

Code	Station Name	Δ° AZ°	Phase ID	Time Res	h m s ISC
BARC	Barichara	0.29 187	Op	00 01 16.8	+0.2
BYRC	Buena Vista	0.62 144	S	00 01 17.2	+2.3
PAMC	Pampalona, Colo	0.64 144	S	00 01 19.8	+1.4
PAMC	Pampalona, Colo	0.64 144	S	00 01 36.8	+0.8
RUSC	La Rusia	0.98 176	P	00 01 20.7	-0.2
RUSC	La Rusia	0.98 176	P	00 01 39.7	-0.7
RUSC	La Rusia	0.98 176	eS	00 01 20.7	-0.2
RUSC	La Rusia	0.98 176	eS	00 01 39.7	-0.7
PTBC	PUERTO BERRIO,	1.34 255	P	00 01 23.1	-0.5
PTBC	PUERTO BERRIO,	1.34 255	S	00 01 44.6	-0.7
OCAC	Ocana	1.36 353	P	00 01 24.8	+0.8
OCAC	Ocana	1.36 353	S	00 01 46.9	+1.0
SPBC	San Pablo de B	1.53 217	S	00 01 25.8	+0.2
SPBC	San Pablo de B	1.53 217	S	00 01 48.1	+0.7
NORC	Norcasia	2.16 233	P	00 01 32.6	0.0
NORC	Norcasia	2.16 233	S	00 02 00.6	-0.7
CHIC	Chingaza	2.31 195	P	00 01 35.0	+0.2
CHIC	Chingaza	2.31 195	S	00 02 17.2	+2.3
ROSC	El Rosal	2.34 210	P	00 02 04.1	-1.1
ROSC	El Rosal	2.34 210	S	00 01 15.5	-0.5
ROSC	El Rosal	2.34 210	S	00 02 07.0	+1.3
HELK	Santa Helena	2.46 254	P	00 01 38.8	+2.2
HELK	Santa Helena	2.46 254	S	00 02 00.8	-0.3
HELK	Santa Helena	2.46 254	eP	00 01 39.1	+2.5
BALC	Barrancas	2.52 202	P	00 01 38.1	+0.0
CVER	Cruz Verde, Cu	2.52 202	S	00 01 38.1	+0.7
CVER	Cruz Verde, Cu	2.52 202	S		

25d 1h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like ZALV Zalesovo Beam, ZALV Mollin, BIOA Bad Ischl, Aus, KBA Koelnbreinsper, GERES GERES Array B, etc.

ISK 25 00:36:40.6, 33°59'N-27°86'E, h77km, ML2.7/18
ATH 25 00:36:41.4, 33°65'N-28°02'E, h19km, ML2.9/4,
Latitude uncertainty: 12 km; Longitude uncertainty: 17 km
GII 25 00:36:42.7, 0.0, 33°38'N-0°00:28'32"E, 0.001, h0km,
Mws3.1, confirmed
ISC 25 00:36:40.0-1.4, 33°43'N-0°08:28"00E, 0.07, h35km, n45,
a=112/68, Eastern Mediterranean Sea

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

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like MAGL Barre de l'île, DHSZ Broadband at M, DHSZ Guadeloupe Bro, etc.

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Table with columns: ANWB Willy Bob, ANWB MBWH Windy Hill, ANWB Salisbury, etc.

CATAC 25 01:02:01.1±0.4, 13°N, 2°9'0W, h26km, 2km, M3.3/25,
MLv3.3/25, Error ellipse: s-maj=4.7km s-min=2.6km
az=35.6, confirmed
SNET 25 01:02:01.3±1.2, 13°05'N-89°57'W, h32km, ML3.2,
Presumed earthquake
GCG 25 01:02:03.4, 0.9, 13.19N-89°67'W, h35km, 8km, MD3.9,
ML3.6, Presumed earthquake
ISC 25 01:02:02.1±1.6, 13.04N-0°06:89'57"0.05, h32km±10km,
a=653/79, El Salvador

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like LALI Alcalda de L, LALI Alcalda de L, LALI Jayaque - finc, etc.

IDC 25 01:12:26.2±1.6, 42°29'N-85°18'E, h0km, mb3.7/7,
mbtmp3.5/13, ML2.9/6, MS3.3/1, Error ellipse:
s-maj=29.7km s-min=17.3km az=82.0
SOME 25 01:12:31.4, 42°53'N-84°88'E, h10km
NMC 25 01:12:35.7±1.5, 42°60'N-84°69'E, h2km, mb3.8,
mpv3.5, Error ellipse: s-maj=10.6km s-min=8.3km
az=131.0
ISC 25 01:12:27.7±1.1, 42.43N-0°07:85'54"E, 0.06, h10km, n38,
a=202/52, mb3.6/6, 10C-60, Northern Xinjiang

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

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Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like KNOS 2.7nm, 0.2s, ZSN Zaisan, ZSN Zaisan, ZSN Zaisan, etc.

MAN 25 01:14:16.0, 2°94'N-127°94'E, h146km, MS3.7
IDC 25 01:14:14.6±1.9, 3°79'N-128°09'E, h0km, mb3.4/4,
mbtmp3.4/4, Error ellipse: s-maj=152.3km
s-min=23.2km az=68.0, North of Halmahera
Code Station Name Az AzZ Phase ID Time Res ISC
WRA Warramunga Arr 24.37 166 P P 01 19 34.7 +0.1
ASAR Alice Springs 27.88 169 P P 01 20 06.2 -0.1
H11S3 WAKE ISLAND Hy 40.47 66 T T 02 05 15.8
H11S2 WAKE ISLAND Hy 40.48 66 T T 02 05 13.5
H11S1 WAKE ISLAND Hy 40.48 66 T T 02 05 08.4
MKAR Makanchi Array 58.28 325 P P 01 24 11.5 +0.3
KURBB Kurchatov Arra 62.42 327 P P 01 24 39.1 -0.3
REN 25 01:22:33.4±0.6, 38°18'N-101°17'79"W, 0.01, h6km±1km,
Error ellipse: s-maj=1.7km s-min=1.3km az=204.0
NEIC 25 01:22:33.4±0.5, 38°18'N-101°17'79"W, 0.01,
h5°km±1km, ML2.4/5, ML2.5/13(REN), Error ellipse:
s-maj=2.1km s-min=1.7km az=237.0, Nevada
Code Station Name Az AzZ Phase ID Time Res ISC
COLR Columbus 0.21 259 Op P 01 22 38.1 +0.5
NVL1 Mina Array Sit 0.38 310 Op P 01 22 41.4 +0.9
NV11 Mina Array Sit 0.45 302 Op P 01 22 45.8 +0.1
NV06 Mina Array Sit 0.45 302 Op P 01 22 42.6 +0.5
TPH Tonopah 0.46 104 Op P 01 22 42.8 +0.6
TPH 01 22 49.3 +1.1

25d 3h

Table with columns: Code, Station Name, Az, El, P, Res, Time, Res. Includes stations like RCC Rio Carpintero, PINC Pinares de May, GTBY Guantanamo Bay.

WEL 25 02:22:48.8, 0.9, 45.5, 16.8E, h5km, M3, 1/10, ML3, 0.9, MLV3, 1/10, Error ellipse: s-maj=9.7km, s-min=3.7km, az=126.1, confirmed

NOU 25 02:22:52.1, 44.59S, 167.59E, h39km, s-maj=3.78, South Island, New Zealand

ISC 25 02:22:46.4, 1.7, 44.60S, 167.46E, 0.06, h2km, 12km, n37, c0586/42, South Island

Main table for 25d 3h section, listing stations like MSZ Milford Sound, GLNY Glenorchy, DCZ Deep Cove, etc.

IDC 25 02:33:13.1, 1.8, 7.29S, 129.29E, h114km, 18km, mb3.3/2, mbmp4.1/7, Error ellipse: s-maj=26.0km, s-min=13.9km, az=116.0

NEIC 25 02:33:14.1, 1.3, 7.33S, 0.07, 129.33E, 0.07, h126km, 2km, mb4.3/12, Error ellipse: s-maj=10.8km, s-min=10.0km, az=113.0

ISC 25 02:33:12.0, 0.5, 7.34S, 0.05, 129.26E, 0.06, h100km, n41, c2514/44, mb4.1/7, Banda Sea

Table listing stations in the Banda Sea region, including SAUI Saumlaki, DRS Darwin Rock St, etc.

QIS Mount Isa, AS31 Alice Springs, ASAR Alice Springs, etc.

ASAR Alice Springs, ASAR Alice Springs, ASBJ Bungulung, etc.

FORT Forrest, QLP Quilpie, MORW Morw, etc.

BBOO Buckleboo, MGBR Mount Gambier, LHI Lord Howe Isla, etc.

MKAR Makanchi Array, MANEM Manem, KURB Kurchatov, etc.

KURB Kurchatov, AB31 Akbulak array, QSPA South Pole Qui, etc.

PV14 Lion Creek, TORD Torodi Ar, Bea, etc.

SKHL 25 02:42:31.0, 0.1, 44.60N, 148.70E, h45km, 5km, mb4.6/4, JMA 25 02:42:32.3, 0.3, 45.5, 14.8E, h113km, MV3, 5/20, SE OFF ETOROFU

ISC 25 02:42:31.0, 0.1, 44.7N, 0.2, 148.7E, 0.2, h56km, 57km, n15, c054/24, Kuril Islands

Table listing stations in the Kuril Islands region, including REI Reidovoe, etc.

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Table listing stations in the Kuril Islands region, including REI 810nm, 0.3s, KUR Kuril'sk, etc.

RSNC 25 02:43:19.6, 0.9, 2.1, 133.7W, h13km, 4km, M3.2, mb4.0, ML2.3

CATAC 25 02:43:25.7, 0.4, 1.1, 133.7W, h7km, 3km, M3, 8/7, MLV3, 8/7, Error ellipse: s-maj=6.4km, s-min=3.2km, az=93.7, confirmed

IGQ 25 02:43:25.3, 0.3, 1.1, 133.7W, h14km, 2km, M3, 6/19, Mjma 3.5/15, ML3.9/1, ML3.5/19

ISC 25 02:43:25.4, 0.8, 0.79S, 0.02, 78.69W, 0.02, h16km, 6km, n81, c0568/94, 16C-21D, Ecuador

Table listing stations in the Ecuador region, including ILLI Illinizas Sur, SRAM San Ramon-Vol, etc.

AAAM Ambato 2 (Merc), ANTG Antisana-Guama, ANTM Antisana-La Mili, etc.

GGPT Toaza - Volcan, JUAZ San Juan 2, ANTS Antisana-Sarah, etc.

GGPC Guagua Pichin, GGGC Guagua Pichin, TERV Terraza Guagua, etc.

ANTI Antisana, JU6 Juive, ASDO Santo Domingo, etc.

ARRY Arrayan, TAMT Tambo Quemasa Ch, BPAT Tungurahua Vol, etc.

AV11 Aceluagrato, PULU Pululaha, PULU Pululaha, etc.

AGRD Ecuador-Guaran, JSCH Cascha Torotoras, PUYO Puyo, Santa Ro, etc.

OTAV Otavalo, OTAV Otavalo, OTAV Otavalo, etc.

PACTO Pacto, Paraso, PACTO Pacto, Paraso, ANGU Angu, etc.

CUSE Cuicocha Este, CUSE Cuicocha Este, CUIC Cuicocha-Domo, etc.

IMBA Imbabura, San, IMBA Imbabura, San, FLFI Flavio Alfaro, etc.

CASC Dorado de Casc, LNGL El Angel-Carch, TULM Tulcan-Chalpat, etc.

CHL2 Volcan Chiles, CMBI Cabo Pasado-Ma, CMBI Cumbal, PPLP Puerto Lopez, etc.

Table listing stations in the Ecuador region, including RSHS My Kozlova, etc.

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Table listing stations in the Komandorsky Islands region, including TR1 Tor 1, AYUN Ayunah, etc.

WEL 25 03:02:57.0, 0.8, 31.5, 13.18, 18.0W, 3.3, h321km, 15km, M4, 4/7, mb5.0/17, ML4.9/14, MLV5.0/9, Mw(mb)A/2, 1/7, Error ellipse: s-maj=46.6km, s-min=4.9km, az=111.0, confirmed, Kermadec Islands region

Main table for 1554 section, listing stations like GLKZ Green Lake, HAZ Te Kaha, etc.

IDC 25 03:04:00.2, 2.5, 39.15N, 142.58E, h0km, mb3.7/4, mbmp3.6/7, ML3.0/3, M3.3/4, Error ellipse: s-maj=55.9km, s-min=29.8km, az=72.0

JMA 25 03:04:11.9, 0.7, 38.9N, 0.3, 141.6E, 0.5, h61km, MV3, 2/39, NORTHERN MIYAGI PREF

JMA Felt J1 at NORTHERN MIYAGI PREF, ISC 25 03:04:11.5, 1.2, 38.87N, 0.05, 141.69E, 0.09, h62km, 7km, n24, c1905/27, mb3.6/4, 10D, Near east coast of eastern Honshu

Table listing stations in the Honshu region, including JKMT Kesenumatoy, OFUJ Ofunato, etc.

USRK Ussuriysk Arr, 9.02 309 Pn, 0.3, 39.3, 142.58E, 122, 14, SNR=3.4, 0.9nm, 0.4s

KSR5 Wake Island Hy, 10.94 267 Pn, 0.2, 39.3, 142.58E, 77, 13, SNR=1.4, 0.5nm, 0.3s

H1N2 Wake Island Hy, 28.94 124 T, 0.3, 39.3, 142.58E, 76, SNR=26, 0.5nm, 0.3s

H1N1 Wake Island Hy, 28.95 124 T, 0.3, 39.3, 142.58E, 76, SNR=26, 0.5nm, 0.3s

H1N3 Wake Island Hy, 28.96 124 T, 0.3, 39.3, 142.58E, 76, SNR=21, 0.5nm, 0.3s

H1S1 Wake Island Hy, 29.71 126 T, 0.3, 39.3, 142.58E, 76, SNR=16, 0.5nm, 0.3s

H1S3 Wake Island Hy, 29.71 126 T, 0.3, 39.3, 142.58E, 76, SNR=16, 0.5nm, 0.3s

H1S2 Wake Island Hy, 29.73 126 T, 0.3, 39.3, 142.58E, 76, SNR=14, 0.5nm, 0.3s

Table listing stations in the Komandorsky Islands region, including BKI Bering, MKZ Mys Kozlova, etc.

25d 5h

Table with columns: Station Name, Time, Res, and various codes. Includes stations like H01W2 Cape Leeuwin H, H01W3 Cape Leeuwin H, QSPA South Pole Qui, etc.

CATAC 25 04:38:35.2±0.3, 1.3°N±2.9°W±1.1, h31km, 2km, M3.2/29, MLV3.2/29, Error ellipse: s-maj=4.9km s-min=2.8km az=37.5, confirmed

SNET 25 04:38:36.3±1.1, 1.3°N±2.9°W±1.1, h48km, ML3.1, Presumed earthquake

GCG 25 04:38:36.2±0.9, 13.27°N±89.54°W, h49km, 7km, MD3.9, Presumed earthquake

ISC 25 04:38:35.8±1.6, 13.18°N±89.55°W±0.05, h47km±11km, n46, c054/83, El Salvador

Main station list table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res, and various codes. Lists numerous stations like LALI, JAYA, PANCs, etc.

ISC 25 04:49:11.7±1.4, 9.45°N±124.50°E, h0km, mb3.6/6, mbmp3.6/6, Error ellipse: s-maj=161.1km s-min=21.7km az=68.0

MAN 25 04:49:16.0±1.0, 15°N±126°05'E, h8km, MS3.4, ISC 25 04:49:16.7±1.7, 10.21°N±126°23'E±0.08, h42km±17km, n26, c-157/33, mb3.6/6, Philippine Islands region

Continuation of station list table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res, and various codes. Includes stations like TSSP, MSLS, BUTP, etc.

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Table with columns: Station Name, Time, Res, and various codes. Includes stations like H11S3 WAKE ISLAND Hy, H11S1 WAKE ISLAND Hy, H11S2 WAKE ISLAND Hy, etc.

IDC 25 05:00:16.8±3.6, 55°64'N±86°27'E, h0km, mbmp2.5/2, ML2.7/1, Error ellipse: s-maj=29.7km s-min=27.7km az=11.0

ASRS 25 05:00:17.0±1.9, 55°61'N±86°10'E, h0km, M2.8(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022, Southwestern Siberia

Table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res, and various codes. Includes stations like I46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

CATAC 25 05:01:12.7±0.5, 14°N±3°9'W±1.2, h22km, 2km, M3.3/17, MLV3.3/17, Error ellipse: s-maj=7.3km s-min=3.1km az=30.8, confirmed

MEX 25 05:01:13.1±1.1, 14°22'N±92°17'W, h54km±22km, MD3.6, GCG 25 05:01:13.2±1.2, 14°29'N±91°19'W, h47km±20km, MD4.1, Presumed earthquake

ISC 25 05:01:09.5±1.8, 14°17'N±096°92'11'W±0.05, h7km±11km, n39, c121/61, Near coast of Chiapas

Main station list table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res, and various codes. Lists numerous stations like RTAL, THIG, STG8, etc.

NEIC 25 05:10:10.0±0.8, 23°45'S±0°06', 179°9'W±0°2', h546km±10km, mb4.0/24, Error ellipse: s-maj=23.1km s-min=8.5km

IDC 25 05:10:11.0±1.8, 23°38'S±179°9'E, h554km±21km, mb3.4/7, mbmp4.4/8, Error ellipse: s-maj=26.2km s-min=15.8km az=166.0

ISC 25 05:10:09.1±0.5, 23°45'S±0°09', 179°9'W±0°09', h532km, n54, c096/54, mb4.0/19, South of Fiji Islands

Continuation of station list table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res, and various codes. Includes stations like MSVF, MSFO, MARC, etc.

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Table with columns: Station Name, Time, Res, and various codes. Includes stations like ASAR, ASAR WRO, WRB, WB2, WRB, WB2, WRA, WRA, WRA, etc.

IDC 25 05:20:58.9±0.4, 44°37'N±115°25'W, h0km, mb3.9/11, mbmp4.0/21, ML3.7/11, MS3.8/46, Error ellipse: s-maj=6.9km s-min=4.7km az=83.0

NEIC 25 05:20:59.6±1.3, 44°40'N±02°11'51'W±0.04, h8km±4km, mb4.5/72, ML4.7/98, Mw4.6/119, ML5.1/25(BUT), Error ellipse: s-maj=3.7km s-min=3.0km az=89.0, Moment Tensor Solution. Moment tensor: Scale 10^19Nm; Mr=5.97; Ms=7.61; Mzz=1.64; Mxx=0.26; Myy=4.30; Mxy=5.01;

Fault plane solution: Ms=5.80000°±10° NPI: 0±142.22000°, 0±362.34000°, -141.21000°. NP2: 0±260.58000°, 0±47.81000°, -141.21000°. Principal axes: T: 9.6101, P1g:0.0000°, Azm:204.0000°, N: -0.0590, P1g:5.0000°, Azm:300.0000°, P: -9.5511, P1g:53.0000°, Azm:103.0000°

BUT 25 05:21:00.5±1.9, 44°38'N±02°11'51'W±0.04, h10km±9km, Error ellipse: s-maj=4.8km s-min=0.8km az=64.0

NEIC 25 05:21:00.44±39N±115°15'W, h11km, GCMT 25 05:21:02.6±0.3, 44°44'N±02°11'52'W±0.04, h17km±1km, MW4.7/78, Moment Tensor Solution. s15:c21; s78:c11; Duration: 0 Moment tensor: Scale 10^19Nm; Mr=0.94±.11; Ms=1.4±.08; Mzz=0.20±.07; Mxx=0.25±.16; Mxy=0.83±.05; Mxy=0.90±.24; Best double couple: Ms=1.63300°/10° NPI: 0±264.0000°, 0±42.0000°, -145.0000°. NP2: 0±146.0000°, 0±67.0000°, -145.0000°. Principal axes: T: 1.8930, P1g:1.0000°, Azm:10.0000°, N: -0.1250, P1g:33.0000°, Azm:310.0000°, P: -1.5730, P1g:53.0000°, Azm:100.0000°. nsta1 refers to surface waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 25 05:21:00.0±0.4, 44°39'N±03°11'51'W±0.03, h11km, n240, c1937/216, mb4.4/27, MS3.8/40, Western Idaho

Continuation of station list table with columns: Code, Station Name, Δ° AZZ, Phase ID, Time, Res, and various codes. Lists numerous stations like PLID, HLID, MFID, BMO, BMO, BMO, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like YPDC, ELMT, CHMT, YHB, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like L04D, BBOR, G03D, HATC, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like SFIN, SFIN, comp=Z,15m,0.8s, Lafayette, etc.

ASAR Alice Springs 42.29 258 P P 05 47 50.2 +0.1
WRA Warrungama Arr 42.40 263 P P 05 47 50.8 -0.1
TXAR Lajitas Array 89.21 58 P P 05 52 39.9 -0.1
ILAR Eielson Array 89.44 14 P P 05 52 40.2 +0.2

BE0 25 05:42:40.6, 0.7, 41.15N-23.45E, h12km, 3km, ML3.0/10
ATH 25 05:42:40.2, 0.9, 41.21N-23.54E, h12km, ML3.1/13, Latitude
uncertainty: 1 km; Longitude uncertainty: 0 km
SOF 25 05:42:40.2, 41.21N:0.01-23.55E:0.01, h7km, 2km,
MD3.5/8
SKO 25 05:42:41.4, 41.22N-23.55E, h0km, ML3.0
THE 25 05:42:41.0, 41.2N:0.9-23.6E:1.0, h8km, 1km, M3.1/20,
MLh3.1/20

AFAD 25 05:42:42.7, 41.05N-24.01E, h8km, 1km, ML2.8
ISC 25 05:42:40.3, 0.9, 41.19N:0.01-23.54E:0.02, h12km, 8km,
n89, c0580/139, 8C-5D, Greece-Bulgaria border region

Code Station Name A° AZ° Phase ID Time Res
NVR Nevrokopi 0.29 56 P P 05 42 46.7 -0.8
NVR Nevrokopi 0.29 56 P P 05 42 46.6 -0.9
SOH Sokhos 0.39 202 P P 05 42 49.1 -0.1

comp=N, 1km, 0.2s

KAVA Kavala 0.76 104 P P 05 42 55.0 -0.4
KAVA Kavala 0.76 104 P P 05 43 05.0 +0.1
PLG Polygyros 0.81 185 P P 05 42 56.3 -0.1
PLG Polygyros 0.81 185 P P 05 43 08.7 -1.0
OUR Ouranopolis 0.91 158 P P 05 42 58.2 +0.2

GOAD anakkale-G] 2.07 119 S Sn 05 43 18.8 -0.1
GOAD Ohrid 2.07 269 P P 05 43 17.8 -0.1
GOAD Ohrid 2.07 269 P P 05 43 47.5 +0.5

comp=N, 178nm, 0.5s

GOAD Ohrid 2.07 269 P P 05 43 17.8 -0.1
OHR Ohrid 2.07 269 P P 05 43 47.5 +0.5
OHR Ohrid 2.07 269 P P 05 43 49.5

BLBK Belogradchik 2.52 345 P P 05 43 21.9 +0.9
BLBK Belogradchik 2.52 345 P P 05 43 22.0 +0.9
LAPS Lapseki, ANA 2.67 109 P P 05 43 32.7 +1.2

ZAGS Zajecar 2.80 340 P P 05 43 25.4 +0.5
ZAGS Zajecar 2.80 340 P P 05 43 25.8 +0.2
GOCs Kraljevo Serbi 3.09 321 P P 05 43 29.2 +0.2

ISK 25 05:45:32.7, 35.44N-26.14E, h12km, ML3.0/15
ATH 25 05:45:33.8, 35.38N-26.15E, h16km, ML3.1/12, Latitude
uncertainty: 1 km; Longitude uncertainty: 0 km
THE 25 05:45:34.4, 35.37N-26.15E, h3km, 3km, M3.0/7, MLh3.0/7
ISC 25 05:45:33.7, 1.0, 35.37N:0.03-26.15E:0.02, h16km, 8km,
n49, c0545/65, Crete

Code Station Name A° AZ° Phase ID Time Res
SIT2 Siteia 0.16 191 S P 05 45 41.1 -0.2
ZKR Zakros 0.26 167 P P 05 45 39.7 -0.2

SANTORINI-THIR SANTORINI-THIR 1.25 329 P P 05 45 56.8 -0.1
SANTORINI-THIR SANTORINI-THIR 1.25 329 P P 05 45 57.0 +0.1
SANTORINI-THIR SANTORINI-THIR 1.25 329 P P 05 45 57.2 +0.1

SFS 25 05:47:35.8, 35.35N-4.61W, h38km, ML2.2/8, ML2.3/8

MDD 25 05:47:35.6, 0.7, 35.34N-4.60W, h40km, Mb3.7/7, Error

ellipse: s-maj=6.7km s-min=4.7km az=83.0

CNRM 25 05:47:36.5, 35.13N-4.64W, h57km, ML1.6

ISC 25 05:47:34.4, 1.2, 35.36N:0.03-4.59W:0.03, h35km, n36,

1892/59, 7C, Strait of Gibraltar

Code Station Name A° AZ° Phase ID Time Res
PALE Palesma 0.55 105 P P 05 47 49.6 +3.8
PALE Palesma 0.55 105 P P 05 47 49.7 +3.8

comp=N, 46nm, 0.8s

PALE Palesma 0.55 105 P P 05 47 49.6 +3.8
PALE Palesma 0.55 105 P P 05 47 49.7 +3.8
SMIR Smir Dam 0.72 297 P P 05 47 52.6 +4.5

ECAB El Cabril 2.79 346 Pn Pn 05 48 17.1 +0.5
ECAB 75nm, SNR=1.5 05 48 31.8

EADA Adamuz 2.80 0 Sn Sn 05 48 47.5 +1.7
EADA Adamuz 2.80 0 Sn Sn 05 48 18.1 +1.3

EBAD Badajoz 3.90 331 Pn Pn 05 48 32.4 +0.5
EBAD 99nm, SNR=1.5 05 48 41.1

EBAD Sao Teotonio 3.98 304 eS Sn 05 49 14.2 -2.2
EVO Evora 4.19 320 eS Sn 05 49 21.6 -1.5

MOE Montermor 4.36 317 eS Sn 05 49 26.5 -1.3
PARRA Arraiolos 4.42 322 P Sn 05 49 26.5 -2.5

TRN 25 05:49:29.5, 15.11N-60.50W, h30km, MD4.1, North-east

of Martinique, Leeward Islands

Code Station Name A° AZ° Phase ID Time Res
SVN Savane Anatole 0.70 248 Op Pn 05 49 44.0 +0.7
SVN Savane Anatole 0.70 248 Op Pn 05 49 44.0 +0.7

ASRS 25 05:59:52.0, 1.1, 54.17N-86.36E, h0km, M2.5(MOS), The

earthquakes of Russia in 2020. Obninsk, GS RS, 2022.

ISC 25 05:59:55.8, 2.9, 54.16N-86.34E, h0km, mbtmp2.7/2,

ML2.4/2, Error ellipse: s-maj=21.7km s-min=12.8km

az=61.0, Southwestern Siberia

Code Station Name A° AZ° Phase ID Time Res

I46RU ZALESOVO INFRA 0.92 257 P P 06 00 12.5 -1.0

ZALV Zalesovo Beam 0.92 257 P P 06 00 12.5 -1.0

ZALV Zalesovo Beam 0.92 257 P P 06 00 27.1

KURBB Kurchatov Arra 5.95 237 Pn Pn 06 01 25.6 +0.6

MKAR Makanachi Array 7.81 201 Pn Pn 06 01 52.0 +1.4

comp=N, 528nm, 0.4s

SDD 25 06:08:09.3, 14.0, 18.03N-69.07W, h133km, 82km, MD3.4,

ML3.2, MW3.4, Presumed earthquake

RSRP 25 06:08:11.8, 18.36N-68.95W, h13km, MD3.8/7

NEIC 25 06:08:12.8, 0.9, 18.4N:0.1-68.87W:0.05, h103km, 5km,

ML3.0/37, MD3.8/7(RSPR), Error ellipse: s-maj=20.8km

s-min=3.7km az=194.0

OSPL 25 06:08:13.8, 1.9, 18.36N-68.82W, h117km, 12km, ML3.0,

ML2.4/2, Presumed earthquake

ISC 25 06:08:11.2, 3.1, 18.53N:0.06-68.89W:0.03, h122km, 6km,

n67, c143/91, 23C-11D, Mona Passage

Code Station Name A° AZ° Phase ID Time Res

HIDR Higüey Centro 0.18 69f eP Sn 06 08 27.6 -0.4

HIDR Higüey Centro 0.18 69f eP Sn 06 08 39.8 -1.0

HIDR comp=N, 2um, 0.2s 06 08 40.8

HIDR comp=E, 2um, 0.2s 06 08 27.7 -0.3

HIDR Punta Cana, DR 0.48 92 eS Sn 06 08 28.5 -1.2

PCDR Punta Cana, DR 0.48 92 eS Sn 06 08 28.5 -1.0

PCDR comp=N, 528nm, 0.4s 06 08 45.2

PCDR comp=E, 253nm, 0.4s 06 08 47.1

PCDR Punta Cana, DR 0.48 92f eP Sn 06 08 29.0 -0.3

PCDR comp=N, 301nm, 0.4s 06 08 45.2

PCDR comp=E, 118nm, 0.3s 06 08 46.6

PCDR Punta Cana, DR 0.48 92 i P Pn 06 08 28.9 -0.3

25d 6h

2020 JUN

1562

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like CTAO Charters Tower, BRLS Borolday, and many others.

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like LUOYANG, MAKZ Makanchi, and many others.

Table with columns: Station, Frequency, Mode, Power, Azimuth, Elevation, and other parameters. Includes stations like HHC, SEM Semipalatinsk, and many others.

Table with columns: ZAK, Name, Time, Status, Location, and other details. Includes entries like MPEP Malo Peshtene, ISR Istrita, VORD Divnogorie, etc.

Table with columns: Name, Time, Status, Location, and other details. Includes entries like RNPPS Staryi Chortor, JCS Chichijima, RNPPS Varash, etc.

Table with columns: Name, Time, Status, Location, and other details. Includes entries like HEH comp=Z.130nm,4.1s, HEH comp=Z.950nm,20.7s, HEH comp=Z.620nm,19.0s, etc.

Table of station data for the left column, including station names like G21K Allakaket, O14K Tigykauvut M, and others, with associated coordinates and status.

Table of station data for the middle column, including station names like MCARA McCarthy VSAT, CRQM Cirque, and others, with associated coordinates and status.

Table of station data for the right column, including station names like W52A Murphy, T50A Nancy, and others, with associated coordinates and status.

Station status and location information for W52A Murphy, T50A Nancy, and others, including coordinates and status.

Station status and location information for W52A Murphy, T50A Nancy, and others, including coordinates and status.

Station status and location information for W52A Murphy, T50A Nancy, and others, including coordinates and status.

Station status and location information for W52A Murphy, T50A Nancy, and others, including coordinates and status.

Station status and location information for W52A Murphy, T50A Nancy, and others, including coordinates and status.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MAKZ Makanchi, BVAR Borovoye Array, etc.

ISU 25 06:36:25, 41.07N, 72.34E, h15km
KRNET 25 06:26:30.0, 41.08N, 72.19E, h13km, mb2.4

SOME 25 06:36:28.7, 41.18N, 72.20E, h10km
NVC 25 06:36:30.7, 2.9, 41.16N, 72.10E, h0km, mb3.1, mpv2.8

ISC 25 06:36:26.0, 41.2108N, 0.03, 72.23E, 0.02, h5km, 15km, n25, c128/45, 16C-12D, Kyrgyzstan

Main station list for the 1565 section, including Tashata, Arslanbob, Arkit, Terek-Say, Manas, Sufi-Kurgan, Merke, Erkin-Say, Karatay Array, etc.

ISC 25 06:45:46.1, 9.33505, 178.08W, h0km, mb3.8/3, mbtmp3.7/4, Error ellipse: s-maj=41.9km s-min=33.4km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like URZ Urewera, ASAR Alice Springs, WRA Warramunga Arr, etc.

CATAC 25 06:50:04.4, 0.4, 13°N, 2°9'0W, h9km, 1km, M3.0/23, MLV3.0/23, Error ellipse: s-maj=4.4km s-min=3.1km

GCG 25 06:50:06.2, 0.9, 13.20N, 90.08W, h23km, 9km, MD3.8, Presumed earthquake

SNET 25 06:50:08.7, 21.0, 13.11N, 89.05W, h20km, ML2.9, Presumed earthquake

ISC 25 06:50:04.2, 1.9, 13.13N, 0.06, 89.99W, 0.04, h3km, 11km, n37, c0577/0, El Salvador

Main station list for the 1565 section, including FAME Alcalda de Sa, JAYA Jayaque, CEVE Cerro Verde, NUBE Las Nubes, etc.

Main station list for the 2020 JUN section, including Las Pavas, Centro de Oper, Asuncion Mita, Alcalda de Te, etc.

ISC 25 06:58:45.2, 1.5, 2.26N, 93.05E, h0km, mb3.9/8, mbtmp3.9/10, ML4.2/2, Error ellipse: s-maj=51.8km

NEIC 25 06:58:46.9, 1.0, 2.3N, 93.02E, h0km, 1km, mb4.2/9, Error ellipse: s-maj=18.6km s-min=7.4km

DJA 25 06:58:55.2, 0.8, 2.2N, 3.9E, h10km, M4.7/21, mb4.7/7, mb5.8/3, MLV4.5/21, Mw(MB)5.3/3

ISC 25 06:58:47.8, 0.8, 2.35N, 0.08, 93.12E, h2km, n38, c118/40, mb4.1/12, Off west coast of northern Sumatra

Main station list for the 2020 JUN section, including Sinsi Binabang, BSI Banda Aceh, Gunungsitoli, Pantau Batu, etc.

ISC 25 06:59:11.0, 0.9, 8.255N, 127.02E, h0km, mb3.5/4, mbtmp3.6/4, Error ellipse: s-maj=160.7km s-min=118.3km

Main station list for the 2020 JUN section, including FITZ Fitzroy Crossi, WRA Warramunga Arr, ASAR Alice Springs, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like ZALV, KURBB Kurchatov Arr, MKAR Makanchi Array, etc.

IDC 25 07:03:43.9, 1.2, 43.14N, 146.92E, h0km, mb3.9/11, mbtmp3.9/11, MS2.5/1, Error ellipse: s-maj=30.9km

SKHL 25 07:03:48.7, 0.1, 43.10N, 147.10E, h53km, 4km, mb5.3/4 JMA 25 07:03:48.7, 0.1, 43.10N, 147.10E, h53km, 4km, mb5.3/4

MOS 25 07:03:48.1, 0.9, 43.09N, 146.84E, h44km, mb4.3/4, Error ellipse: s-maj=15.1km s-min=10.3km az=111.6

NEIC 25 07:03:50.0, 1.3, 43.19N, 0.08, 146.8E, 0.1, h35km, 8km, mb4.2/20, Error ellipse: s-maj=14.0km s-min=11.3km

ISC 25 07:03:46.1, 1.7, 43.16N, 0.05, 146.95E, 0.04, h12km, 10km, n103, c113/114, mb4.2/28, 3C, Kuril Islands

Main station list for the 25d 7h section, including NEM2 Nemuro 2, NMR Nemuro-Hokkai, Yuzh-Kuril'sk, etc.

ISC 25 07:12:07.2, 0.7, 07.12N, 146.00E, h0km, mb3.8/3, mbtmp3.7/4, Error ellipse: s-maj=41.9km s-min=33.4km

Main station list for the 25d 7h section, including JOB Onbets, JAR Ashorobuto, JTRK Abashiri-Toko, etc.

ISC 25 07:22:11.0, 0.7, 07.22N, 146.00E, h0km, mb3.8/3, mbtmp3.7/4, Error ellipse: s-maj=41.9km s-min=33.4km

Main station list for the 25d 7h section, including H1N2 WAKE ISLAND Hy, H1N1 WAKE ISLAND Hy, etc.

ISC 25 07:27:14.0, 0.7, 07.27N, 146.00E, h0km, mb3.8/3, mbtmp3.7/4, Error ellipse: s-maj=41.9km s-min=33.4km

Main station list for the 25d 7h section, including H1S3 WAKE ISLAND Hy, H1S2 WAKE ISLAND Hy, etc.

GUC 25 07:30:28.7 0.8, 19.93S; 70.07W, h49km, 3km, ML3.5
ISC 25 07:30:29.1 1.1, 19.96S; 0.02; 70.05W, 0.04, h43km, 9km,
n43, s19.69; 62, 2C-7D, Near coast of northern Chile

ISC 25 07:55:07.8 1.9, 52.57N; 0.06; 85.8E; 0.2, h0km, n8,
s134.7; 3C-4D, Southwestern Siberia

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Huaiquique, IPOC Station P, Chacalluta, etc.

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ZALESOVO INFRA, Zalesovo Beam, ZAAO, etc.

WEL 25 08:01:36.2 0.8, 32.57; 17.9E; 1.4, h12km, M4.5/13,
mB5.1/13, ML4.6/19, MLV4.7/11, Mw(mB)4.5/13, Error
ellipse: s-maj=19.5km s-min=4.5km az=115.2,

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Green Lake, Waioamatatini S, etc.

ASRS 25 08:05:17.0 0.6, 54.61N; 86.36E, h0km, M2.3(MOS). The
earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

ISC 25 08:05:24.9 3.0, 54.37N; 86.05E, h0km, mbtmp2.5/2,
ML2.4/2, Error ellipse: s-maj=22.1km s-min=12.9km
az=51.0, Southwestern Siberia

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res, ISC. Includes stations like ZALESOVO INFRA, Zalesovo Beam, etc.

ISC 25 07:38:47.4 4.03, 0.1, 9.6S; 78.13W, h0km, Error ellipse:
s-maj=221.6km s-min=152.9km az=18.0, Ecuador

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Galapagos, LAS PENAS INFRA, etc.

ASRS 25 07:55:10.0 0.9, 53.71N; 86.81E, h0km, M2.5(MOS), The
earthquakes of Russia in 2020. Obninsk, GS RAS, 2022.

ASC 25 07:55:12.2 2.7, 53.77N; 86.83E, h0km, mbtmp2.9/2,
ML2.8/1, Error ellipse: s-maj=25.5km s-min=14.3km
az=65.0
NCC 25 07:55:14.7 2.9, 53.61N; 86.85E, h0km, mpv2.1, Error
ellipse: s-maj=26.9km s-min=12.5km az=47.0, Suspected
Mining explosion.

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

WEL 25 08:09:39.6 1.6, 4.51S; 139.02E, h0km, mb3.6/2,
mbtmp3.8/7, ML3.7/5, Error ellipse: s-maj=40.1km
s-min=23.6km az=109.0

ISC 25 08:09:39.5 1.1, 4.80S; 0.08; 139.0E; 0.1, h10km, n7,
s35.5/10, Irian Jaya

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res, ISC. Includes stations like Jayapura, Sorong, etc.

WEL 25 08:10:37.6 0.4, 63.3S; 167.43E, ML4.0, Mw3.9, Moment
Tensor Solution. Moment tensor: Scale 10^14Nm;

WEL 25 08:10:37.6 0.6, 45.3; 16.7E; h5.3; M4.0/24, Mw3.9/2,
ML3.9/23, MLV4.0/24, Mw(mB)4.2/2 Error ellipse:
s-maj=5.9km s-min=3.0km az=110.4, confirmed

NOU 25 08:10:40.9, 44.57S; 167.44E, h29km, MLV4.1/11, South
Island, New Zealand

ISC 25 08:10:36.9 1.5, 44.62S; 0.04; 167.49E; 0.05, h3km, 11km,
n63, s19.9/77, South Island

Table with columns: Code, Station Name, Delta A, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MSZ, MLZ, etc.

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

IDC 25 09:00:27.9.3.9.55:51N:86:07E, h0km, mbtmp3.0/2, ML2.4/2, Error ellipse: s-maj=30.6km s-min=25.1km

ASRS 25 09:00:24.0.0.2.55:58N:86:00E h0km, M2.5(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022., Southwestern Siberia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ZALESOVO INFRA, Zalesovo Beam, Kurchatov Arra, etc.

BER 25 09:20:21.6.1.6.80:53N:2:10W, h19km, 13km, Mw3.5, ML1.6(DNK), Confirmed Earthquake

DKN 25 09:20:22.4.1.9.80:48N:2:05W, h36km, 21km, ML1.6, Presumed earthquake

FCIAR 25 09:20:23.0.30:30N:1:92W, h10km, station OMEGA has station magnitude of 2.20

ISC 25 09:20:16.8.1.0.80:46N:0:06.2:23W:0:05, h12km, n18, c263/27, 3C, North of Svalbard

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

BJI 25 09:24:20.7.52:29N:171:85W, h27km, mb5.0/14, mb5.3/64, Ms4.5/16, Ms7.4/318

IDC 25 09:24:19.0.1.4.62:29N:171:56W, h48km, 10km, mb4.4/32, mbtmp4.6/36, ML4.4/4, MS3.7/41, Error ellipse: s-maj=13.7km s-min=8.6km az=166.0

AEIC 25 09:24:24.7.4.3.51:82N:0:10.171:49W:0:08, h25km, 4km, Error ellipse: s-maj=13.9km s-min=7.1km az=174.0

NEIC 25 09:24:25.3.2.7.51:97N:0:08.171:53W:0:09, h57km, 6km, mb4.5/341, ML4.9/14, ML4.7(AEIC), Error ellipse: s-maj=11.5km s-min=7.4km az=163.0

GMT 25 09:24:25.3.0.4.52:06N:0:03.171:53W:0:04, h46km, 2km, MV4.8/61, Moment Tensor Solution. s30,c41; s61,c79;

ISC 25 09:24:24.8.0.8.51:93N:0:06.171:57W:0:04, h54km, 5km, n732, s1915/608, mb4.6/227, MS3.8/50, 9C-7D, Fox Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Korovin Southe, Korovin Flat P, Atka Island, etc.

AKUT Akutan 4.13 56 P Pn 09 25 24.6 -0.7 AKUT Akutan 4.13 56 IAML 09 25 25.6 +0.3

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

Large table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like Katmai Hardscr, Woff Creek Mou, Nushagak Hills, etc.

25d 9h

Table with columns: Station Name, Frequency, Power, Modulation, Direction, Date/Time, and Status. Includes stations like GLI, M23K, D17K, WAT1, SCM, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, Direction, Date/Time, and Status. Includes stations like PETK, PETK, SCRK, SCRK, E22K, LOGN, etc.

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Table with columns: Station Name, Frequency, Power, Modulation, Direction, Date/Time, and Status. Includes stations like H29M, R32K, R32K, SEY, SEY, C27K, etc.

HEH	comp=Z,220nm,21.0s	LR	LR		
H11S1	WAKE ISLAND Hy 37.48 215	T	T	10 11 29.0	
H11S2	WAKE ISLAND Hy 37.50 215	T	T	10 11 30.1	
H11S3	WAKE ISLAND Hy 37.50 215	T	T	10 11 30.3	
USRK	Ussuriysk Arr 37.65 281	P	P	09 31 34.9 +0.6	
USRK	comp=Z,4.4nm,0.6s,baz=60,slo=8.3,SNR=8.9	PcP	PcP	09 33 51.8 +1.2	
USRK	comp=Z,3.0nm,0.7s,baz=4.3,slow=4.2,SNR=4.7	LR	LR	09 46 00.8	
WAKR	Walker 38.27 89	Iamb	Iamb	09 31 43.2	
MAJO	Matsushiro 38.32 267	P	P	09 31 41.1 +1.0	
MAJO	Matsushiro 38.32 267	P	P	09 31 40.4 +0.3	
MJAR	Matsushiro Arr 38.32 267	P	P	09 31 40.7 +0.7	
MJAR	comp=Z,1.8nm,0.8s,baz=54,slow=7.2,SNR=41	PcP	PcP	09 33 53.8 +0.9	
MJAR	comp=Z,6.5nm,0.9s,baz=72,slow=1.3,SNR=9.7	LR	LR	09 45 35.8	
MJAR	comp=Z,1.58nm,20.8s,baz=51,slow=33	LR	LR		
MJAR	comp=Z,1.8nm,0.8s	LR	LR		
MJAR	Matsushiro Arr 38.32 267	P	P	09 31 40.6 +0.5	
HLID	Hailey 38.38 79	Iamb	Iamb	09 31 43.6	
LHV	Little Huntton 39.01 89	Iamb	Iamb	09 31 49.4	
BOZ	Bozeman (W) 39.02 75	Iamb	Iamb	09 31 47.4	
NVAR	Minna Array Bea 39.02 89	P	P	09 31 45.6 -0.6	
NVAR	comp=Z,5.3nm,0.7s,baz=294,slow=8.7,SNR=42	PcP	PcP	09 33 56.9 +1.6	
NVAR	comp=Z,1.0nm,0.6s,baz=288,slow=3.1,SNR=3.6	ScP	ScP	09 37 39.5 -1.8	
NVAR	comp=Z,1.3nm,0.7s,baz=289,slow=3.2,SNR=9.8	LR	LR	09 45 09.7	
NVAR	comp=Z,5.8nm,20.6s,baz=333,slow=32	LR	LR		
JGF	Kuroka 39.45 266	P	P	09 31 51.3 +1.7	
ELK	Elko 39.52 84	Iamb	Iamb	09 31 52.5	
BNX	BinXian 39.59 286	I/P	I/P	09 31 49.0 -1.6	
BNX	comp=Z,9.0nm,1.1s	pmax	pmax		
YHL	Hebgen Lake 39.68 76	Iamb	Iamb	09 31 53.8	
DESP	Deep Springs 39.88 90	Iamb	Iamb	09 31 56.7	
FFC	Flin Flon 40.10 58	P	P	09 31 55.0 +0.3	
FFC	comp=Z,5.0nm,0.6s	Iamb	Iamb	09 31 55.6	
YES	Vestal, Richgr 40.17 92	Iamb	Iamb	09 31 57.9	
H17A	Grant Village 40.29 76	P	P	09 31 59.1 +2.4	
H17A	comp=Z,9.3nm,1.1s	Iamb	Iamb	09 32 00.3	
YNE	Yellowstone No 40.30 75	Iamb	Iamb	09 32 00.9	
GMN	Gold Mountain 40.37 89	Iamb	Iamb	09 32 00.3	
FLWY	Flagg Ranch 40.39 76	Iamb	Iamb	09 32 19.8	
ISA	Isabella, Lake 40.66 92	Iamb	Iamb	09 32 02.0	
RLMT	Red Lodge 40.68 74	Iamb	Iamb	09 32 02.3	
SNOW	Snow King Mount 40.70 77	Iamb	Iamb	09 32 31.6	
CLC	China Lake 41.11 91	Iamb	Iamb	09 32 06.1	
FURC	Furnace Creek, 41.14 90	P	P	09 32 05.2 +1.8	
FURC	comp=Z,1.3nm,1.0s	Iamb	Iamb	09 32 06.5	
TPNV	Topopah Spring 41.22 89	P	P	09 32 06.1 +1.8	
TPNV	comp=Z,10nm,0.9s	Iamb	Iamb	09 32 07.0	
DUG	Dugway, Tooele 41.34 83	Iamb	Iamb	09 32 14.6	
GWY	Greenwater Val 41.44 90	Iamb	Iamb	09 32 08.7	
QSM	Queen of Sheba 41.46 91	Iamb	Iamb	09 32 08.8	
TCTM	Toone Canyon 41.65 80	Iamb	Iamb	09 32 10.3	
PRN	Pahroc Range 41.67 87	Iamb	Iamb	09 32 35.6	
CN2	Changchun 41.82 285	P	P	09 32 08.5 -0.4	
CN2	comp=Z,10.0nm,0.7s	LR	LR		
CN2	comp=Z,190nm,18.0s	LR	LR		
CN2	comp=Z,160nm,18.0s	LR	LR		
CN2	comp=Z,160nm,19.0s	LR	LR		
BW06	Boulder Array 41.82 77	Iamb	Iamb	09 32 11.2	
PD31	Pinedale Array 41.82 77	Iamb	Iamb	09 32 11.2	
PDAR	Pinedale Array 41.82 77	P	P	09 32 10.2 +1.0	
PDAR	comp=Z,6.3nm,0.9s,baz=307,slow=3.3,SNR=48	ScP	ScP	09 37 49.7 0.0	
PDAR	comp=Z,1.3nm,0.9s,baz=277,slow=2.4,SNR=7.1	LR	LR	09 47 13.8	
PDAR	comp=Z,93nm,21.4s,baz=295,slow=33	LR	LR		
PDAR	comp=Z,6.3nm,0.9s	LR	LR		
PDAR	Pinedale Array 41.82 77	P	P	09 32 10.1 +0.8	
MWC	Mout Wilson 41.87 93	Iamb	Iamb	09 32 12.4	
DGMT	Dagmar 41.87 67	Iamb	Iamb	09 32 11.2	
GSC	Goldstone, Bar 41.93 91	Iamb	Iamb	09 32 12.8	
HILR	Hallar Array B 42.05 295	P	P	09 32 09.8 -1.0	
HILR	comp=Z,6.4nm,0.6s,baz=72,slow=9.5,SNR=8.6				
BFSC	Mount Baldy Ra 42.10 93	Iamb	Iamb	09 32 14.2	
FFC	Fort Churchill 42.26 49	Iamb	Iamb	09 32 33.3	
JCJ	Chichijima 42.48 252	LR	LR	09 46 49.5	
ELS	Elsinore Mount 42.64 94	Iamb	Iamb	09 32 18.4	
TMUT	Trail Mountain 42.87 82	Iamb	Iamb	09 32 26.7	
RDMU	Red Mountain 43.10 80	Iamb	Iamb	09 32 22.0	
Q16A	Castle Valley 43.12 83	Iamb	Iamb	09 32 22.6	
DNR	Dunn Ranch,Anz 43.19 93	Iamb	Iamb	09 32 44.0	
P18A	Preston Nutter 43.26 81	Iamb	Iamb	09 32 23.6	
PFO	Pinyon Flats O 43.26 93	LR	LR	09 46 27.9	
PFO	comp=Z,1.43nm,20.4s,baz=297,slow=31	P	P	09 32 21.8 +0.9	
PFO	comp=Z,6.9nm,1.1s	Iamb	Iamb	09 32 30.0	
KNB	Kanab 43.29 86	Iamb	Iamb	09 32 38.3	
DPP	Dos Picos City 43.38 94	Iamb	Iamb	09 32 39.5	
SRU	San Rafael Swe 43.40 82	Iamb	Iamb	09 32 25.3	
BORC	Borrego Spring 43.52 93	Iamb	Iamb	09 32 25.7	
K22A	Casper 43.71 76	Iamb	Iamb	09 32 25.8	
HAR	Barrett 43.76 94	Iamb	Iamb	09 32 27.5	
BMU	Henry Mountain 43.99 84	Iamb	Iamb	09 32 29.3	
U15A	North Rim 44.00 86	Iamb	Iamb	09 32 29.2	
KSRS	Korea Array 44.10 276	P	P	09 32 28.2 +0.8	
KSRS	comp=Z,22nm,0.9s,baz=55,slow=7.8,SNR=62	PcP	PcP	09 34 12.6 +0.9	
KSRS	comp=Z,3.4nm,0.8s,baz=59,slow=3.4,SNR=6.6	LR	LR	09 49 21.8	
KSRS	comp=Z,2.4nm,21.3s,baz=55,slow=34	LR	LR		
KSRS	comp=Z,2.2nm,0.9s	LR	LR		
KS19	Wonju Array Si 44.11 276	P	P	09 32 28.0 +0.5	

KSAR	Wonju Array Be 44.13 276	P	P	09 32 27.8 +0.1	
O20A	White River Ci 44.17 79	Iamb	Iamb	09 32 30.1	
RSSD	Black Hills 44.34 72	Iamb	Iamb	09 32 29.3 -0.3	
RSSD	comp=Z,4.8nm,0.6s	Iamb	Iamb		
HAYD	Hayden 44.53 78	Iamb	Iamb	09 32 36.7	
PV21	Cone Mtn., Par 44.69 82	Iamb	Iamb	09 32 40.8	
PV23	Capenridge Ridg 44.74 82	Iamb	Iamb	09 32 49.7	
PV10	Paradox Valley 44.77 82	Iamb	Iamb	09 32 35.2	
PV22	Blue Mesa, Par 44.82 82	Iamb	Iamb	09 32 43.4	
PV20	West Nyswonger 44.83 82	Iamb	Iamb	09 32 35.2	
PV04	Paradox Valley 44.84 82	Iamb	Iamb	09 32 50.1	
PV19	Morning Glory 44.84 82	Iamb	Iamb	09 32 35.3	
PV17	East Wray Mesa 44.88 82	Iamb	Iamb	09 32 35.5	
PV16	Nyswonger Mesa 44.88 82	Iamb	Iamb	09 32 35.6	
PV05	Paradox Valley 44.92 82	Iamb	Iamb	09 32 39.5	
PV12	Saucer Basin, 44.95 82	Iamb	Iamb	09 32 38.4	
PV03	Paradox Valley 44.96 82	Iamb	Iamb	09 32 35.8	
PV13	Radium Mtn., P 45.04 82	Iamb	Iamb	09 32 37.0	
JNU	Nakatsue 45.10 269	LR	LR	09 50 37.0	
PV15	Paradox Valley 45.13 82	Iamb	Iamb	09 32 38.2	
TJN	Taejon 45.13 275	P	P	09 32 36.6 +0.9	
TJN	Taejon 45.13 275	P	P	09 32 35.8 +0.1	
WUJZ	Wupatki 45.15 87	Iamb	Iamb	09 32 38.6	
PV01	Paradox Valley 45.20 82	Iamb	Iamb	09 32 38.2	
ULM	Lac du Bonnet 45.25 61	P	P	09 32 38.5 -0.2	
ULM	comp=Z,3.1nm,0.8s,baz=297,slow=9.9,SNR=7.3	LR	LR	09 53 40.6	
ULM	comp=Z,92nm,18.3s,baz=298,slow=39	LR	LR		
ULM	Lac du Bonnet 45.55 61	Iamb	Iamb	09 32 50.5	
NEEM	North Greenland 45.77 15	I/P	I/P	09 32 39.6 -0.9	
NEEM	comp=Z,16nm,0.5s	Iamb	Iamb	09 32 40.3	
X16A	Lo Mia Camp, P 45.83 88	Iamb	Iamb	09 32 45.5	
MVCO	Mesa Verde 45.83 83	Iamb	Iamb	09 33 01.4	
NOR	Nord 46.03 5	I/P	I/P	09 32 40.7 -1.5	
NOR	comp=Z,3.3nm,0.6s	Iamb	Iamb	09 32 41.8	
NR1K	Nori'sk 46.16 331	P	P	09 32 43.3 0.0	
NR1K	comp=Z,3.3nm,0.7s,baz=55,slow=8.9,SNR=5.1	PcP	PcP	09 34 18.0 -0.3	
NR1K	comp=Z,3.7nm,0.7s,baz=99,slow=4.3,SNR=5.4	LR	LR	09 53 49.3	
NR1K	Nori'sk 46.16 331	P	P	09 32 42.0 -1.3	
NR1K	comp=Z,3.4nm,0.7s	Iamb	Iamb	09 32 45.3	
S22A	4UR Ranch, Cr 46.52 81	Iamb	Iamb	09 33 03.6	
AGMN	Agassiz Nation 46.64 63	Iamb	Iamb	09 32 48.3	
EPL0	Experimental L 47.02 60	Iamb	Iamb	09 32 51.4	
XLT	XILinhaoTe 47.29 290	eP	eP	09 32 52.5 -0.1	
XLT	comp=Z,2.2nm,1.0s	PcP	PcP	09 34 23.5 +0.6	
XLT	comp=Z,340nm,17.4s	LR	LR		
SDCO	Great Sand Dun 47.33 80	Iamb	Iamb	09 33 10.2	
TUC	Tucson 47.65 90	P	P	09 32 56.7 +1.1	
TUC	comp=Z,3.8nm,0.9s	Iamb	Iamb	09 32 58.0	
UPNV	Upernivik 47.90 21	I/P	I/P	09 32 56.0 -0.8	
UPNV	comp=Z,6.9nm,0.7s	Iamb	Iamb	09 32 57.8	
ANMO	Albuquerque 48.56 84	LR	LR	09 50 52.4	
ANMO	comp=Z,134nm,21.4s,baz=318,slow=33	LR	LR		
ANMO	Albuquerque 48.56 84	P	P	09 33 03.3 +0.6	
ECSD	EROS Data Cent 48.89 68	Iamb	Iamb	09 33 17.1	
Y22A	Socorro 48.92 85	Iamb	Iamb	09 33 08.1	
121A	Cookes Peak, D 49.36 87	Iamb	Iamb	09 33 39.5	
KBS	Kingsbay 49.38 359	P	P	09 33 07.6 -0.6	
KBS	Kingsbay 49.38 359	eP	eP	09 33 07.5 -0.6	
KBS	comp=Z,1.25nm,2.4s	Iamb	Iamb	09 33 16.9	
KBS	Kingsbay 49.38 359	I/P	I/P	09 33 07.6 -0.6	
TLY	Talaya 49.49 305	P	P	09 33 09.3 -0.1	
BJ12	Beijing 49.62 286	pP	pP	09 33 08.5 -2.0	
BJ12	comp=Z,9.0nm,0.6s	pP	pP	09 33 24.5 -0.4	
ULN	Ulanbaatar 49.98 300	P	P	09 33 13.0 -0.3	
ULN	Ulanbaatar 49.98 300	P	P	09 33 13.0 -0.3	
SPA0	Spitsbergen Ar 50.06 358	Iamb	Iamb	09 33 11.2	
SPA0	comp=Z,3.5nm,0.6s	eP	eP	09 33 12.1 -1.2	
SP1S	Spitsbergen Ar 50.06 358	P	P	09 33 12.1 -1.2	
SP1S	comp=Z,3.5nm,0.6s,baz=45,slow=0.7,SNR=9.9	PcP	PcP	09 34 32.0 -0.2	
SP1S	comp=Z,2.8nm,0.6s,baz=71,slow=2.8,SNR=6.5	LR	LR	09 53 52.1	
FRB	Frøbrøyer Bay 50.11 34	LR	LR	09 56 04.4	
SOMN	Songino Array 50.35 300	P	P	09 33 16.3 +0.2	
SOMN	comp=Z,7.3nm,0.7s,baz=55,slow=7.5,SNR=40	PcP	PcP	09 34 33.9 -0.1	
SOMN	comp=Z,4.4nm,0.7s,baz=78,slow=1.9,SNR=8.6	ScP	ScP	09 38 26.3 +1.3	
SOMN	comp=Z,1.4nm,0.7s,baz=51,slow=2.9,SNR=5.7	LR	LR	09 55 07.3	
SOMN	comp=Z,167nm,21.1s,baz=78,slow=37	LR	LR		
SOMN	comp=Z,7				

25d 10h

Table with columns for station name, frequency, and other technical details. Includes stations like BOZK, KARS, KOPR, HEMI, etc.

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Table with columns for station name, frequency, and other technical details. Includes stations like ESJ, ZKTA, SVRC, LGD, etc.

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Table with columns for station name, frequency, and other technical details. Includes stations like BRTR, RCY, DQRL, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like DPC Dobruska-Polom, LJU Ljubljana, OBKA Obir, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like WATA Walderalm, CLL Colim, MDOK Medeo, etc.

Table with columns for station call letters, frequency, power, and other technical details. Includes stations like KEST Kesra, TNS Taurus Mts, VAF Ylistaro, etc.

E27K	Coleen River baz=355	73.58	2	P	P	10 15 01.2	-2.2	
F17K	Baldwin Pennin baz=342	73.62	10	P	P	10 15 01.7	-1.8	
F22K	John River	73.63	6	P	P	10 15 01.7	-1.9	
F18K	Selawik baz=341	73.69	10	P	P	10 15 01.7	-2.2	
F19K	Shalerucik Mo comp=Z,21nm,1.1s	73.70	9	I	Amb	10 15 15.4		
F19K	Shalerucik Mo baz=342	73.70	9	P	P	10 15 01.1	-2.9	
F14K	Arctic Creek baz=336	73.72	13	P	P	10 15 01.7	-2.4	
F20K	Avaraart Lake comp=Z,26nm,1.6s	73.73	8	I	Amb	10 15 07.8		
F20K	Avaraart Lake baz=344	73.73	8	P	P	10 15 01.6	-2.5	
SUR	Sutherland comp=Z,2um,18.5s,baz=13,slow=37	73.73	200	LR	LR	10 48 33.7		
SUR	Sutherland baz=344	73.73	200	P	P	10 15 04.4	-0.4	
F15K	North Star Dit baz=337	73.79	12	P	P	10 15 02.3	-2.2	
F21K	Alatna River baz=346,SNR=12	73.79	7	P	P	10 15 02.2	-2.4	
F24K	Squaw Lake comp=Z,14nm,1.7s	73.95	5	I	Amb	10 15 19.1		
F24K	Squaw Lake baz=350	73.95	5	P	P	10 15 03.2	-2.3	
F26K	Sheenjek River baz=353	73.98	3	P	P	10 15 03.2	-2.5	
F25K	Christian Rive baz=352	74.01	4	P	P	10 15 03.4	-2.5	
COLD	Coldfoot baz=348,SNR=6.2	74.07	6	P	P	10 15 03.7	-2.5	
LEM	Lembana comp=Z,286nm,18.1s,baz=324,slow=40	74.10	112	LR	LR	10 52 56.8		
F28M	Old Crow baz=342	74.20	2	P	P	10 15 03.8	-3.2	
GAMB	Gambell baz=332	74.22	16	P	P	10 15 04.4	-2.6	
F30M	Barrier River comp=Z,28nm,1.4s	74.25	360	I	Amb	10 15 19.0		
F30M	Barrier River baz=340	74.25	360	P	P	10 15 04.5	-2.7	
F31M	Tsiigehthic baz=1.8	74.40	359	P	P	10 15 05.3	-2.8	
G16K	Koyuk River baz=339	74.44	11	P	P	10 15 05.5	-2.9	
G19K	Purcell Mounta comp=Z,21nm,1.1s	74.44	9	I	Amb	10 15 17.6		
G19K	Purcell Mounta baz=343	74.44	9	P	P	10 15 05.7	-2.7	
G21K	Allakaket comp=Z,44nm,1.6s	74.47	7	I	Amb	10 15 21.8		
G21K	Allakaket baz=346	74.47	7	P	P	10 15 05.6	-2.9	
G18K	Tagagawik comp=Z,19nm,1.2s	74.49	9	I	Amb	10 15 39.4		
G18K	Tagagawik baz=342	74.49	9	P	P	10 15 06.0	-2.7	
G15K	Niukluk baz=338	74.55	12	P	P	10 15 05.9	-3.1	
G17K	Kiwalik Moun baz=340	74.59	10	P	P	10 15 06.5	-2.7	
LMN	Caledonia Moun LMN	74.59	317	P	I	Amb	10 15 07.6	-2.0
G23K	Bananan Creek comp=Z,24nm,1.1s baz=349	74.59	6	P	P	10 15 06.5	-2.8	
ANM	Nome baz=336	74.72	13	P	P	10 15 07.6	-2.4	
G26K	Porcupine Riv comp=Z,15nm,0.8s	74.74	3	I	Amb	10 15 21.4		
G26K	Porcupine Riv baz=354	74.74	3	P	P	10 15 07.9	-2.1	
G24K	Hadweenzic Riv comp=Z,40nm,1.6s	74.79	5	I	Amb	10 15 23.8		
G24K	Hadweenzic Riv baz=352	74.79	5	P	P	10 15 08.3	-2.0	
G25K	Gearman Lake baz=352	74.81	4	P	P	10 15 07.5	-2.9	
G30M	IAoh Zraii Nji baz=360	74.88	0	P	P	10 15 08.4	-2.5	
G31M	Satah River comp=Z,58nm,1.9s	74.93	359	I	Amb	10 15 14.2		
G31M	Satah River baz=1.4	74.93	359	P	P	10 15 08.5	-2.7	
G29M	Pine Creek comp=Z,48nm,1.6s	74.94	1	I	Amb	10 15 14.8		
G29M	Pine Creek baz=358,SNR=8.9	74.94	1	P	P	10 15 08.2	-3.1	
G27K	Doyon Strip comp=Z,44nm,1.2s	74.96	2	I	Amb	10 15 24.2		
G27K	Doyon Strip baz=355,SNR=14	74.96	2	P	P	10 15 09.1	-2.3	
IMAR	Indian Mountai 74.97	7	P	P	P	10 15 10.2	-1.2	
H19K	Roundabout Mou baz=344	75.11	9	P	P	10 15 12.4	+0.2	
H19K	Roundabout Mou baz=344	75.11	9	P	P	10 15 10.0	-2.2	
H16K	Elim baz=339	75.17	11	P	P	10 15 10.3	-2.2	
H17K	Granite Mounta baz=341	75.23	10	P	P	10 15 10.9	-2.0	
H18K	Honhosa River baz=342	75.23	10	P	P	10 15 10.3	-2.7	
H22K	Ishlatlita Cre comp=Z,22nm,1.4s	75.28	6	I	Amb	10 15 25.5		
H22K	Ishlatlita Cre baz=348	75.28	6	P	P	10 15 10.7	-2.5	
H20K	Anotleneega Mo baz=345	75.33	8	P	P	10 15 10.9	-2.6	
H21K	Melozitna Riv comp=Z,29nm,1.2s	75.38	7	I	Amb	10 15 26.4		
H21K	Melozitna Riv baz=346,SNR=8.6	75.38	7	P	P	10 15 10.9	-2.9	
EPYK	Eagle Plains comp=Z,18nm,1.1s	75.49	0	I	Amb	10 15 20.8		
EPYK	Eagle Plains baz=359	75.49	0	P	P	10 15 11.5	-3.0	
H23K	Yukon River comp=Z,15nm,1.0s	75.50	6	I	Amb	10 15 24.5		
H23K	Yukon River baz=349	75.50	6	P	P	10 15 12.6	-2.0	
H27K	Steamboat Moun comp=Z,7nm,1.0s	75.54	2	I	Amb	10 15 19.2		
H27K	Steamboat Moun baz=356	75.54	2	P	P	10 15 12.9	-1.9	
H24K	Noodor Dome baz=359	75.61	5	P	P	10 15 13.1	-2.1	
H29M	Whitestone baz=358,SNR=6.4	75.63	1	P	P	10 15 13.2	-2.1	
GCSA	Galena City Sc baz=343	75.81	9	P	P	10 15 13.2	-3.0	
I21K	Tanana comp=Z,15nm,1.0s	75.93	7	I	Amb	10 15 26.6		
I21K	Tanana baz=347,SNR=9.9	75.93	7	P	P	10 15 14.7	-2.2	
I20K	Naaghdeneel baz=345	76.05	8	P	P	10 15 15.0	-2.6	
H13M	Peel River comp=Z,25nm,1.3s	76.05	359	I	Amb	10 15 27.1		
H31M	Peel River baz=1.3	76.05	359	P	P	10 15 15.4	-2.3	
PRP	Porcupine Dome baz=352	76.08	4	P	P	10 15 15.6	-2.3	
I17K	Unalakleet baz=349	76.11	11	P	P	10 15 15.9	-2.1	
I27K	Kandik River comp=Z,45nm,1.7s	76.17	2	I	Amb	10 15 22.2		
I27K	Kandik River baz=355	76.17	2	P	P	10 15 16.6	-1.8	
I23K	Minto, Yukon-K baz=349	76.19	6	P	P	10 15 15.9	-2.5	
MLY	Manley comp=Z,18nm,1.2s	76.19	6	I	Amb	10 15 30.7		
MLY	Manley baz=348,SNR=9.8	76.19	6	P	P	10 15 16.7	-1.8	
POKR	Poker Plat Res baz=351	76.36	5	P	P	10 15 16.4	-3.0	
I28M	Miner Creek comp=Z,15nm,1.1s	76.37	2	I	Amb	10 15 31.3		
I28M	Miner Creek baz=357,SNR=16	76.37	2	P	P	10 15 18.1	-1.5	
I26K	Coal Creek Min baz=354	76.41	3	P	P	10 15 18.1	-1.6	
I29M	Ogilvie Camp,	76.49	1	I	Amb	10 15 31.8		
I29M	Ogilvie Camp,	76.49	1	P	P	10 15 18.7	-1.5	
COLA	COLA COLA	76.57	5	P	I	Amb	10 15 20.6	0.0
COLA	COLA COLA	76.57	5	P	I	Amb	10 15 19.7	-0.8
COLA	COLA COLA	76.57	5	P	P	10 15 19.0	-1.5	
I30M	Mount Dempster baz=360,SNR=24	76.64	0	I	Amb	10 15 19.4	-1.8	
J20K	Nowitna River comp=Z,17nm,1.0s	76.68	8	I	Amb	10 15 30.8		
J20K	Nowitna River baz=346,SNR=6.4	76.68	8	P	P	10 15 19.5	-1.8	
J19K	Poorman comp=Z,4nm,1.5s	76.69	9	I	Amb	10 15 25.4		
J19K	Poorman baz=344	76.69	9	P	P	10 15 19.7	-1.6	
J16K	Anvik River baz=340	76.69	11	P	P	10 15 19.1	-2.2	
ILAR	Eielson Array comp=Z,1.2nm,1.0s,baz=325,slow=2.8,SNR=8.7	76.74	5	P	P	10 15 19.8	-1.8	
ILAR	Eielson Array comp=Z,1.9nm,1.0s,baz=350,slow=7.9,SNR=5.7	76.74	5	P	P	10 15 19.9	+2.6	
ILAR	Eielson Array comp=Z,2.45nm,21.7s,baz=312,slow=37	76.74	5	P	P	10 15 20.4	-1.2	
ILAR	Eielson Array comp=Z,2.9nm,6.3s	76.74	5	P	P	10 15 20.4	-1.2	
NEA2	Nenana comp=Z,30nm,1.6s	76.76	6	I	Amb	10 15 32.6		
NEA2	Nenana baz=350	76.76	6	P	P	10 15 20.1	-1.6	
J17K	YABM Dome baz=342	76.81	10	P	P	10 15 19.8	-2.1	
J25K	Salcha River,	76.99	4	P	P	10 15 20.9	-2.1	
FCC	Fort Churchill comp=Z,23nm,1.3s	77.05	339	I	Amb	10 15 27.3		
HDA	Harding Lake comp=Z,12nm,0.9s	77.09	5	I	Amb	10 15 35.2		
HDA	Harding Lake baz=342	77.09	5	P	P	10 15 20.6	-3.0	
CHUM	Lake Minchumin baz=347	77.16	7	P	P	10 15 21.5	-2.5	
J30M	Hart River comp=Z,30nm,1.1s	77.29	0	I	Amb	10 15 22.6	-2.2	
J29M	Klondike Camp baz=358	77.40	1	P	P	10 15 22.9	-2.5	
K15K	Wolf Creek Mou baz=340	77.48	12	P	P	10 15 23.2	-2.6	
K20K	Telida comp=Z,12nm,0.9s	77.49	8	I	Amb	10 15 33.4		
K20K	Telida baz=346	77.49	8	P	P	10 15 23.5	-2.3	
K17K	Iditarod baz=342	77.57	10	P	P	10 15 23.3	-2.9	
MCK	McKinley comp=Z,24nm,1.2s	77.62	6	I	Amb	10 15 37.9		
MCK	McKinley baz=350	77.62	6	P	P	10 15 24.2	-2.3	
KTH	Kantishna Hill comp=Z,16nm,0.9s	77.62	7	I	Amb	10 15 35.8		
CAST	Castle Rocks baz=347,SNR=14	77.64	7	P	P	10 15 24.4	-2.3	
SCRK	Sand Creek comp=Z,15nm,1.1s	77.70	4	I	Amb	10 15 39.3		
SCRK	Sand Creek baz=354,SNR=12	77.70	4	P	P	10 15 25.1	-2.0	
K27K	Chien comp=Z,17nm,1.1s	77.73	3	I	Amb	10 15 39.9		
K24K	Donnelly Dome baz=352	77.77	4	P	P	10 15 24.7	-2.7	
DAWY	Dawson comp=Z,18nm,1.0s	77.77	2	I	Amb	10 15 39.2		
DAWY	Dawson baz=357	77.77	2	P	P	10 15 25.1	-2.4	
TRF	Thorofare Moun baz=342	77.78	7	P	P	10 15 24.7	-2.9	
RIDG	Independent Ri comp=Z,15nm,1.0s	77.89	4	I	Amb	10 15 37.2		
RIDG	Independent Ri baz=352	77.89	4	P	P	10 15 25.3	-2.8	
YKAW1	Yellowknife Wh comp=Z,17nm,1.3s	77.92	350	I	Amb	10 15 31.3		
YKA	Yellowknife Ar comp=Z,6.5nm,1.1s,baz=14,slow=5.9,SNR=14	77.92	350	P	LR	10 15 26.4	-1.9	
YKA	Yellowknife Ar comp=Z,387nm,18.9s,baz=18,slow=37	77.92	350	P	LR	10 52 08.6		
YKA	Yellowknife Ar comp=Z,6.5nm,1.1s	77.92	350	P	P	10 15 27.5	-0.7	
YKA	Yellowknife Ar comp=Z,17nm,1.1s	77.95	6	I	Amb	10 15 36.4		
K29M	Barlow Dome comp=Z,14nm,0.9s	78.02	1	I	Amb	10 15 41.7		
K29M	Barlow Dome baz=349,SNR=14	78.02	1	P	P	10 15 26.2	-2.7	
L15K	Ungalak Mounta baz=340	78.07	12	P	P	10 15 26.4	-2.6	
L17K	Donlin baz=342	78.13	11	P	P	10 15 26.9	-2.5	
PPLA	Purkeypile baz=347	78.14	8	P	P	10 15		

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Hachiojimakas, Hachioji jima, Sagara, etc.

NNC 25 11:08:33.7z 1.7, 42.00N, 81.64E, h0km, mb3.2, mpv2.7, Error ellipse: s-maj=14.9km s-min=7.9km az=140.0

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

KRSZO 25 11:13:46.5z 1.1, 48.26N, 21.20E, h0km, ML2.57, Error ellipse: s-maj=7.1km s-min=5.6km az=38.0, Suspected Explosion.

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like LTVH, PSZ, STHS, SIRR, etc.

KRNET 25 11:28:36.6z 0.1, 40.77N, 73.20E, h23km, mb3.3, SOME 25 11:28:37.9z 40.93N, 73.27E, h10km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like OHH, TSTA, ARSB, Sufi-Kurgan, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like EKS2, ERKIN-SAY, MRKS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like AAK, AAL, AAR, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KBK, FRU1, CHMG, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KKK1, KKK3, KST, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like DGS, IZV, KRBS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like TNSS, TNSH, TNSB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KOTS, KOTB, KOTC, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KUU, KUR, KTBS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like BTLS, SATY, KURS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like KURS, KPKS, UZB, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like PDGK, RABL, MANU, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like CTAC, KOUNC, RKPI, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like QLP, WRTN, DRB, etc.

25d 11h

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Table with columns: WRA, WARRAMUNGA ARR, 23.88 230, P, P, 11 36 22.5 -0.5, etc. Includes stations like WARRAMUNGA ARR, ARMADA, INKA, AS01, etc.

Table with columns: CMAR, CHIANG MAI ARR, 58.70 295, P, P, 11 41 08.1 +1.3, etc. Includes stations like CHIANG MAI ARR, CHIANG MAI, XILINHAOTE, etc.

Table with columns: KURBB, KURCHATOV ARRA, 84.48 322, P, P, 11 43 40.8 -0.3, etc. Includes stations like KURCHATOV ARRA, TOKMAK 2, L29M, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time Res, etc. Includes stations like E04A, E05A, Y03A, etc.

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

IDC 25 11:43:33.2, 1.2, 15.145, -173.45W, h0km, mb3.6/4, mbtmp3.7/5, ML4.0/1, Error ellipse: s-maj=53.7km, s-min=23.8km az=146.0, Tonga Islands

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like AFI, WRA, ASAR, GSPA, ILAR.

TAP 25 11:54:35.7, 25.15N, 122.44E, h17km, ML3.4, D JMA 25 11:54:36.3, 0.2, 25.15N, 122.44E, 0.6, h162km, 3km, MV2.6/13, NW OFF ISHIGAKIJIMA IS.

ISC 25 11:54:35.4, 2.0, 25.08N, 107.122, 42E, 0.04, h173km, 11km, n76, 6.258/17, Taiwan region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like TWB1, SKH, SX11, etc.

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

SJA 25 11:54:56.9, 0.7, 32.20S, 72.22W, h13km, ML5.3, MW5.0 IDC 25 11:54:56.6, 0.3, 32.20S, 71.56W, h0km, mb5.0/24, mbtmp5.0/28, ML5.1/4, MS4.5/42, Error ellipse: s-maj=15.7km s-min=10.9km az=79.0

MOS 25 11:54:59.5, 1.3, 32.18S, 71.74W, h10km, mb5.5/27, Error ellipse: s-maj=1.1km s-min=6.8km az=100.3 VAO 25 11:54:59.6, 0.2, 32.18S, 71.67W, h10km, mb5.2, Presumed earthquake

NEIC 25 11:55:01.8, 32.21S, 71.76W, h16km GUC 25 11:55:02.9, 0.8, 32.25S, 71.66W, h41km, 2km, ML5.6 CATAC 25 11:55:03.2, 1.0, 32.32S, 71.27W, h25km, 8km, ML5.42, mb5.3/6, mB5.6/5, MLV5.6/3, Mw(mB)5.1/5, Error ellipse: s-maj=11.3km s-min=5.4km az=74.3, confirmed

NEIC 25 11:55:04.7, 2.3, 32.23S, 0.04, 71.62W, 0.06, h35km, 1km, mb5.2/430, Mw5.0/76, Mw5.2/18, Mw5.2(GUC), Error ellipse: s-maj=8.1km s-min=6.0km az=269.0, Moment Tensor Solution. Moment tensor: Scale 1016Nm; Mn2.75; Mo0.110; M00-3.84; M01.168; M02-0.02; M03-0.68; Fault plane solution: M0.388000x1016, NP1.25.000000, 847.220000, 1.34.540000, NP2.05.16200000, 858.000000, 1.52.840000. Principal axes: T: 3.8367, Plg58.0000, Azm8.0000; N: 0.0837, Plg31.0000, Azm174.0000; P: -3.9204, Plg6.0000, Azm268.0000.

NEIC 25 11:55:05.1, 32.23S, 71.62W, h35km NEIC 25 11:55:05.1, 32.23S, 71.62W, h40km, Moment Tensor Solution. Duration: 1s9 Moment tensor: Scale 1016Nm; Mn6.42; Mo0.130; M00-7.72; M01.16; M02-1.36; M03-0.92; Fault plane solution: M0.743000x1016, NP1.25.19300000, 843.690000, 1.109.900000, NP2.05.175.330000, 849.500000, 1.71.990000. Principal axes: T: 6.7667, Plg76.0000, Azm20.0000; N: 1.1879, Plg14.0000, Azm187.0000; P: -7.9545, Plg3.0000, Azm278.0000.

GCMT 25 11:55:06.7, 0.2, 32.13S, 0.01, 71.82W, 0.01, h35km, MW5.2/113, Moment Tensor Solution. s83.c107; s113.c165; Duration: 1s0 Moment tensor: Scale 1016 Nm; Mn5.68; Mo0.17; M00-1.39; M01.12; M02-7.08; M03-13; Mw2.58; Mo0.72; Mo1.72; Mo2-2.73; Mo3-18; Best double couple: M0.753300x1016, NP1.25.28.000000, 839.000000, 1.129.000000. NP2.05.162.000000, 860.000000, 1.63.000000. Principal axes: T: 4.2230, Plg63.0000, Azm25.0000; N: 0.2110, Plg24.0000, Azm176.0000; P: -7.6430, Plg1.0000, Azm271.0000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s.

ISC 25 11:54:59.8, 0.8, 32.21S, 0.02, 71.69W, 0.03, h9km, 4km, n664, s115/524, mb5.3/227, MS4.6/43, 25C-17D, Near coast of central Chile

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like VA06, VA06, VA06, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Lists stations like MT02, CO02, CO02, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like Las Campanas, Panimavida, El Transito, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like Tefe, ALFO1, JANB, SJBMB, etc.

Table with columns for station call letters, name, frequency, power, and other technical details. Includes stations like HBVL, SBA, SBA, Waverly Hall, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like OLIL Olney, CCM Cathedral Cave, CCM Cathedral Cave, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like G40A Rib Lake, E46A Sault Ste Mari, SPMM Marine on St., etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other details. Includes stations like I07A Izee, PINE Pine Mountain, F10A Beach Ranch E, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like AAK Ala-Archa, AAK Ala-Archa, AAK 2.4nm, 0.4s, etc.

SCB 25 14:50:37.7 ± 1.2, 21°42'S, 67°59'W, h191km, 18km, MB5.5, ML3.5/1, Error ellipse: s-maj=7.7km s-min=5.8km

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like MOCB Mochara, YVA Yavi, AOVV TarijaAcel, etc.

TRN 25 14:50:54.4, 15°16'N, 61°12'W, h149km, MD4.2, Near South-east of Dominica.

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

RAO Raoul Island 2.50 26 Pn 15 16 21.6 ± 0.6

Large table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like RTZ Ruatahuna, DTM Mont Dzumac, CZM Charters Town, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TXAR Lajitas Array, TXAR Lajitas Array, TXAR Van Horn, etc.

IDC 25 15:15:40.0 ± 1.2, 31°57'S, 179°28'W, h0km, mb4.2/5, mbmp4.2/7, ML4.2/2, MS3.4/7, Error ellipse: s-maj=31.6km

NEIC 25 15:15:41.2 ± 1.2, 31°55'S, 179°17'W, h0km, 2km, mb4.0/8, Error ellipse: s-maj=31.6km s-min=4.2km

ISC 25 15:15:40.7 ± 0.7, 31°51'S, 179°20'W, h10km, n36, 0°80'25, mb4.3/10, MS3.5/6, 4D, Kermadec Islands region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like RAO Raoul Island, RAO Raoul Island, URZ Urewera, etc.

DJA 25 15:22:48.1 ± 0.2, 8°S, 4°11'7E, h10km, M3.9/14, mb4.1/1, ML3.0/14, Sumbawa region

Table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like TWSI Taliwang, PLAI Taliwang, PLAI Taliwang, etc.

JMA 25 15:36:42.0 ± 0.3, 25°N, 1°12'8E, h71km, MV4.0/5D, NEAR OKINAWAJIMA ISLAND

ISC 25 15:36:37.8 ± 2.7, 24°71'N, 0°05'127.94E, 0.04, h1km, 17km, n104, 1°80'120, mb4.2/25, MS3.4/5, Southeast of Ryukyu Islands

Large table with columns: Code, Station Name, Azimuth, Elevation, Phase ID, Time, Res. Includes stations like JUT3 Takushuku3, JUT3 Takushuku3, JNTH Nagatoyohara, etc.

25d 16h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like D20K, E22K, D23K, C24K, ILAR, FIA1, FINE5, BRTR, BKRT, YKTA, HFS, NOA, ARMA, CTAO, CAN, STKA, INKA, BBOO, WRB, WRA, AS31, ASAR, ASAR, KIWB, ADK, PETK, PETK, N15K, O18K, K15K, L18K, K20K, RND, CCB, ILAR, E19K, GERES.

NEIC 25 15:40:09.2, 1.7, 18.3S:0.1x177.9W:0.1, h589km, 10km, mb4.2/2.1, Error ellipse: s-maj=19.8km s-min=17.0km

ISC 25 15:40:11.0, 0.2, 18.24S:178.18W, h598km, 18km, mb2.9/5, mbmp3.8/6, Error ellipse: s-maj=66.2km s-min=18.0km

ISC 25 15:40:09.6, 0.8, 18.3S:0.1x178.0W:0.1, h600km, n36, 0.158/0.0, mb4.0/1.6, Fijil Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like NSVSV, MSVF, AFI, MARNC, SANWU, QUENC, PLWZ, THZ, LTZ, FOZ, ARMA, CTAO, CAN, STKA, INKA, BBOO, WRB, WRA, AS31, ASAR, ASAR, KIWB, ADK, PETK, PETK, N15K, O18K, K15K, L18K, K20K, RND, CCB, ILAR, E19K, GERES.

ISC 25 15:56:40.3, 2.3, 6.78S:129.64E, h0km, mb3.5/1, mbmp3.5/3, ML3.8/2, Error ellipse: s-maj=148.9km

DJA 25 15:56:51.4, 0.4, 7.3S:13.0E, h154km, 10km, M4.0/1.2, mb4.8/2, mb3.6/6, MLV4.2/1.2, Mw(mB)4.1/2

ISC 25 15:56:52.0, 0.9, 6.87S:0.07x130.14E:0.08, h104km, n18, 0.187/1.8, Banda Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like SAUI, SAUI, SAUI, BNDI, FAKI, FAKI, DRIS, SOEI, SOEI, RKP1, WRA, WRA, BKB, COEN, QIS, ASAR, ASAR, AS01, MKAR.

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WEL 25 16:05:16.4, 1.4, 37.5S:177.17E, h188km, 20km, M3.1/5, ML3.6/2, MLV3.1/5, Error ellipse: s-maj=27.8km s-min=19.1km az=146.1, confirmed, Off east coast of North Island

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like HAZ, RUGZ, URZ, PUKETI, TWGZ, MWZ, RRRZ, TKGZ, MGZ, RIGZ, RAHZ, NMHZ, BKZ, ETWZ, MOVZ, PKVZ, PNHZ, TSZ, BFZ, MRZ, TIWZ, KHOWZ, TMWZ, KIW, CAW, MSWZ, TCW, PLWZ, TUWZ.

BER 25 16:07:26.2, 2.4, 6.7S:50N:34.49E, h0km, ML1.7(HEL), Suspected explosion

HEL 25 16:07:27.8, 0.3, 6.75S:34.16E, h0km, ML1.7, Explosion

KOLA 25 16:07:28.7, 6.75S:34.02E, h0km, ML1.9, Error ellipse: s-maj=2.6km s-min=1.4km az=130.0, Khibiny, mines

ISC 25 16:07:32.6, 2.2, 6.7S:33.35E, h0km, mbmp2.6/2, ML2.0/2, Error ellipse: s-maj=32.5km s-min=11.0km

ISC 25 16:07:28.6, 0.9, 6.766N:0.03, 33.96E:0.03, h0km, n34, 0.137/6.1, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like APA, LVZ, H451, LVZ, LVZ, APATITY, KQVA, VRF, RAJF, RAJF, KU6, MSF, KU1, VADS, VADS, VADS, KU2, RNF, RNF, RANF, KEV, KEV, ARAO, ARAO, ARAO, ARCES, ARCES, ARCES, KLF, HEF, HEF, HEF, TOF, KTK1, PAJU, LANU, LANU, HAMF, FINES, FINES, FINES, I43RU.

ISC 25 16:09:34.9, 1.7, 8.24S:129.54E, h0km, mb3.5/1, mbmp3.6/5, ML3.7/4, Error ellipse: s-maj=61.2km s-min=25.0km az=86.0, Timor Sea

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

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

DJA 25 16:19:01.9, 1.1, 0.1N:3.12E, h30km, 12km, M4.2/2.4, mb5.0/7, mb4.5/8, MLV4.0/2.4, Mw(mB)4.3/7

ISC 25 16:19:03.3, 3.3, 0.24N:126.30E, h81km, 34km, mb3.4/3, mbmp3.8/5, Error ellipse: s-maj=34.7km s-min=25.8km

ISC 25 16:19:02.2, 1.0, 0.23N:0.07x126.27E:0.06, h73km, n13, 0.1155/16, mb3.7/3, Northern Molucca Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like TNTI, MNTI, MNI, GTOI, SGSI, LUWI, APSI, SIJI, SPSI, BIPH, BIPH, KAPPI, WRA, ASAR, MKAR.

ISC 25 16:30:53.5, 5.4, 6.66S:77.44E, h0km, mb3.6/5, mbmp3.6/5, MS3.5/5, Error ellipse: s-maj=198.4km s-min=36.2km az=29.0, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like H04N2, H04N1, H04N3, H04S1, H04S2, H04S3, H08S2, H08S1, H08S3, H01W2, H01W1, H01W1, PALK, ASAR, WRA, SNA4, VNSA, CMAR, MKAR, BRTR, KURBB.

ISC 25 16:38:09.3, 0.9, 55.56N:165.40E, h0km, mb3.6/12, mbmp3.6/13, ML2.9/1, MS2.8/2, Error ellipse: s-maj=28.2km s-min=17.8km az=164.0

KRSC 25 16:38:09.3, 2.0, 55.60N:165.51E, h15km, 25km, M3.8

ISC 25 16:38:11.9, 0.6, 55.64N:0.06x165.66E:0.07, h19km, n33, 0.183/3.2, mb3.5/12, Komandorski Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Includes stations like BKI, BTR, KBTR, KBG, MKZ, SMKR, KMNr, TUMR, SPN, KREr, KOK, DALK, PET, GNL, RUS, PETK, PETK, MTVR, ASAK, KLR, ILAR, MJAR, H1N2, H1N1, SONM.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like Kurchatov Arra, Makanchi Array, Borovoye Array, etc.

GUC 25 16:38:50.8, 0.8, 32.245x71.71W, h37km, 3km, ML3.8

SJA 25 16:38:47.0, 1.5, 32.185x71.78W, 0.05, h4km, 11km, n30, r139/54, 3C-50, Near coast of central Chile

Main station list table for 1591, including stations like YA06, ROCH, CO02, etc.

TRN 25 16:55:03.4, 14.89N-60.55W, h53km, MD3.9, East of Martinique, Windward Islands

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

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like GCMP Grenada, GRSS Sisters, etc.

UPP 25 17:00:23.2, 0.1, 67.05N, 20.97E, h0km, ML2.5, Suspected explosion

HEL 25 17:00:23.9, 0.2, 67.06N, 21.01E, h0km, ML1.9, Suspected explosion

IDC 25 17:00:23.9, 0.8, 67.02N, 21.15E, h0km, mbmp3, 0/5, ML2.3/5, Error ellipse: s-maj=14.3km s-min=7.3km az=109.0

ISC 25 17:00:22.8, 0.8, 67.05N, 0.02, 20.96E, 0.02, h0km, n48, r121/71, Sweden

Main station list table for 2020 JUN, including stations like DUNU Dandret, MASU Masugnbyn, etc.

ML4.0/2, Ms3.9/24, Ms7.3, 8/24, ISC 25 17:00:32.6, 0.7, 23.96N, 0.04, 123.57E, 0.02, h34km, 2km, n147, r193/126, mb4.4/47, MS3.6/26, 1C-3D,

Main station list table for 25d 17h, including stations like HATJ Hateruma jima, IRIF Iriomote-Funau, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like USRK, BNK, TOLIZ, TINTI, CMAR, etc.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res. Includes stations like ARCES, F3OM, FINES, AKASO, etc.

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

Code	Station Name	Δ ^a	AZ ^b	Phase ID	ISC	h	m	s	ISC	Res	
WRA	Warramunga Arr	22.56	166	P	L	17	27	59.7	-1.7		
LEM	Lembang	22.68	247	LR	P	17	27	22.7			
ASAR	Alice Springs	26.07	169	P	P	17	28	34.5	+0.8		
ASAR	comp=2.2nm,0.5s,baz=8.4,slow=2.5,SNR=1.5			PcP	PcP	17	31	59.9	+0.4		
ASAR	comp=2.0,2nm,0.5s,baz=346,slow=3.3,SNR=1.8			ScP	ScP	17	35	32.9	+1.9		
JMT	Monobe	31.93	8	P	P	17	29	24.0	-1.6		
FON	Forrest	32.63	181	I	Iamb	17	29	30.6	-1.1		
FON	comp=2.7,0nm,0.8s			Iamb	Iamb	17	29	33.0			
MORW	Morawa	32.17	200	P	P	17	29	35.8	-0.7		
MORW	comp=2.18nm,1.4s			Iamb	Iamb	17	29	57.0			
CMAR	Chiang Mai Arr	33.31	301	P	P	17	29	40.1	+2.3		
CMAR	comp=2.0,3nm,0.8s,baz=109,slow=8.4,SNR=2.1			Iamb	Iamb	17	29	40.1	+2.3		
CMAR	Chiang Mai Arr	33.31	301	P	P	17	29	36.8	-1.1		
JGF	Kuroka	34.39	13	P	P	17	29	47.4	+0.3		
EIDS	Eidsvold	34.90	143	I	Iamb	17	29	46.3	-5.2		
EIDS	comp=2.6,3nm,0.7s			Iamb	Iamb	17	29	50.3			
KSR5	Korea Arr	35.26	359	P	P	17	29	55.2	+0.8		
KSR5	comp=2.1,6nm,0.5s,baz=176,slow=9.7,SNR=12			P	P	17	29	55.2	+0.8		
MMAR	Matsushiro Arr	35.48	13	P	P	17	29	56.4	0.0		
MMAR	comp=2.6,2nm,0.7s,baz=188,slow=9.1,SNR=17			P	P	17	29	56.4	0.0		
MMAR	Matsushiro Arr	35.48	13	P	P	17	29	56.4	0.0		
MMAR	comp=2.6,2nm,0.7s			Iamb	Iamb	17	29	59.3			
JYT	Yasato	35.69	16	P	P	17	29	58.7	+0.5		
STKA	Stephens Creek	35.92	161	P	P	17	30	00.6	+0.4		
STKA	comp=2.4,6nm,0.7s,baz=352,slow=7.5,SNR=8.7			P	P	17	30	00.6	+0.4		
H11S3	WAKE ISLAND Hy	40.79	64	T	T	18	14	02.8			
H11S2	WAKE ISLAND Hy	40.80	64	T	T	18	14	06.0			
H11S1	WAKE ISLAND Hy	40.80	64	T	T	18	14	04.6			
H11N1	WAKE ISLAND Hy	41.38	62	T	T	18	15	43.3			
H11N2	WAKE ISLAND Hy	41.39	62	T	T	18	15	24.5			
H11N3	WAKE ISLAND Hy	41.40	62	T	T	18	15	44.6			
SHL	Shillong	42.35	307	P	P	17	30	55.8	+1.6		
KLR	Kuldrur	47.10	3	P	P	17	31	31.9	+0.6		
KLR	comp=2.1,5nm,0.5s,baz=243,slow=2.3,SNR=2.8			P	P	17	31	31.9	+0.6		
EVN	Everest	47.47	307	P	P	17	31	36.6	+1.4		
ULN	Ulanbaatar	49.30	341	P	P	17	31	49.4	+1.0		
ULN	comp=2.2,3nm,0.7s			Iamb	Iamb	17	31	50.4			
SONM	Songino Arr	49.49	340	P	P	17	31	51.3	+1.4		
SONM	comp=2.1,3nm,0.5s,baz=153,slow=7.8,SNR=5.6			P	P	17	31	51.3	+1.4		
SONM	Songino Arr	49.49	340	P	P	17	31	51.3	+1.4		
PETK	Petrovavsk	56.34	191	P	P	17	32	40.7	+0.8		
PETK	comp=2.2,1nm,0.7s,baz=210,slow=2.8,SNR=8.2			P	P	17	32	40.7	+0.8		
PDGK	Podgornoye	59.88	320	P	P	17	33	04.0	-1.0		
MKAR	Makanchi Array	59.98	325	P	P	17	33	06.9	+1.4		
MKAR	comp=2.2,9nm,0.4s,baz=116,slow=8.2,SNR=19			P	P	17	33	06.9	+1.4		
MKAR	Makanchi Array	59.98	325	P	P	17	33	06.3	+0.8		
MAK2	Makanchi	60.17	325	P	P	17	33	07.8	+0.9		
KDJ	Kajisay	60.82	318	I	Iamb	17	33	11.6	0.0		
KDJ	comp=2.5,3nm,1.0s			Iamb	Iamb	17	33	14.1			
ZALV	Zalesovo Beam	62.92	333	P	P	17	33	25.5	+0.4		
ZALV	comp=2.0,3nm,0.3s,baz=47,slow=8.2,SNR=2.2			P	P	17	33	25.5	+0.4		
ARSB	Arslanbob	63.34	316	P	P	17	33	29.7	+1.3		
ARSB	comp=2.2,5nm,0.6s,baz=116,slow=6.8,SNR=9.3			Iamb	Iamb	17	33	30.5			
KURB5	Kurchatov Arr	64.15	327	P	P	17	33	34.2	+1.0		
KURB5	comp=2.3,2nm,0.5s,baz=126,slow=5.9,SNR=18			P	P	17	33	34.2	+1.0		
KURK	Kurchatov	64.15	327	P	P	17	33	34.0	+0.8		
KURK	comp=2.5,0nm,0.6s			Iamb	Iamb	17	33	35.4			
GAR	Garm	64.41	313	P	P	17	33	35.9	+0.5		
KK31	Karatay Array	65.71	317	P	P	17	33	44.6	+1.0		
KK31	comp=2.3,2nm,0.8s			Iamb	Iamb	17	33	45.3			
KKAR	Karatay Array	65.71	317	P	P	17	33	44.3	+0.6		
BORK	Borovoye	67.73	327	P	P	17	34	09.8	+1.2		
BORK	comp=2.2,2.5nm,0.6s,baz=116,slow=6.8,SNR=9.3			Iamb	Iamb	17	34	09.8	+1.2		
BORK	Borovoye	69.78	327	P	P	17	34	09.6	+0.7		
BORK	comp=2.3,6nm,0.7s			Iamb	Iamb	17	34	11.0			
AB31	Akbulak array	74.61	321	P	P	17	34	37.5	-0.3		
AB31	comp=2.1,8nm,0.7s			Iamb	Iamb	17	34	39.1			
ABKAR	Akbulak array	81.53	173	P	P	17	34	37.9	+0.1		
VNDA	Vanda	81.53	173	P	P	17	34	35.2	+0.7		
VNDA	comp=2.1,2nm,1.1s,baz=316,slow=5.3,SNR=2.2			P	P	17	34	35.2	+0.7		
ILAR	Eielson Array	85.85	25	P	P	17	35	39.9	+2.0		
ILAR	comp=2.0,2nm,0.4s,baz=256,slow=6.0,SNR=4.4			P	P	17	35	39.9	+2.0		
ILAR	comp=2.0,2nm,0.4s			P	P	17	35	39.9	+2.0		
IDC	25 17:30:12.9,0.8,44.48N,22.31E,h0km,mb3.7/10, mbmp3.8/20,ML3.4/8N,3.1/10,Error ellipse: s-maj=13.1km s-min=7.9km az=3.0										
MOS	25 17:30:13.7,1.0,44.67N,22.33E,h12km,mb4.4/9,Error ellipse: s-maj=6.2km s-min=4.0km az=0.0										
SOF	25 17:30:14.7,4.472N,0.01x22.49E,0.01,h16km,1km,MD4.4/15										
PDG	25 17:30:15.0,5.0,44.87N,22.37E,h12km,9km,ML4.3/13, Error ellipse: s-maj=4.5km s-min=1.7km az=0.0										
BUC	25 17:30:15.8,0.2,44.68N,22.29E,h12km,1km,ml4.5/64, Error ellipse: s-maj=1.4km s-min=1.1km az=40.0										
NEIC	25 17:30:15.8,1.5,44.67N,0.06x22.40E,0.07,h11km,1km,mb4.9/14, Error ellipse: s-maj=8.3km s-min=7.0km mb=168.0										
MCSM	25 17:30:16.9,1.7,45.1N,4.2E,h16km,15km,mb4.4, mb4.5,MLV4.4,Mw(mB)3.7										
MED_RC	25 17:30:16.0,44.74N,22.39E,h26km,Mw4.3,Moment Tensor Solution. Moment tensor: Scale 10 ¹⁵ Nm, M _{xx} -1.02±.58; M _{yy} 3.34±.31; M _{zz} 0.00±.36; M _{xy} -0.51±.33; M _{yz} 0.05000±.015; N _{1P} ±.325,0.00000; .δ80,0.00000; .λ-1,0.00000; .NP ₂ ±.55,0.00000; .δ89,0.00000; .λ-1,0.00000; . Principal axes: T 3.7000, Plg6,0000; Azm 170,0000; N 1.1400, Plg30,0000; Azm 62,0000; P -2.5000, Plg8,0000; Azm 281,0000										
BEQ	25 17:30:16.2,0.2,44.72N,22.40E,h12km,1km,ML4.2/13										
CFUGS	25 17:30:18.4,44.84N,22.86E,h10km,mb3.5/1,MD3.6/4, MSH3.4/4										
THE	25 17:30:19.3,45.1N,8.2E,h24km,13km,MA.1/24, mb4.3/13,MLh4.0/24										
AFAD	25 17:30:20.4,44.45N,23.36E,h7km,4km,MW4.0										
PRU	25 17:30:20.7,45.00N,22.06E,h1km,MA.3										
NAO	25 17:30:23.7,44.74N,22.39E,h10km,MB3.1										
ISC	25 17:30:16.1,0.6,44.72N,0.01x22.38E,0.01,h19km,1km,n422,ε169/593,mb4.1/19,MS3.3/5,74C-41D,Romania										
Code	Station Name	Δ ^a	AZ ^b	Phase ID	ISC	h	m	s	ISC	Res	
DJES	Djerdap	0.11	117	↑	Pb	17	30	19.7	+2.2		
DJES	Djerdap	0.11	117	↑	Sg	17	30	22.2	-0.4		
DJES	Djerdap	0.11	117	↑	Pb	17	30	19.7	+2.2		
DJES	Djerdap	0.11	117	↑	Sg	17	30	22.2	-0.4		
HERR	Herculane	0.17	9	↑	Pb	17	30	20.7	+1.2		
HERR	Herculane	0.17	9	↑	Sg	17	30	23.1	-0.6		
RMGR	Halanga-Turnu	0.23	104	↑	Pb	17	30	22.3	+1.0		
RMGR	Halanga-Turnu	0.23	104	↑	Sg	17	30	25.4	+1.2		
MDVR	Moldovita	0.48	278	↑	Pb	17	30	26.3	+0.3		
MDVR	Moldovita	0.48	278	↑	Sb	17	30	33.0	+0.3		
MDVR	Moldovita	0.48	278	↑	Pb	17	30	25.5	-0.3		
MDVR	Moldovita	0.48	278	↑	Sg	17	30	33.1	+0.3		
KUBS	Kucevo	0.59	239	↑	Pg	17	30	26.4	-1.4		
KUBS	Kucevo	0.59	239	↑	Sg	17	30	35.1	-0.6		
PUNG	Punghina	0.59	138	↑	Pb	17	30	28.1	+0.3		
PUNG	Punghina	0.59	138	↑	Sb	17	30	35.4	+0.8		
PUNG	Punghina	0.59	138	↑	Pb	17	30	28.0	+0.3		
PUNG	Punghina	0.59	138	↑	Sb	17	30	35.4	+0.8		
SRE	Strehaia	0.59	95	↑	Pb	17	30	28.9	+1.1		
SRE	Strehaia	0.59	95	↑	Sb	17	30	38.2	-0.5		
SRE	Strehaia	0.59	95	↑	Pb	17	30	28.8	+1.1		
SRE	Strehaia	0.59	95	↑	Sb	17	30	38.1	-0.5		
BORS2	Bor-Borsko je	0.68	203	↑	Pg	17	30	28.0	-1.5		
BORS2	Bor-Borsko je	0.68	203	↑	Sg	17	30	37.9	-0.6		
GZRA	Gura Zlata	0.73	22	↑	Pb	17	30	29.9	-0.6		
GZRA	Gura Zlata	0.73	22	↑	Sb	17	30	39.0	-1.3		
GZRA	Gura Zlata	0.73	22	↑	Pb	17	30	29.7	-0.6		
GZRA	Gura Zlata	0.73	22	↑	Sb	17	30	39.0	-1.3		
VRSS	Vrsac	0.85	199	↑	Pg	17	30	32.9	+0.6		
VRSS	Vrsac	0.85	199	↑	Sg	17	30	44.0	0.0		
ZAGS	Zajecar	0.91	187	↑	Pg	17	30	33.3	-0.5		
ZAGS	Zajecar	0.91	187	↑	Sb	17	30	46.3	+1.3		
SVIS	Svilajnac	0.95	242	↑	Pg	17	30	35.1	+0.7		
SVIS	Svilajnac	0									

Main table containing astronomical data for 25 days and 17 hours, listing various celestial objects and their coordinates.

25d 18h

Table with columns: CUT, Name, Date, Time, Status, Location, and other details. Includes entries like Chulitna, Petersburg, Purkeville, etc.

2020 JUN

Table with columns: H23K, Name, Date, Time, Status, Location, and other details. Includes entries like Yukon River, Avaraart Lake, Redstone River, etc.

1596

Table with columns: Code, Station Name, Date, Time, Status, Location, and other details. Includes entries like Babbag River, Camden Bay, Sanae, etc.

Station Name: SJA 25 18:28:02.2, 0.8, 31.79Sx68.26W, h111km, 4km, M/L4.2, MW4.2
IDC 25 18:28:02.6, 0.4, 31.78Sx68.16W, h107km, 3km, mb3.6/6, mltmp=9.10, Error ellipse: s-maj=20.9km s-min=13.1km az=71.0
NEIC 25 18:28:03.2, 1.9, 31.80S, 0.06, 68.3W, 0.1, h110km, 4km, mb4.4/22, Error ellipse: s-maj=15.3km s-min=8.6km az=94.0
ISC 25 18:28:02.5, 0.5, 31.79S, 0.03, 68.28W, 0.04, h111km, 4km, n130, s1943/171, mb4.4/18, 8C-18D, San Juan Province

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like AR0D, VA03, CO03, MT10, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like PB06, CPUP, CPUP, ITAB, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like H03N2, H03N3, H03N1, etc.

Technical notes and data for station H03S2, including coordinates, elevation, and observation details.

25d 19h

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ALPN Alpine, MNHN Monahans, 152A Waverly Hall, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like Y49A Blount Mountain, TASM ASL Pad, Albqu, CCM Cathedral Cave, etc.

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PDAR Pinedale Array, H01W1 Cape Leeuwijn H, H01W2 Cape Leeuwijn H, etc.

NOU 25 18:52:51.3, 41°28'S, 175°35'E, h20km, MLv4.0/14, North Island, New Zealand

WEL 25 18:52:52.8, 0.7, 41° S, 175° 5'E, h26km, 4km, M3.6/41, ML3.8/11, ML3.6/11, Error ellipse: s-maj=4.1km

WEL 25 18:52:52.8, 41°08'S, 175°21'E, ML3.6, Mw3.8, Moment Tensor Solution. Moment tensor: Scale 10^14 Nm

Large table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Lists numerous stations including FTFS Featherston Pr, UHSS Upper Hutt Pri, CAW Cannon Point, etc.

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Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like RITZ Rihia Road, NMVZ Naumai, GNWZ Greta Valley S, etc.

ICD 25 18:53:52.2, 0.2, 15°57'N, 121°19'E, h0km, mb3.3/3, mbmp3.4/3, MS3.8/2, Error ellipse: s-maj=38.3km

MAN 25 18:53:55.0, 15°41'N, 120°50'E, h14km, MS4.0, MAN INTENSITY II - BAMBAN & CAPAS TARLAC, MABALACAT CITY PAMPANGA

ISC 25 18:53:54.0, 1.5, 15°43'N, 120°04'E, h4km, 12km, n14, 22515/20, mb3.2/3, Luzon

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PCPS Palayan City, QVPH Quezon City-P, BOLP Bolinao, etc.

WRA Warramunga Arr 37.62 159 P 19 01 08.3 -1.9, 0.6m, 0.5s, baz=340, slow=9.2, SNR=6.2

ASAR Alice Springs 40.94 161 P 19 01 36.6 -1.4, 0.4m, 0.7s, baz=337, slow=7.9, SNR=7.5

NWAO Narrogin (SRO) 48.20 184 LR 19 21 17.7, 0.2m, 0.2m, 21.8s, baz=68, slow=34

ICD 25 18:59:45.6, 0.9, 7°96'N, 134°67'E, h0km, mb3.8/12, mbmp3.9/14, ML4.2/2, MS3.2/9, Error ellipse: s-maj=32.9km

NEIC 25 18:59:47.2, 5.7, 7°89'N, 134°6E, 0.2, 110km, 1km, mb4.2/4, Error ellipse: s-maj=27.7km

DJA 25 18:59:58.6, 1.8, 7°N, 13°4'E, h18km, 26km, M4.9/14, Mw5.0/1, Mb5.0/1, Mw(mB)4.7/6, MwMwp4.7/1, Mw5.0/1

ISC 25 18:59:46.8, 0.6, 7.83N, 134.8E, 0.1, h10km, n40, n171/13, mb3.9/12, MS3.7/7, Western Caroline Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BAKI Biak, DAV Davao City (W), RKPI Ransiki, SIJI Surung, etc.

1600

Table with columns: Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like BVAR Borovoye Array, NRK Norik's, NRK Norik's, etc.

MEX 25 19:03:42.6, 0.7, 15°47'N, 93°22'W, h100km, 10km, MD4.2, GCG 25 19:03:42.2, 2.4, 15°34'N, 93°31'W, h60km, 139km, MD4.2, ML4.1, Presumed earthquake

ISC 25 19:03:40.3, 1.4, 15°34'N, 0°06', 93°27'W, 0.04, h104km, 14km, n27, n1590/43, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like PATR El Naranjo, PATR THIG, THIG THIG, etc.

TEH 25 19:22:39.8, 37°45'N, 56°14'E, h12km, 16km, ML3.8, Presumed earthquake

ISC 25 19:22:41.3, 0.9, 37°51'N, 55°92'E, h0km, mb3.6/14, mbmp3.7/21, ML3.5/7, MS3.7/1, Error ellipse: s-maj=17.5km

NMC 25 19:22:47.1, 3.5, 37°92'N, 56°54'E, h0km, mb3.9, Error ellipse: s-maj=31.5km

ISC 25 19:22:42.3, 1.2, 37°54'N, 0°05', 56°13'E, 0.03, h14km, 7km, n55, n1987/61, mb3.5/13, 4C-1D, Northern and central Iran

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like MRVT Maraveh taph, MIND Minoodasht, BJND Bjornord, etc.

AB31 Akbulak array 12.03 12 1P 19 25 34.3 +1.1, 1.1m, 0.5s, baz=115, slow=14, SNR=23

AB31 1.1m, 0.5s, baz=197, slow=14, SNR=23, KVAR Kislovodsk Arr 12.03 306 Pn 19 25 32.1 -1.3

AKTO Aktyubinsk 12.96 5 1P 19 25 43.8 -2.2, 1.0m, 0.3s, baz=183, slow=14, SNR=11

AKTO Aktyubinsk 12.96 5 1P 19 25 47.4 +1.5, 2.5m, 0.8s, AAK Ala-Archa 14.94 6 Pn 19 26 09.3 -3.9

BRTR Keshik Arr B 17.0 284 P 19 26 46.6 -2.0, 0.2m, 0.3s, baz=12, slow=12, SNR=6.3

25.20h

Table with columns for station call letters, name, frequency, power, and coordinates. Includes stations like NRN Naryn, PDGK Podgornoye, and MAKZ Makanchi.

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Table with columns for station call letters, name, frequency, power, and coordinates. Includes stations like MAKZ Makanchi, MAKZ Ajmer, and MAKZ Karatay Array.

1602

Table with columns for station call letters, name, frequency, power, and coordinates. Includes stations like BORK Borovoye, KMI2 Kunming, and MAKZ Makanchi.

Table with columns: Code, Station Name, Azimuth, Altitude, Position (I/Amb), Time, Residual. Includes stations like VRAC Vranov, DPC Dobruska-Polom, OSTC Ostas, etc.

Table with columns: Code, Station Name, Azimuth, Altitude, Position (I/Amb), Time, Residual. Includes stations like D20K Etiyuk River, E19K Redstone River, E21K Killik River, etc.

Technical notes and coordinates: IDC 25 20:32:38.9... 16.105x175.11W, h272km, 11km; NEIC 25 20:32:42.5... 16.162S;0.1x174.90W;0:09, h302km, 3km; NOU 25 20:32:43.0... 16.222S;174.91W, h315km, mb4.7/17, Tonga Islands; ISC 25 20:32:41.7... 0.3, 16.08S;0.06:175.00W;0.06, h300km, n240, r126/229, mb4.2/49, 34C-15D, Tonga Islands.

Table with columns: Code, Station Name, Azimuth, Altitude, Position (I/Amb), Time, Residual. Includes stations like RTZ Ruatuhana, RTZ Ruatuhana, HIZ Hauri, etc.

Table with columns: Station Name, Frequency, Mode, Band, and various signal quality metrics (e.g., SNR, SNRf, SNRb, SNRc, SNRd, SNRe, SNRf, SNRg, SNRh, SNRi, SNRj, SNRk, SNRl, SNRm, SNRn, SNRo, SNRp, SNRq, SNRr, SNRs, SNRt, SNRu, SNRv, SNRw, SNRx, SNRy, SNRz).

Table with columns: Station Name, Frequency, Mode, Band, and various signal quality metrics (e.g., SNR, SNRf, SNRg, SNRh, SNRi, SNRj, SNRk, SNRl, SNRm, SNRn, SNRo, SNRp, SNRq, SNRr, SNRs, SNRt, SNRu, SNRv, SNRw, SNRx, SNRy, SNRz).

Table with columns: Station Name, Frequency, Mode, Band, and various signal quality metrics (e.g., SNR, SNRf, SNRg, SNRh, SNRi, SNRj, SNRk, SNRl, SNRm, SNRn, SNRo, SNRp, SNRq, SNRr, SNRs, SNRt, SNRu, SNRv, SNRw, SNRx, SNRy, SNRz).

25d 21h

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1608

Table with columns for station code, name, frequency, and signal strength. Includes stations like SSE, S, S, 21 17 05.3 +0.9, YHNB, Yeheng, 35.21 97, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like ANN, comp=N,42um,14.0s, MLR, MLR, 21 12 14.4 +1.5, etc.

Table with columns for station code, name, frequency, and signal strength. Includes stations like KLMR, Klimovskoe, 37.14 327c, P, P, 21 12 27.2 -1.7, etc.

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

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

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

25d 21h

Table with columns for station name, frequency, and signal strength. Includes stations like JKA Kamikawa-asahi, SIRR Siria, JOM Ohasama, etc.

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Table with columns for station name, frequency, and signal strength. Includes stations like GKP GKP, GKP GKP, JAN Janina, etc.

1610

Table with columns for station name, frequency, and signal strength. Includes stations like KRUC Kruc, UPIC Upice, UPIC Upice, etc.

1615

N17K	baz=313,SNR=29	S	SKIKP	21	26	18.3	-0.6
PRP	baz=313	P	SKIKP	72.64	19	P	IAMB
PRP	comp=Z,113nm,1.3s	IAMS_20	IAMS_20	21	53	55.5	
PRP	comp=Z,8um,18.0s	IAMS_20	IAMS_20	21	53	55.5	
PRP	comp=Z,8um,18.0s	IAMS_20	IAMS_20	21	53	55.5	
PRP	comp=Z,8um,18.0s	IAMS_20	IAMS_20	21	53	55.5	
M19K	baz=321	S	SKIKP	21	26	16.2	-2.8
M19K	Big River Lodg	72.65	25	P	P	21	16 45.6 +0.9
M19K	comp=Z,13um,19.0s	IAMS_20	IAMS_20	21	50	54.3	
M19K	Big River Lodg	72.65	25	P	P	21	16 46.7 +1.0
M19K	baz=314	S	SKIKP	21	26	17.7	-1.2
PPLA	Purkeypile	72.67	23	P	P	21	16 45.4 -0.5
PPLA	Purkeypile	72.67	23	P	P	21	16 45.9 0.0
PPLA	baz=316,SNR=27	S	SKIKP	21	26	15.6	-3.5
CCB	Clear Creek Bu	72.69	20	P	P	21	16 44.9 -1.0
CCB	comp=Z,94nm,1.2s	IAMS_20	IAMS_20	21	53	19.8	
CCB	comp=Z,12um,18.0s	IAMS_20	IAMS_20	21	53	19.8	
WRH	Wood River Hill	72.74	20	P	P	21	16 44.9 -1.2
WRH	comp=Z,94nm,1.2s	IAMS_20	IAMS_20	21	50	28.1	
WRH	comp=Z,13um,20.0s	IAMS_20	IAMS_20	21	50	28.1	
IL31	IL31	72.85	20	P	P	21	16 45.5 -1.2
IL31	comp=Z,77nm,1.0s	IAMS_20	IAMS_20	21	50	28.1	
ILAR	Eielson Array	72.85	20	P	P	21	16 46.0 -0.9
ILAR	comp=Z,31nm,0.9s, baz=312,slow=5.1,SNR=72	LR	LR	21	19	28.6 +0.2	
ILAR	comp=Z,12nm,1.0s, baz=309,slow=6.0,SNR=4.3	LR	LR	21	53	47.7	
ILAR	comp=Z,10um,1.8s, baz=310,slow=40	LR	LR	21	53	47.7	
ILAR	comp=Z,31nm,0.9s	LR	LR	21	53	47.7	
ILAR	Eielson Array	72.85	20	P	P	21	16 45.6 -1.3
ILAR	Eielson Array	72.85	20	P	P	21	16 46.0 -0.9
TRF	Thorofore Moun	72.85	22	P	P	21	16 45.9 -1.2
TRF	comp=Z,136nm,1.8s	IAMS_20	IAMS_20	21	51	12.2	
TRF	comp=Z,10um,20.0s	IAMS_20	IAMS_20	21	51	12.2	
TRF	Thorofore Moun	72.85	22	P	P	21	16 47.0 -0.1
TRF	baz=317	S	SKIKP	21	26	17.8	-1.6
O16K	Kokwok River B	72.91	28	P	P	21	16 47.1 -0.1
O16K	comp=Z,136nm,1.1s	IAMS_20	IAMS_20	21	49	26.0	
O16K	comp=Z,11um,22.0s	IAMS_20	IAMS_20	21	49	26.0	
O16K	Kokwok River B	72.91	28	P	P	21	16 48.5 +1.3
O16K	baz=312,SNR=54	S	SKIKP	21	26	22.6	+3.3
N18K	Kilae Creek	72.98	26	P	P	21	16 47.6 -0.1
N18K	comp=Z,110nm,1.4s	IAMS_20	IAMS_20	21	47	39.7	
N18K	comp=Z,14um,21.0s	IAMS_20	IAMS_20	21	47	39.7	
N18K	Kilae Creek	72.98	26	P	P	21	16 49.8 +2.2
N18K	baz=314,SNR=15	S	SKIKP	21	26	24.1	+4.7
UNV	Unalaska Valle	73.01	35	IAMS_20	IAMS_20	21	52 20.3
UNV	comp=Z,8um,18.0s	IAMS_20	IAMS_20	21	52	20.3	
UNV	Unalaska Valle	73.01	35	P	P	21	16 46.3 -1.6
UNV	baz=307	S	SKIKP	21	26	17.4	-2.2
INK	Inuvik	73.04	13	P	P	21	16 47.0 -0.8
INK	comp=Z,22nm,0.8s, baz=336,slow=7.5,SNR=44	LR	LR	21	52	17.0	
INK	comp=Z,4um,20.8s, baz=352,slow=99	LR	LR	21	52	17.0	
INK	comp=Z,22nm,0.8s	LR	LR	21	52	17.0	
INK	comp=Z,113nm,1.2s	IAMS_20	IAMS_20	21	53	19.8	
INK	comp=Z,113nm,1.2s	IAMS_20	IAMS_20	21	53	19.8	
INK	Inuvik	73.04	13	P	P	21	16 47.8 0.0
INK	Inuvik	73.04	13	P	P	21	16 48.3 +0.5
INK	baz=330,SNR=19	S	SKIKP	21	26	18.9	-0.4
MCK	McKinley	73.05	21	P	P	21	16 48.0 -0.1
MCK	comp=Z,10um,19.0s	IAMS_20	IAMS_20	21	50	55.4	
MCK	McKinley	73.05	21	P	P	21	16 48.0 -0.1
MCK	comp=Z,35nm,0.8s	MLR	MLR	21	53	19.8	
MCK	comp=Z,10um,19.0s	MLR	MLR	21	53	19.8	
MCK	McKinley	73.05	21	P	P	21	16 48.1 0.0
MCK	baz=318	S	SKIKP	21	26	18.3	-1.2
M20K	Styx River	73.08	24	P	P	21	16 47.8 -0.6
M20K	Styx River	73.08	24	P	P	21	16 49.0 +0.6
M20K	baz=315,SNR=17	S	SKIKP	21	26	21.8	+2.1
H27K	Steamboat Moun	73.09	17	P	P	21	16 47.8 -0.5
H27K	comp=Z,131nm,1.5s	IAMS_20	IAMS_20	21	50	53.5	
H27K	Steamboat Moun	73.09	17	P	P	21	16 48.7 +0.4
H27K	baz=324,SNR=34	S	SKIKP	21	26	21.0	+1.5
HDA	Harding Lake	73.11	20	P	P	21	16 46.9 -1.5
HDA	comp=Z,82nm,1.1s	IAMS_20	IAMS_20	21	53	23.9	
HDA	comp=Z,12um,20.0s	IAMS_20	IAMS_20	21	53	23.9	
HDA	Harding Lake	73.11	20	P	P	21	16 47.2 -1.2
HDA	baz=320,SNR=31	S	SKIKP	21	26	18.2	-1.3
O17K	Kolliganek Bris	73.16	27	P	P	21	16 48.9 +0.2
O17K	baz=313	S	SKIKP	21	26	26.0	+6.3
F30M	Barrier River	73.20	14	P	P	21	16 48.3 -0.6
F30M	comp=Z,78nm,0.9s	IAMS_20	IAMS_20	21	50	55.4	
F30M	Barrier River	73.20	14	P	P	21	16 49.5 +0.6
F30M	baz=328,SNR=67	S	SKIKP	21	26	22.4	+2.8
BLDU	Ballidu	73.29	150	P	P	21	16 48.4 -1.4
BLDU	comp=Z,70nm,1.1s	IAMS_20	IAMS_20	21	50	53.5	
BLDU	Ballidu	73.29	150	P	P	21	16 50.6 +0.8
RND	Reindeer	73.32	21	P	P	21	16 48.9 -0.8
RND	comp=Z,121nm,1.4s	IAMS_20	IAMS_20	21	50	53.5	
RND	comp=Z,10um,22.0s	IAMS_20	IAMS_20	21	50	53.5	
RND	Reindeer	73.32	21	P	P	21	16 48.9 -0.8
RND	comp=Z,121nm,1.4s	IAMS_20	IAMS_20	21	50	53.5	
P16K	Nushagak River	73.33	28	P	P	21	16 49.0 -0.7
P16K	comp=Z,13um,20.0s	IAMS_20	IAMS_20	21	49	14.1	
P16K	Nushagak River	73.33	28	P	P	21	16 50.9 +1.2
G29M	Pine Creek	73.33	15	P	P	21	16 49.1 -0.6
G29M	comp=Z,174nm,1.3s	IAMS_20	IAMS_20	21	50	53.5	
G29M	Pine Creek	73.33	15	P	P	21	16 50.0 +0.4
G29M	baz=326,SNR=55	S	SKIKP	21	26	24.6	+4.8
EDA	Edea	73.38	263	P	P	21	16 49.8 -0.9
EDA	comp=Z,134nm,1.4s	IAMS_20	IAMS_20	21	50	53.5	

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EDA	comp=Z,10um,19.0s	IAMS_20	IAMS_20	21	52	37.8	
N19K	Bonanza Creek	73.38	25	P	P	21	16 49.9 -0.2
N19K	comp=Z,152nm,1.2s	IAMS_20	IAMS_20	21	53	47.4	
N19K	comp=Z,11um,18.0s	IAMS_20	IAMS_20	21	53	47.4	
N19K	Bonanza Creek	73.38	25	P	P	21	16 51.4 +1.3
N19K	baz=315,SNR=34	S	SKIKP	21	26	28.4	+8.2
L22K	Petersville	73.39	23	P	P	21	16 49.6 -0.5
L22K	comp=Z,11um,21.0s	IAMS_20	IAMS_20	21	48	22.3	
L22K	Petersville	73.39	23	P	P	21	16 49.9 -0.2
L22K	baz=317,SNR=24	S	SKIKP	21	26	22.4	+2.4
J25K	Salcha River,	73.39	19	P	P	21	16 49.0 -1.1
J25K	comp=Z,14um,22.0s	IAMS_20	IAMS_20	21	50	26.3	
J25K	Salcha River,	73.39	19	P	P	21	16 49.3 -0.8
J25K	baz=321,SNR=48	S	SKIKP	21	26	21.4	+1.3
J25K	Skwentna	73.54	23	P	P	21	16 50.3 -0.6
J25K	comp=Z,135nm,1.0s	IAMS_20	IAMS_20	21	52	09.5	
SKT	Skwentna	73.54	23	P	P	21	16 50.4 -0.6
SKT	comp=Z,12um,19.0s	IAMS_20	IAMS_20	21	52	09.5	
SKT	Skwentna	73.54	23	P	P	21	16 50.4 -0.6
SKT	baz=317,SNR=53	S	SKIKP	21	26	24.1	+3.8
I27K	Kandik River	73.57	18	P	P	21	16 51.0 -0.1
I27K	comp=Z,117nm,1.4s	IAMS_20	IAMS_20	21	54	10.0	
I27K	comp=Z,9um,18.0s	IAMS_20	IAMS_20	21	54	10.0	
I27K	Kandik River	73.57	18	P	P	21	16 51.9 +0.8
I27K	baz=324,SNR=23	S	SKIKP	21	26	25.8	+6.6
C36M	Paulatuk	73.62	9	P	P	21	16 50.6 -0.6
C36M	comp=Z,88nm,0.9s	IAMS_20	IAMS_20	21	56	7.3	
C36M	Paulatuk	73.62	9	P	P	21	16 50.8 -0.4
C36M	baz=338,SNR=31	S	SKIKP	21	26	23.0	+2.9
CUT	Chulitna	73.63	23	IAMS_20	IAMS_20	21	55 15.9
CUT	comp=Z,11um,18.0s	IAMS_20	IAMS_20	21	55	15.9	
CUT	Chulitna	73.63	23	P	P	21	16 50.5 -1.0
G30M	Taoh Zraii Nji	73.65	15	P	P	21	16 50.5 -1.1
G30M	comp=Z,125nm,1.1s	IAMS_20	IAMS_20	21	17	10.0	
G30M	Taoh Zraii Nji	73.65	15	P	P	21	16 51.1 -0.5
G30M	baz=328,SNR=73	S	SKIKP	21	26	25.1	+4.2
F31M	Tsigehtehc	73.75	14	P	P	21	16 51.7 -0.4
F31M	comp=Z,146nm,1.4s	IAMS_20	IAMS_20	21	56	8.1	
F31M	Tsigehtehc	73.75	14	P	P	21	16 52.5 +0.5
F31M	baz=330,SNR=38	S	SKIKP	21	26	26.4	+4.5
STLK	Strandline Lak	73.79	24	P	P	21	16 52.0 -0.6
O18K	Koktuh Hills	73.80	26	P	P	21	16 51.9 -0.7
O18K	Koktuh Hills	73.80	26	P	P	21	16 54.3 +1.8
O18K	baz=314,SNR=31	S	SKIKP	21	26	33.4	+1.1
P17K	Kvichak River	73.80	27	P	P	21	16 52.4 -0.1
P17K	comp=Z,9um,19.0s	IAMS_20	IAMS_20	21	48	31.6	
P17K	Kvichak River	73.80	27	P	P	21	16 53.8 +1.3
P17K	baz=313,SNR=11	S	SKIKP	21	26	31.6	+8.9
FALS	False Pass	73.80	33	IAMS_20	IAMS_20	21	50 00.1
FALS	comp=Z,9um,19.0s						

25d 21h

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1616

Table with columns for station ID, name, elevation, frequency, and other parameters. Includes stations like Sheep Creek Mo, Torodi Ar. Bea, Cape Douglas, etc.

Table with columns for station ID, name, elevation, frequency, and other parameters. Includes stations like Chitina, Valde, Barlow Dome, etc.

Table with columns for station ID, name, elevation, frequency, and other parameters. Includes stations like Kayak Island, Steele Glacier, Logan Glacier, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like LB7B, LB7B, LB7B, etc.

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other technical details. Includes stations like WR4K, WR4K, T35M, etc.

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

25d 21h

Table with columns: ID, Name, Time, Date, Location, Status, etc. Includes entries like Bear Canyon, Rib Lake, Busby, Falmout, etc.

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Table with columns: ID, Name, Time, Date, Location, Status, etc. Includes entries like Pasadena Art C, Mount Baldy Ra, Grave, etc.

1618

Table with columns: ID, Name, Time, Date, Location, Status, etc. Includes entries like Santo Domingo, Santo Domingo, Santo Domingo, etc.

IDC 25 21:14:33 4.0, 6.0, 35.49N, 82.42E, h0km, mb4.2/19, mbmp4.2/23, ML 2.8/3, Error ellipse: s-maj=19.0km s-min=13.1km az=40.0

NEIC 25 21:14:36.6:1.5,35.566N,07:82:43E:0.09,h10km,1km, mb4.5/21,Error ellipse: s-maj=16.6km s-min=4.7km az=226.0

ISC 25 21:14:35.9:0.4,35.600N,07:82:37E:0.08,h10km,n70, c0597/68,mb4.4/30,Xizang

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res h, m, s, ISC, Res. Includes stations like WUSHI, PRAGY, PRZHEVAL'SK, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res h, m, s, ISC, Res. Includes stations like KLP, TSSA, DHARMASHALA, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res h, m, s, ISC, Res. Includes stations like CMAR, ENH, HHC, etc.

IDC 25 21:17:02.0:0.5,35.525N,82:37E,h0km,mb4.5/28, mbmp4.5/34,ML3.9/6,Error ellipse: s-maj=13.5km s-min=10.3km az=45.0

MOS 25 21:17:02.8:1.0,35.66N,82:38E,h12km,mb5.1/35,Error ellipse: s-maj=7.1km s-min=3.4km az=110.9

NEIC 25 21:17:04.4:1.3,35.67N,07:82:45E:0.07,h10km,1km, mb5.0/174,Error ellipse: s-maj=12.6km s-min=8.7km az=211.0

BUI 25 21:17:05.1,35.70N,82:40E,h16km,mb4.9/17,ML4.9/3 ISC 25 21:17:03.5:0.6,35.62N,07:82:32E:0.04,h6km,3km, h6km-p-P,n641,c113/655,mb4.9/161,26C-9D,Xizang

XAN Xi'an 22:18 86 eP Pn 21 21 56.8 -0.3

BLN Baanbaatar 22:03 49 iP Pn 21 21 57.3 -1.6

UTO Ulaan 22:21 68 eP S 21 22 02.3 +1.5

CHTO Chiang Mai 22:28 134 P P 21 22 00.9 -0.6

KMPD K-Podol'skiy 42:51 306 P P 21 24 59.0 0.0

VRI Vriocriaoia 42:56 302 P P 21 25 01.1 +1.0

PLOR Plostina 42:62 302 P P 21 24 59.7 -0.8

VSU Vostua 42:66 320eP P 21 25 01.7 +1.1

25d 21h

Table with columns for station name, elevation, wind speed/direction, and other weather data. Includes stations like MLR Muntele Rosu, MJB9 Matushiro, etc.

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Table with columns for station name, elevation, wind speed/direction, and other weather data. Includes stations like MBAR Mbarara, C16K Lisburne Hills, etc.

1620

Table with columns for station name, elevation, wind speed/direction, and other weather data. Includes stations like COLD Coldfoot, L15K Ungak Mouta, etc.

1621

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like COLA College, O15K Ungalikthiuk R, G27K Doyon Strip, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like G31M Satah River, I28M Milner Creek, P18K Big Mountain, etc.

25d 21h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like N31M Braeburn, Yoko, MPMY Sheldon Lake, etc.

IDC 25 21:25:06.4-31.0, 35/348N-82/51E, h0km, mb3.2/1, mbtm3.6/3, ML3.1/2, Error ellipse: s-maj=440.2km s-min=72.2km az=38.0, Southern Xinjiang

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like MKAR Makanchi Array, ZALV Zalesovo Beam, etc.

IDC 25 21:30:43.2-0.8, 35/68N-82/51E, h0km, mb3.7/13, mbtm3.7/18, ML3.1/5, Error ellipse: s-maj=23.7km s-min=14.2km az=50.0

Table with columns: Code, Station Name, A, AZ, Phase ID, Time Res, ISC, h, m, s, ISC. Includes stations like AAK Ala-Archa, AAK Ala-Archa, etc.

25d 22h

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1624

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Tissa, DHARMASHALA, Wushi, Pithoragarh, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Zalesovo Array, Zalesovo Beam, Zalesovo Array, etc.

Table with columns: Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like Malin Array Be, Malin Array Be, Malin Array Be, etc.

IDC 25 22:55:13.6:1.3.35:225x105:99W, h0km, mb3.7/4, mbmp3.7/4, Error ellipse: s-maj=5.0,2km s-min=32.5km az=75.0
ISC 25 22:55:15.1:1.3.35:25:02x106:0W, h0km, mb3.0, h10km, n12, 1507/6, mb3.8/4, Southern East Pacific Rise

26d 1h

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

IDC 26.01:52:18.7-2.1, 33.25S; 177.26W, h0km, mb3.6/3, mbmp3.6/4, ML3.2/1, MS2.8/1, Error ellipse: s-maj=49.3km s-min=40.5km az=62.0, South of Kermadec Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code. Includes stations like URZ Urewera, RPZ Rata Peaks, ASAR Alice Springs, etc.

IDC 26.01:10:07:6.6, 5.34' 73S; 179.38E, h225km, 67km, mb3.5/2, mbmp4.0/4, Error ellipse: s-maj=85.9km s-min=49.1km az=179.0

WEL 26.01:10.15:3.1-0.35' 5.17' 17E; 1.9, h271km, 21km, M4.2/13, ML4.2/18, MLV4.2/13, Error ellipse: s-maj=22.6km s-min=17.9km az=151.8, confirmed

NOU 26.01:10:18.1, 35.65S; 179.16E, h304km, ML4.4/13, Off E. Coast of N. Island, N.Z.

ISC 26.01:10:19.1, 1.3, 35.49S; 0.09-178.8E; 0.1, h300km, n93, a+19.23/105, mb3.6/3, Az=63, Off coast of North Island

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code. Includes stations like MXZ Matakaoa Point, HAZ Tai Kaha, URZ Urewera, etc.

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Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res, Code. Includes stations like TMWZ Te Maipa, KIWI Kapiti Island, MTW Mount Morrison, etc.

IDC 26.01:13:32.3; 35.0, 51.42S; 139.386E, h0km, mb3.6/2, mbmp3.7/3, ML3.7/1, Error ellipse: s-maj=617.2km s-min=163.1km az=147.0, Western Indian-Antarctic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code. Includes stations like STKA Stephens Creek, H01W1 Cape Leeuwin H, H01W2 Cape Leeuwin H, etc.

IDC 26.01:14:29.2; 1.3, 35.16N; 46.35E, h0km, mb3.7/13, mbmp3.7/20, ML3.8/6, Error ellipse: s-maj=26.8km s-min=14.8km az=176.0

TEH 26.01:14:30.0; 35.13N; 46.47E, h6km, 96km, ML3.5, Presumed earthquake

ISN 26.01:14:31.8; 3.1, 35.13N; 46.47E, h6km, 72km, ML3.4, Presumed earthquake

NEIC 26.01:14:32.6; 1.9, 35.31N; 0.03; 46.23E; 0.05, h10km, 1km, mb4.1/11, Error ellipse: s-maj=7.2km s-min=5.2km az=246.0

ISC 26.01:14:30.0-0.4, 35.10N; 0.03; 46.46E; 0.03, h10km, n116, a+210/125, mb4.0/28, 7C-3D, Iran-Iraq border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code. Includes stations like IDHR Dehras, SNJK Sanadaj Korde, IGHG Galeghazi, etc.

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Table with columns: Station Name, Time, Res, Code, Station Name, Az, Az', Phase ID, Time, Res, Code. Includes stations like JLN Jalan Bani Buh, MHTO MHTO, AKTO Aktyubinsk, etc.

DRGP Meser, BZS Meseseni, MBZ Buzias, KKK Kerkira, KEK Kerkira

SIRR Arti, ARTI Arti, MORH Hungary, BVAR Borovoye Array

SGRT San Giovanni R, STEB Steborice, MORC Moravsky Berou

MORC Moravsky Berou, RONA Rosalia, RAFF Raffo, CONA Conrad Oserva

ARSA Arzberg, KRUC Krakuch Arr, KRKL Kralky, MOA Molin

BIOA Bioastray, KBA Koelnbreinsp, GERES Geres Arr B

KHC Kasperske Hory, KURBB Kurchatov Arr, SQTA Sankt Quirin

MOTA Moosalm, FETA Feichten, MKAR Marbach

FIAT FINESS Array S, DAVA Danuels, ZALV Zalesovo Farm

HFS Hagfors, EKA Eskdalemuir Arr, ESDC Sonseca Array

USRK Ussuriysk Arr, KSRS Korea Arr, B20K Meade River

ILAR Eielson Array, I30M Mount Dempster, RSNC 26.01:21:41.0, 0.0, 5N; 1.7, 75W; 1.4, h4km, 2km, M3.0, mb3.8, ML2.7, Colombia

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, Code. Includes stations like ROSC El Rosal, ORTC Ortega, Tolia, ARMEC Armenia, QUIND Quind, etc.

26d 1h

KBA	Koelnbreinsper	87.75 326	i P	P	01 37 30.1	-1.7
LESA	Schwarzeleot	87.82 326	eP	P	01 37 30.4	-1.6
EPLD	Experimental L	87.93 30	P	P	01 37 32.4	+0.1
EPLD	Experimental L	87.93 30	i Amb	I Amb	01 37 33.5	
EKA	eskdalemair Ar	87.96 339	P	P	01 37 31.8	-0.5
IVI	lvigtut	88.32 3	i P	P	01 36 39.8	-5.4
ABTA	Abfallersbach	88.38 326	i P	P	01 37 33.6	-1.0
WTTA	Wattenberg	88.44 327	i P	P	01 37 34.9	-0.1
NRS	Narsarsuaq	88.45 1	i P	P	01 36 39.1	-5.5
MOTA	Moosalm	88.63 327	eP	P	01 37 35.0	-0.8
SQTA	Sankt Quirin	88.67 327	eP	P	01 37 35.0	-1.0
FETA	Feichten	89.04 327	i P	P	01 37 36.6	-1.2
DAVA	Damuelst	89.24 327	i P	P	01 37 37.2	-1.5
TUE	Stuetta	90.09 327	i Amb	I Amb	01 37 42.7	
TXAR	Lajitas Array	96.56 50	P	P	01 38 13.1	+0.6
TORD	Torodi Ar. Bea	119.20 309	PKP	PKP	01 43 28.2	-0.8
QSPA	South Pole Q	120.44 180	PKP	PKP	01 43 29.9	0.0
BOSA	Boshof	121.94 254	PKP	PKP	01 43 34.2	+0.1
SNAA	Sanac	133.77 196	SKP	SKP	01 46 38.9	+0.2
CZSB	Cruzeiro do Su	143.61 57	PKP	PKP	01 44 13.4	+0.3
LPZA	Lapa	152.49 64	PKP	PKP	01 44 37.1	-0.1

IDC 26 01:30:57.1-0.6, 35.61N-82.39E, h0km, mb4.3/22, mbmp4.3/28, ML3.6/6, MS4.0/50, Error ellipse: s-maj=16.5km s-min=11.4km az=26.0
BGR 26 01:30:58.5, 35.88N-82.86E, h10km, mb4.3, MOS 26 01:30:58.2, 1.2, 35.65N-82.34E, h16km, mb4.8/36, MS4.2/18, Error ellipse: s-maj=6.6km s-min=3.2km az=115.1
NEIC 26 01:30:58.8, 1.7, 35.56N-0.07, 82.38E, h10km, mb4.7/76, Error ellipse: s-maj=13.7km s-min=10.9km az=225.0
BUI 26 01:31:00.6, 35.78N-82.38E, h10km, mb5.0/34, mb4.6/46, ML4.8/7, Ms4.5/43, Ms7.4/47
GCMT 26 01:31:01.8, 0.3, 35.72N-0.03, 82.27E, h20km, mb4.3, MW4.8/75, Moment Tensor Solution. s23,c25; s75,c120; Duration: 0 Moment tensor: Scale 10¹⁶Nm; Mr=1.59e-17; Mw=0.03e+10; Ms=1.62e+11; Mm=0.55e+22; Mo=1.08e+05; Mo=0.36e+18; Best double couple: M2.00100e+10; NP2=0.210000e+08, 5.390000e+08, -1.140000e+08; NP2=0.220000e+08, 5.550000e+08, -1.720000e+08. Principal axes: T 2.2400, P1g9.0000, Azm297.0000; N -0.4730, P1g15.0000, Azm30.0000; P -1.7630, P1g73.0000, Azm179.0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function
NNC 26 01:31:15.6, 0.3, 37.12N-85.30E, h0km, mb5.3, mpv5.2 Error ellipse: s-maj=48.8km s-min=46.4km az=65.0
ISC 26 01:30:57.8, 0.8, 35.63N-0.04, 82.41E, h2km, mb4.4, h4km; P-P, n417, t168/395, m64/130, MS4.2/84, 32C-11D, Xizang

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
HNLV	HANLEY	4.03 226	eP	ISC	01 33 44.9	+3.9
HNLV	comp=N,971nm,1.1s		IAML		01 33 08.2	
HNLV	comp=E,871nm,1.1s		IAML		01 33 10.2	
ALCI	Alchi Leh	4.52 253	eP	Pn	01 32 10.9	+3.3
ALCI	comp=N,702nm,0.7s		IAML		01 33 26.8	
ALCI	comp=E,964nm,0.6s		IAML		01 33 32.2	
KLP	Kalpa	5.37 222	eP	Pn	01 32 21.7	+2.5
JOSI	Joshimath	5.60 206	eP	Pn	01 32 25.1	+2.7
JOSI	comp=E,810nm,0.9s		IAML		01 34 14.9	
JOSI	comp=N,914nm,1.0s		IAML		01 34 42.3	
TSSA	Tissa	5.89 244	eP	Pn	01 32 27.2	+0.9
TSSA	comp=E,995nm,1.1s		IAML		01 34 06.2	
TSSA	comp=N,970nm,1.0s		IAML		01 34 09.2	
UTK	UTTARKASHI	5.91 215	eP	Pn	01 32 29.6	+3.1
WUS	Wushi	6.09 337	eP	Pn	01 32 29.5	+0.4
THN	Thein Dam	6.38 242	eP	Pn	01 32 35.8	+3.0
KSHZ	Kashi	6.48 305	eP	Pn	01 32 35.0	+0.7
KSHZ	comp=N,540nm,1.3s		smax			
KSHZ	comp=N,680nm,1.2s		smax			
LGTI	Lohaghat	6.52 198	eP	Pn	01 32 36.8	+1.8
BHK	Bakra	6.57 232	IAML		01 34 47.6	
BHK	comp=N,754nm,1.1s		IAML		01 34 52.1	
TARG	Taragay, Kyrgy	7.07 331	P	Pn	01 32 43.8	+1.1
TARG	Taragay, Kyrgy	7.07 331	P	Pn	01 32 43.8	+1.1
PRZ	Przheval'sk	7.52 337	P	Pn	01 32 50.4	+1.8
PRZ	Przheval'sk	7.52 337	P	Pn	01 32 50.4	+1.8
KDJ	Kajisy	7.66 329	P	Pn	01 32 52.8	+2.2
KDJ	Kajisy	7.66 329	P	Pn	01 32 52.8	+2.2
NRYN	Naryn	7.86 321	P	Pn	01 32 52.8	+2.0
NRN	Naryn	7.86 321	P	Pn	01 32 52.8	+2.0
SHLS	Shalkode	7.85 344	eP	Pn	01 32 53.7	+0.6
SHLS	Shalkode	7.85 344	eP	Pn	01 34 22.2	-0.4
SHLS	Shalkode	7.85 344	eP	Pn	01 32 53.7	+0.6
SHLS	Shalkode	7.85 344	eP	Pn	01 32 53.7	+0.6
UZB	Uzynbulak	7.95 342	eP	Pn	01 32 56.3	+1.9
UZB	Uzynbulak	7.95 342	eP	Pn	01 34 26.9	+1.9
UZB	Uzynbulak	7.95 342	eP	Pn	01 32 56.4	+1.9
UZB	Uzynbulak	7.95 342	eP	Pn	01 34 26.9	+1.9
PDGK	Podgornoye	8.01 345	eP	Pn	01 32 56.5	+1.2
PDGK	Podgornoye	8.01 345	eP	Pn	01 33 07.1	-1.0
PDGK	comp=N,160nm,1.0s		∩Sn			
PDGK	comp=N,300nm,0.9s		∩Lg			
PDGK	comp=N,590nm,1.2s		∩Lg			
PDGK	Podgornoye	8.01 345	P	Pn	01 32 56.5	+1.2
SATY	Saty	8.04 339	eP	Pn	01 32 57.5	+1.8
SATY	Saty	8.04 339	eP	Pn	01 34 28.8	+1.6
SATY	Saty	8.04 339	eP	Pn	01 32 57.5	+1.8
SATY	Saty	8.04 339	eP	Pn	01 34 28.8	+1.6
NDI	New Delhi	8.21 214	eP	Pn	01 33 00.6	+2.6
LDR	Lodi Road	8.29 214	eP	Pn	01 33 01.4	+2.3
KPKS	Kokpek	8.33 341	eP	Pn	01 33 01.3	+1.6
KPKS	Kokpek	8.33 341	eP	Pn	01 34 35.9	+1.5
KPKS	Kokpek	8.33 341	eP	Pn	01 33 01.4	+1.6
KPKS	Kokpek	8.33 341	eP	Pn	01 34 36.0	+1.5
BOOM	Booms koye usch	8.49 326	P	Pn	01 33 03.5	+1.5
BOOM	Booms koye usch	8.49 326	P	Pn	01 33 03.5	+1.5
TNSS	Tian-Shan	8.52 332	eP	Pn	01 33 04.0	+1.5
TNSS	Tian-Shan	8.52 332	eP	Pn	01 33 04.0	+1.5
EVN	Everest	8.52 153	eP	Pn	01 33 00.3	+2.5
MDOK	Medeo	8.59 333	eP	Pn	01 33 04.7	+1.5
MDOK	Medeo	8.59 333	eP	Pn	01 34 42.1	+1.3
MDOK	Medeo	8.59 333	eP	Pn	01 33 04.7	+1.5
MDOK	Medeo	8.59 333	eP	Pn	01 34 42.1	+1.3
AAA	Alma-Ata	8.68 332	eP	Pn	01 34 02.0	+1.6
AAA	Alma-Ata	8.68 332	eP	Pn	01 33 06.9	+1.6
MANEM	Manem	8.84 286	eP	Pn	01 33 06.8	0.0
TKM2	Tokmak 2	8.99 326	P	Pn	01 33 09.9	+1.1
KUDL	Kundal	9.00 216	eP	Pn	01 33 09.7	+0.9
UCH	Uchtor	9.01 319	P	Pn	01 33 10.8	+1.5
KBK	Karagaybulak	9.10 323	P	Pn	01 33 12.7	+2.5

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WMQ	Urumqi	9.13 25	P	Pn	01 33 12.8	+2.2
WMQ	WMQ		S	Sm	01 34 54.8	+0.8
WMQ	comp=N,120nm,1.7s			smax		
DRK	Karamyk	9.26 298	P	Pn	01 33 12.7	+0.1
DRK	Karamyk	9.26 298	P	Pn	01 33 12.7	+0.1
AAK	Ala-Archa	9.31 321	P	Pn	01 33 13.5	+0.3
AAK	Ala-Archa	9.31 321	Pn	Pn	01 33 14.8	+1.6
AAK	comp=N,0.6nm,0.3s,baz=144,slo=13,SNR=19		Lg	Lg	01 35 49.0	
AAK	comp=N,1.2nm,0.3s,baz=150,slo=20,SNR=1.6		LR	LR	01 37 20.5	
AAK	comp=N,1.9m,19.1s,baz=130,slo=41		LR	LR		
AAK	Ala-Archa	9.31 321	Pn	Pn	01 33 14.9	+1.8
AAK	Ala-Archa	9.31 321	∩Pn	Pn	01 33 42.0	+2.9
AAK	comp=N,50nm,0.8s		∩Sn	Sn	01 35 35.5	+3.7
AAK	Ala-Archa	9.31 321	eP	Pn	01 33 12.3	-0.9
AAK	comp=N,214nm,1.2s		∩Pmax	Pmax		
AAK	comp=N,211nm,1.3s		∩Pmax	Pmax		
ARSB	Arslanbob	9.32 310	P	Pn	01 33 13.4	+0.1
ARSB	Arslanbob	9.32 310	P	Pn	01 33 13.4	+0.1
FRU1	Bishkek	9.37 322	P	Pn	01 33 14.8	+0.9
FRU1	Bishkek	9.37 322	P	Pn	01 33 14.8	+0.9
LSA	Lhassa	9.45 126	eP	Sn	01 33 12.0	+3.3
LSA	comp=N,1.1m,7.7s		LR	LR	01 35 17.0	+1.5
LSA	comp=E,1.1m,8.7s		LR	LR		
LSA	comp=N,1.1m,7.7s		LR	LR		
CHMS	Chumysh	9.45 323	P	Pn	01 33 18.3	+3.4
EKS2	Erkin-Say	9.70 319	P	Pn	01 33 20.7	+2.2
TDK	Taldyqorghan	9.84 343	eP	Pn	01 33 22.1	+1.8
TDK	Taldyqorghan	9.84 343	eP	Pn	01 33 22.1	+1.8
SGDS	SGDiny	9.85 325	eP	Sn	01 33 22.7	+1.7
SGDS	SGDiny	9.85 325	eS	Sn	01 35 13.2	+1.6
BTk	Batken	10.17 299	P	Pn	01 33 24.4	-0.5
BTk	Batken	10.17 299	P	Pn	01 33 24.4	-0.5
GAR	Garm	10.20 293	P	Pn	01 33 25.0	-0.4
CHGR	Chuyangaron	11.00 290	P	Pn	01 33 36.2	-0.1
CHGR	Chuyangaron	11.00 290	i P	Pn	01 33 33.9	-2.4
KBL	Kabul	11.01 268	P	Pn	01 33 35.1	-1.4
KBL	Kabul	11.01 268	P	Pn	01 33 35.1	-1.4
KBL	Kabul	11.01 268	P	Pn	01 33 36.7	+0.2
MK31	Makanchi Array	11.15 360	Pn	Pn	01 33 39.0	+0.8
MK31	comp=N,2.1nm,0.8s,baz=180,slo=14,SNR=119		∩Sn	Sn	01 35 35.8	-7.7
MK31	comp=N,2.31nm,1.1s,baz=181,slo=23,SNR=6.2		∩Sn	Sn	01 33 39.2	+1.0
MKAR	Makanchi Array	11.15 360	Pn	Pn	01 33 38.0	-0.2
MKAR	comp=N,2.3nm,0.3s,baz=182,slo=12,SNR=101		Sn	Sn	01 35 37.1	-6.3
MKAR	comp=N,2.1nm,0.3s,baz=183,slo=22,SNR=6.5		Sn	Sn		
MKAR	Makanchi Array	11.15 360	Pn	Pn	01 33 38.5	+0.3
MKAR	Makanchi Array	11.15 360	P	Pn	01 33 38.5	+0.3
MAK2	Makanchi	11.17 358	∩Pn	Pn	01 33 38.8	+0.3
MAK2	comp=N,74nm,0.9s		∩Sn	Sn	01 33 39.2	+0.7
MAK2	comp=N,211nm,1.3s		∩Sn	Sn	01 35 34.5	-9.4
MAK2	Makanchi	11.17 358	P	Pn	01 33 38.8	+0.3
MAK2	Makanchi	11.17 358	eP	Pn	01 33 42.7	+1.8
BTLS	Baital	11.35 328	eP	Pn	01 33 46.2	+1.8
SHAA	Shahritys	11.65 284	Pn	Pn	01 33 47.7	-1.4
KK31	Karatay Array	11.84 313	P	Pn	0	

Table with columns: QIZ, comp, Z, Freq, Name, P, S, I, R, L, M, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, SNR, etc.

Table with columns: AKKB, Malin Array Si, Freq, P, S, I, R, L, M, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, SNR, etc.

Table with columns: VRAC, Vranov, Freq, P, S, I, R, L, M, A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, SNR, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Contains station data for various locations like Grafenberg, Wattenberg, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Contains station data for various locations like RAO, RAO, MSVF, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Contains station data for various locations like H03N2, H03N1, H03N3, etc.

Mn-0.79; Mn-1.78; Mn-2.58; Mn-0.92; Mn-4.13; Mn-0.92; Fault plane solution: M4.1000x10^14 NP1; ... JMA 26 02:47:50.7,0.5,31.1N,40.9,12.9E...

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like JSJ Shimokoshi, JFU Fukue jima 2, JNN Nakashima, etc.

OTC 26 03:11:58.2,0.3,44.60N,55.97W, h18km, ML3.6/7, 278km south from Grand Bank, NI Laurentian Slope

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SJNN Saint John's, GBN Guysborough, DRLL Deer Lake, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MXZ Matakoa Point, HAZ Te Kaha, PUZ Puketiti, etc.

IDC 26 02:59:13.5,3.6,33.42Sx177.68W, h0km, mb3.8/2, mbtmp3.8/3, ML2.7/1, Error ellipse: s-maj=86.2km s-min=49.9km az=129.0, South of Kermadec Islands

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

IDC 26 03:08:46.4,0.8,35.77N,82.41E, h0km, mb3.6/12, mbtmp3.6/17, ML3.3/5, MS4.1/1, Error ellipse: s-maj=24.3km s-min=15.8km az=53.0

IDC 26 03:08:51.7,0.8,35.77N,0.09:82.5E:0.1, h35km, n20, a139/20, mb3.6/11, Xizang

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like AAK Ala-Archa, MKAR Makanchi Array, MKAR Matakoa Point, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like HFS Hagfors, NB2 NORSAR Subarray, NOA NORSAR Array, etc.

OTC 26 03:11:58.2,0.3,44.60N,55.97W, h18km, ML3.6/7, 278km south from Grand Bank, NI Laurentian Slope

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SJNN Saint John's, GBN Guysborough, DRLL Deer Lake, etc.

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

SCB 26 03:47:01.6,1.3,22.30Sx67.54W, h169km, mb16km, ML3.5/2, Error ellipse: s-maj=5.0km s-min=4.3km az=2.0, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB09 IPOC Station P, YJA Yavi, PB06 IPOC Station P, etc.

NOU 26 03:52:36.8,28.81S:175.46W, h243km, mb4.3/24, Kermadec Islands Region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAOU Raoul Island, LPAZ La Paz, BBSO Serra de San D, etc.

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

OTC 26 03:11:58.2,0.3,44.60N,55.97W, h18km, ML3.6/7, 278km south from Grand Bank, NI Laurentian Slope

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SJNN Saint John's, GBN Guysborough, DRLL Deer Lake, etc.

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

SCB 26 03:47:01.6,1.3,22.30Sx67.54W, h169km, mb16km, ML3.5/2, Error ellipse: s-maj=5.0km s-min=4.3km az=2.0, Chile-Bolivia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PB09 IPOC Station P, YJA Yavi, PB06 IPOC Station P, etc.

NOU 26 03:52:36.8,28.81S:175.46W, h243km, mb4.3/24, Kermadec Islands Region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like RAOU Raoul Island, LPAZ La Paz, BBSO Serra de San D, etc.

26d 6h

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

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Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like F21K Alatina River, H21K Melozitna Rive, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like O28M Mount Upton, DAWY Dawson, PINM Pinnacle, etc.

Table with columns: Station Name, Azimuth, Elevation, SNR, and other parameters. Includes stations like MKAR Zalesovo, I46RU Zalesovo INFRA, ZALV Zalesovo Beam, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like LANIS, STHS, OJOC, KECS, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like POKR, K20K, M20K, etc.

Table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like BARN, YUK2, K17K, etc.

AEIC 26 07:20:44.8±1.2, 63°15'N, 0°03:149°35'W, 0.06, h87km, 4km, Error ellipse: s-maj=4.3km s-min=4.0km az=225.0

NEIC 26 07:20:44.7±1.0, 63°13'N, 0°03:149°28'W, 0.05, h93km, 4km, ML3.5/224, ML3.3(AEIC), Error ellipse: s-maj=4.4km s-min=2.9km az=164.0, Central Alaska

Main station list table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like RND, WAT7, MCK, KTH, etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like CKL, SPWE, G22K, etc.

Main station list table with columns: Code, Station Name, Az, Phase ID, Op, Time, Res, ISC. Includes stations like F24K, G26K, DAWY, etc.

PDG 26 07:19:18.1, 33°30'N-36°00'E, h33km, mb7.0/2 BE 26 07:21:02.0, 38°49'N-28°79'E, h10km, mb4.8 BGR 26 07:21:02.0, 38°49'N-28°79'E, h10km, mb4.8 IDC 26 07:21:10.1, 4.0, 38°85'N-27°78'E, h0km, mb5.1/31, mbmp5.0/43, ML4.5/10, MS4.5/80, Error ellipse: s-maj=9.6km s-min=8.9km az=129.0

Table with columns: Country, Name, Time, Status, and other details. Includes entries like SAHR Sahastru, AFR Argos, ODBI Odobesti, etc.

Table with columns: Country, Name, Time, Status, and other details. Includes entries like OFFRI Ofri, OFRI Ofri, TEKS Tekeris, etc.

Table with columns: Country, Name, Time, Status, and other details. Includes entries like AQU A'Aquila, AQU A'Aquila, AQU A'Aquila, etc.

26d 7h

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like AAA Alma-Ata, TNS5 Tian-Shan, MDOK Medeo, etc.

2020 JUN

Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like SOEG, DBIC Dimbokro, DBIC, etc.

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Table with columns: Call Sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like GTA2, SHL Shillong, ZIRO ZIRO, etc.

26d 7h

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Table with columns: ID, Name, Value, Unit, Status, Date, Time, Location, etc. Includes entries like I20K Naaghedeneel, NBMA Muriit-CE, YSS Yuzhno-Sakhali, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, Location, etc. Includes entries like YUK3 Moose Creek, M24K Tolsona, N30M Alameda, etc.

Table with columns: ID, Name, Value, Unit, Status, Date, Time, Location, etc. Includes entries like BRSE Bradley Lake S, O16K Kokwok River B, SJG San Juan, etc.

26d 8h

Table of seismic events with columns for station name, time, magnitude, and location. Includes events like BOQS Boqueron, QUEZ Alcala de Qu, and various events in the Pacific and Atlantic regions.

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Table of seismic events for June 2020, including events like YKA Yellowknife Arr, ILAR Eielson Array, WRA Warramunga Arr, and various events in the Pacific and Atlantic regions.

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Table of seismic events for June 2020, including events like KURBB Kurchatov Arra, ASAR Alice Springs, BVAR Borovoye Array, and various events in the Pacific and Atlantic regions.

IDC 26 10:14:07.3; 1.5, 37.52N; 20.14E, h0km, mb3.3/7, mbmp3.3/7, Error ellipse: s-maj=32.8km s-min=27.5km az=134.0

THE 26 10:14:12.2, 37°N; 20°2'0E, h17km, 4km, M3.0/12, MLh3.0/12

ATH 26 10:14:12.1, 37°28'N; 20°49'E, h8km, 1km, ML3.2/27, Latitude uncertainty: 1 km; Longitude uncertainty: 1 km

ISC 26 10:14:09.9; 1.4, 37.26N; 20.04E, h16km, 8km, m6.2, r193/89, mb3.4/6, Ionian Sea

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

UPP 26 10:21:43.7; 3.0, 64.72N; 30.99E, h0km, ML1.9, Presumed earthquake

KOLA 26 10:21:45.5; 64.64N; 30.52E, h0km, ML2.3, Error ellipse: s-maj=17.7km s-min=13.4km az=20.0, Kostomuksha, Karelia

HEL 26 10:21:45.7; 0.1, 64.69N; 30.64E, h0km, ML2.0, Explosion

IDC 26 10:21:45.2; 2.5, 64.60N; 31.24E, h0km, mbmp3.0/3, ML2.1/3, Error ellipse: s-maj=33.6km s-min=10.7km az=103.0

ISC 26 10:21:45.4; 0.8, 64.74N; 0.02; 30.55E; 0.03, h0km, n47, r180/68, Finland-Karelia border region

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the event in the Finland-Karelia border region.

Table with columns: KVDA, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the event in the KVDA region.

IDC 26 10:33:47.8; 1.2, 11.33N; 70.78W, h132km, 12km, mb4.1/21, mbmp4.5/26, MS3.3/6, Error ellipse: s-maj=13.4km s-min=10.6km az=72.0

FUNV 26 10:33:47.6; 11.46N; 70.66W, h19km, MW4.5, Presumed earthquake

VAO 26 10:33:47.0; 0.6, 11.33N; 70.72W, h123km, 2km, mb4.7, Presumed earthquake

RSNC 26 10:33:48.5; 0.0, 11.1N; 4.7W, h117km, 6km, M4.8, mb5.3, mb5.0, ML4.5, MLV5.4, Mw(mb)4.8

NEIC 26 10:33:48.5; 1.5, 11.33N; 0.08; 70.8W; 0.1, h130km, 2km, mb4.5/18, Error ellipse: s-maj=16.5km s-min=11.1km az=83.0

CATAC 26 10:33:49.7; 0.1, 11.1N; 5.7W, h123km, 7km, MS, 3/6, mb5.0/3, mb5.4/4, MLV5.6/6, Mw(mb)4.8/4, Error ellipse: s-maj=12.5km s-min=10.1km az=53.3, confirmed

ISC 26 10:33:45.4; 0.6, 11.41N; 0.03; 70.75W; 0.04, h110km, 5km, n367, r167/407, mb4.5/122, SD, Near coast of Venezuela

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the event in the Venezuela region.

Table with columns: CHIC, Station Name, Az, Phase ID, Time, Res, ISC. Lists seismic stations for the event in the CHIC region.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Makanchi Array, KKPdf, PKPbc.

WEL 26 11:14:15.4:0.9,31'S7x17'9E±1'3,h12km,M4.4/7, mB4.8/2,ML4.6/13,MLV4.4/7,Mw(MB)4.1/2,Error ellipse: s-maj=18.5km s-min=4.7km az=118.2,confirmed.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Green Lake, Te Kaha, Raukumara Rang, Puketiti, Tauwhareparae, Urewera, Matawai, Karaka, Carnagh Statio, Murupara, Rimuhau, Ruatuhuna, Te Maari, Vera Road, Kereru, Pukenui.

HEL 26 11:19:27.0:0.4,61'38N,30'53E,h0km,ML1.3,Explosion,Finland-Karelia border region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Joensuu, Nilsia, Virojoki, Kangasniemi, FINESS Array S, Suumaiinen, Romuvara, Keuruu, Kurvinen, Ranua.

HEL 26 11:19:45.4:0.3,60'09N,24'39E,h0km,ML0.8,Explosion,Finland

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Metsahovi, Lautasaari He, Helsinki, Vuosari Helsi, Nurmiarvi, Tvarminne, Pernaia, FINESS Array S, Rauma, Kankaanpaa, Keuruu, Sumiainen.

IDC 26 11:30:10.0:2.2,32'91N,86'12E,h0km,mb3.3/4, mbmp3.3/7,ML3.3/3,Error ellipse: s-maj=74.7km s-min=22.0km az=72.0

ISC 26 11:30:14.4:1.9,33'00N,02'86E,0.4,h35km,n7,±1°08/7, mb3.3/4,Xizang

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Makanchi Array, Chiang Mai Arr, Kurba, ZALV, SONM, WRA, ASAR.

CATAC 26 11:31:05.3:0.8,12°N,4'x8'3W±1',h17km,7km,M3.5/12,MLV3.5/12,Error ellipse: s-maj=8.8km s-min=5.9km az=31.4,confirmed

SNET 26 11:31:08.0:0.6,11'98N,87'75W,h38km,9km,ML3.5, Presumed earthquake

ISC 26 11:31:06.1:2.7,11'9N,0:1'87,80W,0:07,h25km,18km,

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like San Cristobal, Cosiguina Volc, Rota Cerro Neg, Geoterma Pol, Copaltepe, Al SSO del Vol, Centro Negro, MACN EI Maddono, Intipuca, Momotombo, Conchagua, La Caada, La Caada, LCND, Lacy, Pacayal, Tecapa, Finca el Limon, Centro de Oper, Sur Rio San Ju.

NOU 26 11:36:39.7,44'41'S,167'12E,h56km,MLV4.3/13, South Island, New Zealand

WEL 26 11:36:40.7,44'66S,167'48E,ML4.0,Mw3.9, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mw:4.72; Mw:2.65; Mw:3.22; Mw:1.93; Mw:5.87; Mw:3.75; Fault plane solution: Mb:4.900000x10^14 NP1: 0.207,00000, 0.63,00000, 1.70,00000. NP2:0.67,00000, 0.33,00000, 1.24,00000. Principal axes: T 6.6220, P166.0000, Azm80.0000; N 2.9340, P16.0000; Azm217.0000; P 2.9560, P16.0000; Azm312.0000; Stations used: FZ, DZ, EAZ, FOL, CZ, LBZ, MSZ, PYZ SVZ, TUZ, WHZ, WKZ, REVERSE FAULTING

WEL 26 11:36:41.6:0.45,5'3,16'8E,±h5km,M3.9/9,ML3.8/9,MLV3.9/9,Error ellipse: s-maj=5.7km s-min=2.9km az=119.9,confirmed

ISC 26 11:36:40.3:1.3,44'64S,0:03,167'42E,0:05,h17km,9km,n74,±121/84,South Island

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Milford Sound, Glenorchy, TAFS, Deep Cove, Mavora Lakes, Queenstown Pol, Neils Beach, Jackson Bay, Wanaka, Mossburn Schoo, Wana National, Wether Hill, Makarora Emerg, Haast DOC Work, Earnsclough, Rarakau, Puysegur Point, Puysegur Point, Orepuki, ICCS, Twizel Area Sc, Lake Benmore, Tuapeka, Fox Glacier, The Paps, Scrubby Hill, Otahua Downs, Taupo, Highcliff Hill, Timaru, Rata Peaks, Arundel, Waikata Valley, Mount Hunt, Wakanui South, Inchbonnie, Oxford, Queen's Vall, Lake Taylor, Akarora Harbour, Amberley, Okains Bay, Denniston Nort, Tophouse, Kahutara, Kahutara, Matariiki Terra, Quartz Range, Quartz Range, Quartz Range, Blackbirch Sta, Nelson, Tuamarina, Tongariro, D'Urville Is, South Karori, Cannon Point, Kapiti Island, Otaki Gorge, Mount Morrison, Holdsworth Sta, Newall Road No, Mangatoinaka R, Palmer Road, North Egmont, Durham Road.

KOLA 26 11:37:35.5,68'09N,33'39E,h0km,ML1.7,Error ellipse: s-maj=3.9km s-min=1.6km az=150.0,Olenegorsk City, Mines, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Apatity Array, Lovozero, Apatity.

KOLA 26 11:37:55.0:0.4,68'09N,0:03,33'01E,0:07,h0km,ML2.3(MOS),The earthquakes of Russia in 2020. Obninsk, GS RS, 2022.

IDC 26 11:37:57.5:2.9,68'03N,32'73E,h0km,mbtmp2.7/2,ML2.0/2,Error ellipse: s-maj=36.9km s-min=13.6km az=61.0

ISC 26 11:37:54.1:1.1,67'99N,0:05,33'21E,0:07,h0km,n8,±0566/12,Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Apatity Array, Apatity, Lovozero, Vadsvo, ARCESS Array B, ARCES, I37NO, FINES.

IDC 26 11:46:19.1:4.0,4'19S,102'17E,h0km,mb3.5/6, mbtmp3.5/6,Error ellipse: s-maj=189.4km s-min=20.9km az=54.0

DJA 26 11:46:23.8:0.3,4'S,2'x10'2E,±h10km,M4.0/21,MLV4.0/21

ISC 26 11:46:21.9:1.7,4'34S,107'102E,0:08,h16km,14km,n29,±1195/22,mb3.6/6,Southern Sumatra

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like University, Be, Kapahiang, Manna, Enggano, Bengk, Maura Aman, Liwa, Maura Dua, Kota Agung, Padang, Cibinong, Chiang Mai Arr, Diego Garcia H, Diego Garcia H, Diego Garcia H, Cape Leeuwin H, Cape Leeuwin H, Cape Leeuwin H, Warramunga Arr, Alice Springs, Makanchi Array, Kurba, ZALV, H04N2, H04N1, H04N3, H04S1, H04S3, H04S2, TXAR.

IDC 26 11:51:36.9:1.4,21'92S,179'60W,h599km,14km,mb3.0/6, mbtmp4.0/7,Error ellipse: s-maj=24.1km s-min=17.8km az=97.0

ISC 26 11:51:36.1:0.9,22'05S,179'50W,0:2,h592km,n17,±0561/18,mb3.9/3,Fiji Islands region

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res. Includes stations like Nonsavu, Stephens Creek, Alice Springs, Warramunga Arr, Vanda, QSPA, PETK, VNA3, VNA1, VNA2, BVAR, HFS, AKASO, EKKA, BRTR, MMAI, GERES.

MOS 26 11:54:54.0:0.9,19'04N,121'27E,h26km,mb5.5/77,MS4.9/28,Error ellipse: s-maj=6.9km s-min=3.7km az=115.5

26d 11h

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

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

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

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Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like WRA Warramunga Arr, GUNA, WRR8 Warramunga Arr, PALK Pallekele, etc.

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Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ASAR comp=Z,1.6nm,0.5s, ASAR comp=Z,7.4nm,1.0s, ASAR comp=Z,3.0nm,0.9s, etc.

26d 11h

Table with columns: Call sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like CHM Chinkent, CHM Chinkent, BRZS Berezinski, BRZS Berezinski, SHAA Shahritus, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like Toolangi, Um Al Zomool, and various rivers and creeks.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like Chernabura Isl, Gofitskoye, and various rivers and creeks.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like Naaghedeneel, White Mountain, and various rivers and creeks.

Table with columns: Station Name, Time, Res, Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like TWT, TDCB, EOSA, etc.

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

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

Explosion HEL 26 12:39:33.1±0.4, 59°14'N; 28°46'E, h0km, ML1.9, Explosion

Presumed earthquake ISC 26 12:39:33.1±1.3, 59°17'N; 0°03:28'21E; 0.06, h0km, n33,

19±2/42, Baltic States-Belarus-Northern Russia

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res. Includes stations like EE04, EE04, EE03, etc.

Code Station Name Az Phase ID Time Res. Includes stations like KARP, KARP, KARP, etc.

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

Code Station Name Az Phase ID Time Res. Includes stations like THAS, THAS, THAS, etc.

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

NEIC 26 13:45:36.9±2.2, 30.95S:0.07:65.3W:0.1, h183km, 9km, mb4.7/13, Error ellipse: s-maj=13.2km s-min=10.7km az=98.0
IDC 26 13:45:36.3±1.2, 30.188S:65.32W, h173km, 13km, mb4.1/7, mblm2.4/6/11, Error ellipse: s-maj=22.4km s-min=12.1km az=126.0
SJA 26 13:45:37.4±0.6, 31.100S:65.47W, h203km, 4km, ML4.7, MW4.4
VAO 26 13:45:38.7±0.3, 30.789S:65.42W, h211km, 2km, mb4.4, Presumed earthquake
ISC 26 13:45:37.6±0.5, 30.85S:0.04:65.49W:0.04, h196km, 5km, n143, s171/174, mb4.5/11, 5D, Cordoba Province

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

Main table of seismic events with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes event details like AOODB, AOODB, AOODB, etc., and event descriptions like SDD 26 13:52:34.8±0.5, 18.42N:71.56W, h42km, 4km, MD2.6.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations for the event on 2020 JUN 14, including stations like AKHS, AKHS, AKHS, etc.

IDC 26 14:36:08.2±1.1, 0.45:60N:145.40E, h0km, mb3.5/5, mblm2.5/5, Error ellipse: s-maj=293.6km s-min=35.1km az=165.0
JMA 26 14:36:18.7±0.3, 44°N:1°14'E±1, h156km, 2km, MW3.0/32, NEAR KUNASHIRI ISLAND
SKHL 26 14:36:18.5±0.1, 43.90N:145.70E, h142km, 2km, mb4.7/5, msh5.3/5

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Lists seismic stations for the event on 2020 JUN 14, including stations like YUK, YUK, YUK, etc.

26d 14h

Table of seismic data for stations 26d and 14h, including columns for station name, time, magnitude, and quality indicators.

2020 JUN

Main table of seismic data for June 2020, listing station names, times, magnitudes, and quality indicators.

1668

Table of seismic data for station 1668, including station name, time, magnitude, and quality indicators.

Table for Puerto Rico region seismic data, including station names, times, magnitudes, and quality indicators.

Table for Costa Rica border region seismic data, including station names, times, magnitudes, and quality indicators.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like PIR0, CHIR3, EDAD, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like HAKT, ADCV, BITLIS, etc.

Table with columns: Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like MMAI, EIL, EIL, etc.

IDC 26 14:56:25.2±2.8, 7.88S; 117.71E, h259km±26km, mb3.2/7, mbmp3.9/9, Error ellipse: s-maj=48.4km s-min=11.6km az=59.0

IDC 26 15:14:54.8±0.8, 35.56N; 26.72E, h0km, mb3.8/9, mbmp3.6/15, ML3.6/5, Error ellipse: s-maj=22.2km s-min=10.3km az=168.0

IDC 26 15:14:56.6±0.9, 35.49N; 0.03-26.72E±0.02, h15km±6km, n87, ±157119, mb3.9/8, Crete

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

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

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like TOR, BVAR, KURBB, etc.

WEL 26 14:58:37.6±1.1, 33.9S; 9°17'8W±2.4, h12km, M4.6/6, mb4.7/1, ML4.7/10, ML4.6/6, Mw(mb)3.9/1, Error ellipse: s-maj=32.6km s-min=4.3km az=109.9, confirmed

IDC 26 14:58:38.0±3.2, 33.31S; 117.92W, h0km, mb4.1/2, mbmp4.1/3, ML3.5/1, MS3.6/2, Error ellipse: s-maj=77.7km s-min=47.0km az=130.0

IDC 26 14:58:35.8±2.2, 33.45S; 0°11'17.7E±0.3, h10km±n18, ±183/29, South of Kermadec Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like GLKZ, MXZ, WMGZ, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like THR3, THR2, THR1, etc.

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

ISK 26 14:58:58.5±39.26N; 42.97E, h5km, ML3.1/4, AFAD 26 14:59:01.5±38.51N; 43.95E, h7km±2km, ML2.4

AZEP 26 14:59:01.8±38.52N; 44.13E, h2km, ml2.5, ISK 26 14:58:01.4±1.3850N; 0.03-43.98E±0.03, h9km±9km, n28, ±1501/36, Turkey

IDC 26 15:40:44.9±1.1, 1.33N; 126.26E, h0km, mb3.8/5, mbmp3.7/7, ML3.4/2, Error ellipse: s-maj=57.2km s-min=18.1km az=64.0

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like OZAP, TVAN, VMUR, etc.

Table with columns: Code, Station Name, Azimuth, Elevation, Azimuth Error, Elevation Error, SNR, and other parameters. Includes stations like AYDN, AKAS, KNDR, etc.

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

HEL 26 15:40:56.8-0.2,67.81N-33.92E,h0km,ML2.1,Explosion
BER 26 15:40:57.1-3.5,67.58N-34.32E,h0km,ML2.1(HEL),
Suspected explosion

KOLA 26 15:40:57.0-0.3,67.68N-0.02-34.10E-0.06,h0km,
M2.7(MOS),The earthquakes of Russia in 2020. Obninsk,
GS RAS, 2022.

IDC 26 15:40:59.7-2.0,67.71N-33.47E,h0km,mbmp3.5/4,
ML2.6/4,Error ellipse: s-maj=24.3km s-min=10.6km
az=79.0

ISC 26 15:40:56.0-0.9,67.65N-0.03-34.16E-0.04,h0km,n41,
c1527/67,Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the 26th of June.

JMA 26 15:45:49.5-0.7,32.1N-5.13E-1.1,h410km,MV3.8/43,
NEAR TORISHIMA IS

IDC 26 15:45:54.6-0.8,32.11N-138.06E,h385km,15km,mb2.8/6,
mbmp3.6/11,Error ellipse: s-maj=35.1km s-min=16.8km
az=74.0

ISC 26 15:45:53.7-0.8,32.17N-0.07-138.46E-0.10,h400km,n23,
c1568/28,mb2.9/6,Southeast of Honshu

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the 26th of June.

0.4nm,0.5s
FINES FINESSE Array B 71.97 332 P P 15 56 38.0+3.3
0.4nm,0.3s,baz=64,slow=4.4,SNR=5.1
0.4nm,0.3s

BUL 26 15:51:25.8-1.1,18.65S-25.73E,h10km,MD3.1,
Presumed earthquake

BGSI 26 15:51:31.7-2.2,18.43S-26.42E,h9km,26km,ML2.7,
Presumed earthquake

ISC 26 15:51:29.7-1.2,18.46S-0.05-26.38E-0.05,h10km,n8,
c1569/14,Zimbabwe

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the 26th of June.

BJI 26 16:05:42.2,20.63N-94.11E,h80km,mb4.5/4,mb4.5/27
NDI 26 16:05:45.1-3.1,20.84N-94.38E,h80km,ML4.1,MW4.1,
Presumed earthquake

NEIC 26 16:05:45.3-1.6,20.87N-0.08-94.29E-0.09,h82km,6km,
mb4.5/5,mb4.1/8,Mjma3.5/19,ML4.3/14,MLV4.0/17,
Mw(mb)3.2/5

IDC 26 16:05:45.4-1.6,20.89N-94.29E,h80km,13km,mb3.8/17,
mbmp4.1/18,MS3.1/2,Error ellipse: s-maj=27.0km
s-min=11.5km az=42.0

BKK 26 16:05:47.1-1.1,21.1N-5.9E-1.1,h35km,13km,M3.9/19,
mb4.2/5,mb4.1/8,Mjma3.5/19,ML4.3/14,MLV4.0/17,
Mw(mb)3.2/5

ISC 26 16:05:46.7-0.5,20.89N-0.05-94.26E-0.05,h100km,n271,
c1578/278,mb4.5/5,2C,Myanmar

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists various seismic stations and their recorded data for the 26th of June.

MOKO MOKOCHONG 5.42 2 eP Sn 16 07 03.2 -0.0

MOKO MOKO 16 08 00.9 -5.4

MOKO MOKO 16 08 10.8

MOKO MOKO 16 08 11.3

LAMP Lampang 5.58 114 P Pn 16 07 05.6 -1.8

TNCH TengChong 5.20 43 P Pn 16 07 11.0 +1.9

TNCH TengChong 16 08 09.0 -4.2

GUWA GUWAHATI 5.78 336 eP Sn 16 07 07.9 -2.1

GUWA GUWA 16 08 08.3 -6.8

GUWA GUWA 16 08 12.6

GUWA GUWA 16 08 12.9

DHUB DHUBRI 6.43 323 eP Sn 16 07 16.3 -2.6

DHUB DHUB 16 08 24.3 -6.6

DHUB DHUB 16 08 28.0

ZIRO ZIRO 6.62 357 eP Sn 16 07 20.0 -1.7

ZIRO ZIRO 16 08 31.1 -4.6

ZIRO ZIRO 16 08 41.1

BHPL Bhopal 15.78 282 eP P 16 09 25.0 -0.2

BHPL Bhopal 16 12 05.2 -1.3

GTA2 Gaotai 19.13 13 eP P 16 10 01.5 -0.6

GSI Gunungsitoli 21.73 170 P P 16 10 06.2 -2.4

LYN Luoyang 19.05 46 P P 16 10 07.8 +5.0

LYN Luoyang 16 10 07.8 +5.0

WMQ Urumqi 23.52 348 eP P 16 10 47.8 0.0

WUS Wushi 23.93 331 P Iamb P 16 10 51.1 -0.5

WUS Wushi 16 10 54.8

NJ2 Nanjing 24.61 58 eP P 16 10 59.5 +1.8

NJ2 Nanjing 16 10 59.5 +1.8

HHC Hu-ho-hao-te 24.75 33 eP P 16 10 59.5 +0.5

HHC Hu-ho-hao-te 16 10 59.5 +0.5

HHC Hu-ho-hao-te 16 10 59.5 +0.5

TARG Taragay, Kyrgyz 25.00 330 P P 16 11 00.6 -1.1

PDKG Podgomoye 25.56 334 P P 16 11 05.1 -1.3

MKAR Makanchi Array 27.62 342 P P 16 11 26.2 +1.4

MKAR Makanchi Array 16 14 40.9 +1.1

MKAR Makanchi Array 16 18 13.0 +1.5

MKAR Makanchi Array 16 11 25.1 +0.4

MAK Makanchi 27.73 342 P P 16 11 25.2 -0.5

SOMM Songino Array 28.62 17 P P 16 11 34.0 +0.3

KURBB Kurchatov Arra 32.16 341 P P 16 12 06.0 +1.2

KURBB Kurchatov Arra 16 14 52.8 +1.4

KURBB Kurchatov Arra 16 18 28.7 +2.7

KURK Kurchatov 32.22 342 P P 16 12 06.0 +0.7

ZAAO Zalesovo Array 33.78 350 P P 16 12 18.8 -0.1

ZALV Zalesovo Beam 33.78 350 P P 16 12 19.6 +0.7

ZALV Zalesovo Beam 16 12 18.3 -0.6

BVAV Borovoye Array 36.97 336 P P 16 12 45.8 -0.4

BVAV Borovoye Array 16 15 06.5 +1.2

AB31 Akbulak array 39.30 324 P P 16 13 05.9 +0.1

NRK Nori'sk 48.63 357 P P 16 14 20.8 +0.7

NRK Nori'sk 16 14 20.8 +0.7

NRK Nori'sk 16 14 20.8 +0.7

TIXI Warramunga Arr 54.55 13 P P 16 15 02.8 -1.3

WRA Warramunga Arr 54.43 133 P P 16 15 18.5 +0.2

WRA Warramunga Arr 16 15 18.5 +0.2

AKAS Malin Array Be 58.36 317 P P 16 15 32.0 +0.5

ASAR Alice Springs 58.76 137 P P 16 15 34.8 +0.2

ASAR Alice Springs 16 46 52.0

MNK Minsk 59.57 322 i P P 16 15 41.2 +1.5

MNK Minsk 16 15 41.2 +1.5

MNK Minsk 16 15 41.2 +1.5

MNK Minsk 16 16 03.7 -1.0

MNK Minsk 16 17 53.9 +1.8

MNK Minsk 16 19 14.9

MNK Minsk 16 23 45.3 +3.7

MNK Minsk 16 24 46.0 +1.1

MNK Minsk 16 27 43.9 +5.4

MNK Minsk 16 43 05.5

MNK Minsk 16 45 33.6

FINES FINESSE Array B 61.46 329 P P 16 15 52.6 +0.2

ARCES ARCESS Array B 63.19 338 P P 16 16 05.0 +1.0

HFS Hagfors 67.44 328 P P 16 16 32.3 +0.8

GERES GERES Array B 68.44 316 P P 16 16 39.3 +1.2

NB2 NORARS Subarra 68.61 329 P P 16 16 39.2 +0.4

NOA NORARS Array B 68.61 329 P P 16 16 39.3 +0.4

GAMB Gambell 73.25 28 P P 16 17 07.7 +1.0

TNA Tin City 74.37 25 P P 16 17 14.4 +1.1

C16K Lisburne Hills 74.57 22 P P 16 17 15.2 +0.9

F14K Arctic Creek 75.04 25 P P 16 17 17.8 +0.7

D17K Noatak River 75.56 23 P P 16 17 21.3 +1.2

SPIA Saint Paul Isl 75.61 34 P P 16 17 20.7 +0.2

F18K North Star Dit 75.63 25 P P 16 17 20.6 +0.1

ANM Nome 75.70 26 P P 16 17 20.8 -0.1

C18K Utukok River 75.89 21 P P 16 17 22.8 +0.7

G15K Niukluk 76.10 25 P P 16 17 23.8 +0.6

C19K Lookout Ridge 76.26 21 P P 16 17 25.4 +1.2

E18K Tukpahlearik C 76.55 23 P P 16 17 26.3 +0.6

M11K Mekoryuk 76.67 30 P P 16 17 27.8 +1.3

K13K Kusilvak Mount 76.87 28 P P 16 17 28.4 +0.9

A22K Sincilar Lake 76.92 18 P P 16 17 29.3 +1.6

H16K Elim 76.95 25 P P 16 17 28.9 +0.9

D19K Kuna River 77.00 21 P P 16 17 29.0 +0.7

F18K Selawik 77.21 23 P P 16 17 30.9 +1.5

G17K Kwialik Mouna 77.25 24 P P 16 17 30.6 +0.9

D20K Etivluk River 77.41 21 P P 16 17 31.4 +0.9

B21K Ikpikpuq River 77.65 20 P P 16 17 33.1 +1.3

B22K Teshekpuk Lake 77.69 19 P P 16 17 33.2 +1.2

E19K Redstone River 77.73 22 P P 16 17 32.8 +0.4

H20K Nigutu River 77.74 21 P P 16 17 33.3 +0.8

E17K Granite Mouna 77.76 25 P P 16 17 33.3 +0.7

F19K Shalevack Mo 77.80 23 P P 16 17 33.3 +0.6

C21K Knifeblade Rid 77.81 20 P P 16 17 34.0 +1.2

H17K Unalakleet 77.86 26 P P 16 17 33.9 +0.9

G18K Tagagavik 77.86 24 P P 16 17 34.0 +0.9

L14K Kuka Creek 77.96 29 P P 16 17 34.3 +0.6

M13K Dall Lake 77.99 30 P P 16 17 34.7 +0.9

K15K Wolf Creek Moun 78.11 28 P P 16 17 35.2 +0.7

J16K	Anvik River	78.13	26	P	P	16 17 35.9 +1.3
H19K	Honhosa River	78.28	24	P	P	16 17 36.0 +0.6
G18K	Purcell Moun	78.34	23	P	P	16 17 37.1 +1.3
L15K	Ungalik Moun	78.36	28	P	P	16 17 36.9 +0.9
E21K	Kilik River	78.40	21	P	P	16 17 37.3 +1.2
F20K	Avaraart Lake	78.43	22	P	P	16 17 37.2 +1.0
M14K	Bethel	78.50	29	P	P	16 17 37.7 +1.1
UNV	Unalaska Valle	78.67	37	P	P	16 17 38.7 +1.0
J17K	VADM Dome	78.71	26	P	P	16 17 39.0 +1.2
C23K	Ikilik River	78.77	19	P	P	16 17 38.8 +0.8
C23K	Ikilik River	78.77	19	P	P	16 17 39.4 +1.4
H19K	Roundabout Mou	78.84	24	P	P	16 17 39.6 +1.1
N14K	Kuskokwak Cree	78.94	30	P	P	16 17 39.9 +0.8
GCSA	Galena City Sc	79.02	24	P	P	16 17 40.5 +1.1
M15K	Kasigluk River	79.10	29	P	P	16 17 40.9 +0.9
F21K	Alatina River	79.13	22	Iamb	Iamb	16 17 41.9
F21K	Alatina River	79.13	22	P	P	16 17 41.2 +1.1
D23K	Nanushuk River	79.19	19	P	P	16 17 41.4 +1.0
D23K	Nanushuk River	79.19	19	P	P	16 17 41.6 +1.0
L16K	Owhat River	79.23	28	P	P	16 17 41.7 +1.0
E22K	Anaktuvuk Pass	79.25	20	Iamb	Iamb	16 17 42.6
E22K	Anaktuvuk Pass	79.25	20	P	P	16 17 41.6 +0.9
K17K	Iditarod	79.27	23	P	P	16 17 42.1 +0.9
C24K	Franklin Bluff	79.40	18	P	P	16 17 42.2 +0.8
F22K	John River	79.44	21	P	P	16 17 42.4 +0.7
H20K	Anotilleneega Mo	79.44	23	P	P	16 17 43.2 +1.4
G21K	Allakaket	79.46	22	Iamb	Iamb	16 17 43.5
G21K	Allakaket	79.46	22	P	P	16 17 42.7 +0.8
L17K	Donlin	79.56	27	P	P	16 17 43.9 +1.4
N15K	Kwethluk River	79.58	29	P	P	16 17 43.7 +1.1
D24K	Happy Valley	79.67	19	Iamb	Iamb	16 17 45.1
D24K	Happy Valley	79.67	19	P	P	16 17 44.6 +1.7
TOLK	Toolik Lake Re	79.71	20	P	P	16 17 44.6 +1.4
M16K	Timber Creek	79.74	28	P	P	16 17 44.4 +0.9
J19K	Poomran	79.84	25	P	P	16 17 44.9 +0.9
I20K	Naaghdeneel	79.92	24	P	P	16 17 44.9 +0.6
G22K	Bettles	79.96	21	P	P	16 17 45.4 +0.9
E23K	Chandalar	80.00	20	Iamb	Iamb	16 17 47.0
E23K	Chandalar	80.00	20	P	P	16 17 46.3 +1.4
N16K	Nishlik Lake	80.06	29	P	P	16 17 46.4 +1.2
O15K	Ungalikthiuk R	80.11	30	P	P	16 17 46.6 +1.1
H21K	Melozitna Rive	80.13	23	Iamb	Iamb	16 17 47.7
H21K	Melozitna Rive	80.13	23	P	P	16 17 46.9 +1.4
L18K	Granite Moun	80.21	27	P	P	16 17 47.3 +1.4
COLD	Coldfoot	80.24	21	P	P	16 17 47.1 +1.0
M17K	Hollina River	80.25	28	P	P	16 17 47.1 +0.9
D25K	Kavik River	80.30	18	P	P	16 17 47.6 +1.2
D25K	Kavik River	80.30	18	P	P	16 17 47.5 +1.2
J20K	Novinta River	80.34	24	P	P	16 17 48.0 +1.4
E24K	Your Creek	80.35	20	P	P	16 17 48.2 +1.5
H22K	Ishlitalina Cre	80.52	22	Iamb	Iamb	16 17 50.0
H22K	Ishlitalina Cre	80.52	22	P	P	16 17 48.8 +1.2
G23K	Bananza Creek	80.57	21	P	P	16 17 48.7 +0.8
G23K	Bananza Creek	80.57	21	P	P	16 17 49.0 +1.1
I21K	Tanana	80.66	23	P	P	16 17 49.6 +1.3
N17K	Nushagak Hills	80.74	28	P	P	16 17 49.5 +0.6
K20K	Telida	80.75	25	P	P	16 17 49.3 +0.4
F24K	Squaw Lake	80.84	20	P	P	16 17 50.4 +1.1
C27K	Jago River	80.89	17	P	P	16 17 50.9 +1.4
M18K	Stony River	80.90	27	P	P	16 17 50.3 +0.6
L19K	White Mountain	80.99	26	P	P	16 17 51.3 +1.1
MLY	Manley	81.19	23	P	P	16 17 51.9 +0.6
MLY	Manley	81.19	23	Iamb	Iamb	16 17 53.3
MLY	Manley	81.19	23	P	P	16 17 52.7 +1.5
H23K	Yukon River	81.20	22	Iamb	Iamb	16 17 53.6
H23K	Yukon River	81.20	22	P	P	16 17 52.7 +1.4
E25K	Arctic Village	81.23	19	P	P	16 17 52.6 +1.2
SDPT	Sand Point	81.36	34	P	P	16 17 52.8 +0.6
G24K	Hadweenzic Riv	81.43	21	P	P	16 17 53.6 +1.2
CAST	Castle Rocks	81.50	25	Iamb	Iamb	16 17 54.8
CAST	Castle Rocks	81.50	25	P	P	16 17 54.0 +1.1
F25K	Christian River	81.52	20	Iamb	Iamb	16 17 55.8
F25K	Christian River	81.52	20	P	P	16 17 54.3 +1.4
I23K	Minto, Yukon-K	81.63	22	P	P	16 17 54.7 +1.2
PPLA	Purkeyville	81.73	25	P	P	16 17 55.2 +1.0
H24K	Noodor Dome	81.77	22	P	P	16 17 55.2 +0.9
N19K	Bonanza Creek	81.79	27	P	P	16 17 55.5 +0.9
G25K	Bearman Lake	81.84	20	P	P	16 17 56.0 +1.5
M20K	Styx River	81.85	26	P	P	16 17 55.9 +1.1
F26K	Sheenjek River	81.92	19	P	P	16 17 56.3 +1.3
F26K	Sheenjek River	81.92	19	Iamb	Iamb	16 17 57.6
F26K	Sheenjek River	81.92	19	P	P	16 17 56.5 +1.5
NEA2	Nenana	82.03	23	Iamb	Iamb	16 17 57.0
NEA2	Nenana	82.03	23	P	P	16 17 56.4 +0.8
CHNA	Chernabura Isl	82.04	34	P	P	16 17 56.5 +0.8
P18K	Big Mountain,	82.14	29	P	P	16 17 56.7 +0.4
POKR	Poker Plat Res	82.33	22	P	P	16 17 58.3 +1.2

E27K	Coleen River	82.38	18	P	P	16 17 58.5 +1.1
SKT	Skwentna	82.45	26	P	P	16 17 58.8 +0.9
G26K	Porcupine Rive	82.48	20	Iamb	Iamb	16 18 00.5
G26K	Porcupine Rive	82.48	20	P	P	16 17 59.6 +1.7
L22K	Petersville	82.48	25	P	P	16 17 58.6 +0.6
L22K	Petersville	82.48	25	Iamb	Iamb	16 17 59.7
L22K	Petersville	82.48	25	P	P	16 17 59.1 +1.1
MCK	McKinley	82.55	24	P	P	16 17 59.4 +1.0
Q18K	Katmai Hardscr	82.59	30	P	P	16 17 59.3 +0.5
E28M	Babbage River	82.70	17	P	P	16 18 00.1 +1.1
ILAR	Eielson Array	82.72	22	P	P	16 17 59.0 -0.1
ILAR	Eielson Array	82.72	22	P	P	16 17 58.8 -0.4
PRP	Porcupine Dome	82.76	21	P	P	16 18 00.4 +0.9
HDA	Harding Lake	82.90	23	P	P	16 18 01.2 +1.1
P19K	Oil Pt	82.90	28	P	P	16 18 01.2 +1.0
O20K	Slope Mountain	82.96	28	P	P	16 18 01.5 +0.9
Q19K	Cape Douglas,	83.08	29	P	P	16 18 01.9 +0.7
G27K	Doyon Strip	83.23	19	P	P	16 18 03.3 +1.5
E29M	Blow River	83.30	17	P	P	16 18 03.3 +1.2
J25K	Salcha River,	83.34	22	Iamb	Iamb	16 18 03.0
J25K	Salcha River,	83.34	22	P	P	16 18 02.8 +0.3
A36M	Sachs Harbour	83.55	11	P	P	16 18 04.3 +1.1
WAT6	Susitna Watana	83.63	24	P	P	16 18 05.3 +1.2
H27K	Steamboat Moun	83.64	20	P	P	16 18 04.9 +0.9
H27K	Steamboat Moun	83.64	20	Iamb	Iamb	16 18 06.1
H27K	Steamboat Moun	83.64	20	P	P	16 18 05.5 +1.6
K24K	Donnelly Dome	83.67	23	P	P	16 18 04.9 +0.8
SML	Sawmill	83.83	25	P	P	16 18 05.7 +0.7
BRSE	Bradley Lake S	83.95	27	P	P	16 18 07.0 +1.4
KNK	Knik Glacier	84.00	25	P	P	16 18 06.7 +0.9
I27K	Kandik River	84.00	20	Iamb	Iamb	16 18 08.3
I27K	Kandik River	84.00	20	P	P	16 18 07.0 +1.2
RIDG	Steamboat Moun	84.04	23	Iamb	Iamb	16 18 07.6
RIDG	Independent Ri	84.04	23	P	P	16 18 07.1 +1.0
M23K	Glacier View	84.08	25	P	P	16 18 07.0 +0.8
SCRK	Sand Creek	84.20	22	Iamb	Iamb	16 18 08.5
SCRK	Sand Creek	84.20	22	P	P	16 18 07.7 +0.8
G29M	Pine Creek	84.26	18	P	P	16 18 08.1 +1.0
PAX	Paxson	84.27	23	P	P	16 18 07.8 +0.6
F30M	Barrier River	84.42	17	P	P	16 18 09.2 +1.4
M24K	Tolsona, Glenn	84.50	24	P	P	16 18 10.0 +1.6
INK	Inuvik	84.53	16	P	P	16 18 09.5 +1.2
H29M	Whitestone	84.62	19	Iamb	Iamb	16 18 10.2
H29M	Whitestone	84.62	19	P	P	16 18 09.5 +0.7
I28M	Miner Creek	84.64	20	Iamb	Iamb	16 18 10.7
I28M	Miner Creek	84.64	20	P	P	16 18 09.8 +0.7
HARP	HAARP	84.72	24	P	P	16 18 10.4 +1.0
G30M	Atoh Zraii Nji	84.73	18	Iamb	Iamb	16 18 11.0
G30M	Atoh Zraii Nji	84.73	18	P	P	16 18 10.3 +0.9
GLI	Glacier Island	84.85	26	P	P	16 18 11.1 +1.0
KLU	Klutina	84.96	25	P	P	16 18 11.6 +0.9
EPYK	Eagle Plains	85.01	18	P	P	16 18 11.1 +0.3
I29M	Oglike Camp,	85.21	20	P	P	16 18 11.9 +0.1
G31M	Satah River	85.32	17	P	P	16 18 13.1 +0.8
N25K	Chitina, Valde	85.40	24	P	P	16 18 14.6 +1.7
M26K	Nabesna, AK	85.52	23	P	P	16 18 15.2 +1.9
EYAK	Cordova Ski Ar	85.58	25	P	P	16 18 14.6 +0.9
BMRM	Bremner River	85.78	25	P	P	16 18 15.7 +0.8
BMRM	Bremner River	85.78	25	P	P	16 18 16.1 +1.2
I30M	Mount Dempster	85.90	19	P	P	16 18 16.2 +0.8
C36M	Pauluk	85.92	13	P	P	16 18 15.7 +0.5
M27K	Edge Creek, AK	85.96	23	P	P	16 18 17.0 +1.3
Q23K	Middleton Isla	85.98	27	P	P	16 18 16.6 +0.9
H31M	Peel River	86.10	18	P	P	16 18 17.3 +1.0
MCARA	McCarthy VSAT	86.14	24	P	P	16 18 18.4 +1.9
BVCY	Beaver Creek	86.29	22	P	P	16 18 19.1 +1.8
J30M	Hart River	86.36	20	P	P	16 18 19.0 +1.3
BERG	Berg Lake	86.49	25	P	P	16 18 17.9 -0.3
K29M	Barlow Dome	86.49	20	P	P	16 18 19.6 +1.3
CRQE	Cirque	86.50	24	P	P	16 18 20.0 +1.5
L29M	L29M	86.78	21	P	P	16 18 21.0 +1.4
YUK3	Moose Creek	86.84	23	P	P	16 18 21.7 +1.5
M29M	Somme Creek	87.11	22	P	P	16 18 22.9 +1.5
YUK8	Steele Glacier	87.42	23	P	P	16 18 23.6 +0.6
TORD	Torodi Ar. Bea	87.74	283	P	P	16 18 26.3 +1.2
YUK6	Outpost Mountain	88.16	23	P	P	16 18 27.8 +1.3
N30M	Aishik Lake	88.26	22	P	P	16 18 28.1 +1.3
N31M	Braeburn, Yuko	88.70	22	P	P	16 18 29.9 +1.1
O30N	Mendenhall	89.09	22	P	P	16 18 32.2 +1.5
P29M	Windy Craggy	89.27	24	P	P	16 18 32.8 +1.3
MMPY	Sheldon Lake,	89.35	19	P	P	16 18 33.4 +1.5
WHY	Whitehorse	89.59	22	P	P	16 18 34.4 +1.3
R33M	Jenness River	91.86	21	P	P	16 18 45.1 +1.4
YKA	Yellowknife Ar	93.80	13	P	P	16 18 52.7 +0.3
TXAR	Lajitas Array	127.17	20	PKP	PKIP	16 24 42.3 +1.7

comp=Z,0.3nm,0.6s,baz=22,slow=1.3,SNR=4.4

DC 26 16:09:46.4±16.0,1.03S×16.23W,h0km,mb3.5/1, mbtm3.6/1,MS3.4/6,Error ellipse: s-maj=1337.0km s-min=62.1km az=132.0,North of Ascension Island

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
H10N2	ASCENSION HYDR	6.97	166	T	16 19 15.6	
H10N3	ASCENSION HYDR	6.98	166	T	16 19 08.8	
H10N1	ASCENSION HYDR	6.99	166	T	16 19 16.9	
DBIC	Dimbokro	13.69	56	LR	16 17 28.7	
TORD	Torodi Ar. Bea	22.66	51	P	16 14 49.8	0.0
MDP	Montagnes des	36.88	280	LR	16 28 49.2	
LSZ	Lusaka	46.06	110	LR	16 35 05.8	
LPAZ	La Paz	53.31	250	LR	16 41 10.1	

ZALV Zalesovo Beam 144.50 25 PKP PKPab 17 08 30.9 +0.8
MKAR Makanchi Array 148.15 37 PKPbc PKPdf 17 08 39.1 +1.0

UCR 26 16:51:10.1,0.9,10.74N:84.95W,h192km,20km,MW3.8,
Presumed earthquake
CATAC 26 16:51:12.3,0.3,1.1 N:83.5 W:81.5, h179km,2km,M3.6/2.4,
ML3.6/2.4, Error ellipse: s-maj=8.4km s-min=2.5km
az=48.8, confirmed

ISC 26 16:51:12.5,1.5,10.71N:0.05:84.89W:0.06,h181km,gkm,
n73,c057/94, Costa Rica

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

IDC 26 16:53:26.7,1.0,33.36S:178.56W,h0km,mB4.3/4,
mbmp4.3/7,ML4.3/3,M3.5/7, Error ellipse: s-maj=36.7km
s-min=21.6km az=117.0

WEL 26 16:53:27.9,1.1,33.58 S:187.9W,4.3,h12km,M4.4/11,
mB4.9/7,ML4.5/12,MLV4.6/11,Mw(MB)4.2/7, Error ellipse:
s-maj=60.3km s-min=6.6km az=112.4, confirmed

NEIC 26 16:53:28.4,1.1,33.30S:0.09:178.57W:0.2,h10km,2km,
mB4.4/13, Error ellipse: s-maj=28.0km s-min=12.0km
az=111.0

ISC 26 16:53:27.4,0.7,33.21S:0.07:178.5W:0.1,h10km,n62,
c1950/72,mB4.4/10,M3.5/5,5D,South of Kermadec
Islands

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

Table with columns: RAGZ, Rawiri, 6.24 211, P, Pn, 16 54 58.8 -0.8, comp=N,611nm,0.5s, IAML, 16 57 03.0. Lists seismic stations in the Rawiri region.

PRU 26 16:56:11.9,45:28N:18:26E,h10km
PDG 26 16:56:12.7,0.4,45:58N:18:05E,h4km,1km,ML3.4/12,
Error ellipse: s-maj=0.4km s-min=0.6km az=0

BGR 26 16:56:12.4,0.8,45:52N:18:23E,h10km,ML3.3/14, Error
ellipse: s-maj=16.7km s-min=7.8km az=144.0

KRSZO 26 16:56:12.7,1.1,45:54N:18:21E,h6km,10km,ML3.7/84,
Error ellipse: s-maj=4.9km s-min=3.9km az=15.0

MCSM 26 16:56:12.6,1.0,45:51N:18:13E,h13km,6km,mB4.5,
MLV3.7

NEIC 26 16:56:13.3,1.0,45:57N:0.04:18:00E:0.04,h10km,1km,
ML3.2/30, Error ellipse: s-maj=6.9km s-min=5.6km
az=23.0

BE0 26 16:56:13.8,0.3,45:60N:18:13E,h20km,2km,ML3.3/16
ISC 26 16:56:12.5,1.1,45:57N:0.01:18:13E:0.01,h9km,9gkm,
n304,c192/225,27C-23D,Northwestern Balkan
Peninsula

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations in the Northwestern Balkan Peninsula.

Table with columns: BEHE, Bescshey, 1.31 314, Pn, Pn, 16 56 36.5 -0.4, comp=E,592nm,0.5s, IAML, 16 57 03.0. Lists seismic stations in the Bescshey region.

CONA	Conrad Observa	2.83 327	Lg	Lg	16 57 46.6
CONA	comp=E,18nm,0.2s,SNR=25	ePn	Pn	Pn	16 56 57.8 -0.2
TREB	Trebjane	2.85 177	ePn	Pn	16 56 59.7 +1.5
NKME	Niksic	2.86 168	ePn	Pn	16 56 59.3 +1.0
NKME			Pn	Pn	16 57 01.9 -0.9
MODS	Modra-Piesok	2.87 349	Pn	Pn	16 56 58.3 -0.1
MODS			Pn	Pn	16 57 31.9 -1.1
MODS	Modra-Piesok	2.87 349	ePn	Pn	16 56 58.4 -0.3
A335A	Lovce	2.88 34	Pn	Pn	16 56 59.2 +0.6
A335A			Pn	Pn	16 57 32.6 -0.8
SKDS	Skadanscina	2.89 271	ePn	Pn	16 56 58.4 -0.3
KOME	Kolasin	2.89 159	ePn	Pn	16 56 59.8 +1.0
KOME			Pn	Pn	16 57 35.7 +1.9
DBRK	Dubrovnik	2.90 180	ePn	Pn	16 57 01.0 +2.2
DBRK			Pn	Pn	16 57 36.8 -3.0
WINA	Alland / Wiene	2.91 332	ePn	Pn	16 56 59.1 +0.2
WINA	comp=E,5.3nm,0.1s,SNR=27				
SESA	Seetaler Alpe	2.91 303	ePn	Pn	16 56 58.7 -0.5
SESA	comp=E,5.3nm,0.1s,SNR=11				
LSTV	Lastovo	2.94 198	ePn	Pn	16 57 00.7 +1.4
LSTV			Pn	Pn	16 57 37.5 -3.4
VYHS	Vyhne	2.97 9	Pn	Pn	16 57 00.0 +0.3
VYHS			Pn	Pn	16 57 00.7 +0.9
VYHS			Pg	Pg	16 57 13.6 +4.3
VYHS			Pg	Pg	16 57 12.1 +2.2
IVA	Berane	2.98 154	ePn	Pn	16 57 08.0 +2.2
IVA			Pn	Pn	16 56 59.6 -0.8
VOJS	Vojsko	3.00 280	ePn	Pn	16 57 01.1 +0.1
VOJS			Pn	Pn	16 57 02.2 +1.0
A334A	Sterusy	3.05 354	Pn	Pn	16 57 39.8 +1.7
CEME	Cevo	3.07 169	ePn	Pn	16 57 03.9 +2.1
CEME			Pn	Pn	16 57 03.8 +2.1
HERR	Herculane	3.11 101	Pn	Pn	16 57 03.8 +2.1
HERR			Pn	Pn	16 57 02.9 +0.9
HCY	Hercegl Novi	3.13 175	ePn	Pn	16 57 41.2 +1.7
HCY			Pn	Pn	16 57 00.8 -1.3
BORS2	Bor- Borsko je	3.14 117	ePn	Pn	16 57 03.7 +1.1
LTWH	Ljavrtice, Hu	3.18 54	Pg	Pg	16 57 02.1 -0.8
LTWH	Ljavrtice, Hu	3.18 54	Pg	Pg	16 58 02.9
SABO	M.te Sabotino	3.20 279	Pn	Pn	16 57 02.1 -0.8
SABO	comp=E,94nm,0.5s				
SABO	M.te Sabotino	3.20 279	Pn	Pn	16 57 05.0 +2.1
BOVS	Bovan	3.20 126	Pn	Pn	16 57 05.0 +2.1
BOVS			Pn	Pn	16 57 04.9 +1.4
PDG	Podgorica	3.24 165	Pn	Pn	16 57 44.5 +2.4
PDG			Pn	Pn	16 57 49.1
PDG			Pn	Pn	16 57 04.9 +1.4
PDG			Pn	Pn	16 57 06.8 -3.3
PDG			Pn	Pn	16 57 04.6 +1.1
PDG			Pn	Pn	16 57 44.9 +1.9
A332A	Rudnianska	3.25 4	Pn	Pn	16 57 04.0 +0.4
A332A			Pn	Pn	16 57 40.5 -1.9
PVY	Plav	3.25 155	Pn	Pn	16 57 04.9 +1.1
PVY			Pn	Pn	16 57 44.5 +1.9
GZR	Gura Zlata	3.27 91	Pn	Pn	16 57 05.1 +1.1
GZR			Pg	Pg	16 57 07.6 -3.2
GZR			Pg	Pg	16 57 07.6 -3.2
GZR			Pn	Pn	16 57 03.4 -0.6
GZR			Pn	Pn	16 57 04.3 +0.3
A008A	Tiefenfucha	3.27 330	Pn	Pn	16 57 03.4 -0.6
ROBS	Robic	3.29 284	Pn	Pn	16 57 04.9 +1.9
ROBS			Pn	Pn	16 57 04.2 -0.2
MYKA	Terra Mystica	3.30 290	Pn	Pn	16 57 04.2 -0.2
MYKA	comp=N,1.6nm,0.1s				
MYKA	Terra Mystica	3.30 290	Pn	Pn	16 57 03.6 -0.7
PRED	Cave del Predi	3.30 287	Pn	Pn	16 57 03.6 -0.7
PRED			Pn	Pn	16 57 05.0 +0.5
JAVC	Velka Javorina	3.31 355	ePn	Pn	16 57 04.9 +0.5
JAVC			Pn	Pn	16 57 04.8 +0.3
BUM	Brajci-Budva	3.31 170	Pn	Pn	16 57 05.1 +1.7
BUM			Pn	Pn	16 57 45.7 +1.7
A001A	Falkenstein	3.33 342	Pn	Pn	16 57 05.1 +0.4
KECS	Keocvo	3.33 28	Pg	Pg	16 57 18.6 +2.3
ACOM	Acomizna, Ital	3.36 289	Pn	Pn	16 57 05.4 +0.1
DRGR	Dravograd	3.41 67	Pn	Pn	16 57 07.6 +1.7
DRGR			Pn	Pn	16 57 06.0 +0.2
ZAGS	Zajecar	3.41 119	ePn	Pn	16 57 46.3 -0.1
ZAGS			Pn	Pn	16 57 07.2 +0.6
ABAH	Abaujker	3.46 37	Pn	Pn	16 57 46.7 -1.0
ABAH			Pg	Pg	16 57 07.8 +1.2
DRME	Dracevica, Mon	3.46 167	Pn	Pn	16 57 49.5 +1.8
DRME			Pn	Pn	16 57 07.6 +0.5
MOA	Molin	3.50 312	ePn	Pn	16 57 49.2 +0.5
MOA			Pn	Pn	16 57 07.7 +0.5
MOA	comp=N,10nm,0.2s				
MOA			Pn	Pn	16 57 49.3 +0.5
MOA	comp=N,33nm,0.3s				
MOA	Molin	3.50 312	ePn	Pn	16 57 07.4 +0.3
MOA	Molin	3.50 312	Pn	Pn	16 57 07.7 +0.5
MOA	comp=N,10nm,0.2s,SNR=23				
MOA			Pn	Pn	16 57 49.3 +0.5
A331A	Zubak	3.58 1	Pn	Pn	16 57 09.3 +1.1
A331A			Pn	Pn	16 57 48.9 -0.9
KBA	Koelnbreinsper	3.64 296	ePn	Pn	16 57 08.7 -0.5
KBA			Pg	Pg	16 57 21.6 -0.7
KBA	Koelnbreinsper	3.64 296	Pn	Pn	16 57 08.5 -0.7
KBA	Koelnbreinsper	3.64 296	Pn	Pn	16 57 08.5 -0.7
MARR	Marisel-Cluj	3.64 70	Pn	Pn	16 57 08.5 -0.7
MARR			Pn	Pn	16 57 10.6 +1.5
MARR			Pn	Pn	16 57 10.6 +1.5
KRUC	Moravsky	3.69 342	Pn	Pn	16 57 09.4 -0.3
KRUC			Pn	Pn	16 57 09.1 -0.5
KRUC			Pg	Pg	16 57 12.5 -5.3
KRUC			Pn	Pn	16 57 09.0 -0.7
KRUC			Pn	Pn	16 57 51.3 -2.0
ULC	Ulcinj	3.69 167	ePn	Pn	16 57 10.8 +1.1
ULC			Pn	Pn	16 57 54.9 +1.5
LANS	Liptovska Anna	3.70 14	Pn	Pn	16 57 08.0 +0.0
LANS			Pn	Pn	16 57 11.1 +1.3
BIOA	Bad Ischl, Aus	3.75 306	Pn	Pn	16 57 11.0 +0.5
BIOA	comp=N,5.2nm,0.2s,SNR=8				
BIOA			Pn	Pn	16 57 55.1 +0.2
BIOA			Pn	Pn	16 57 11.0 +0.5
BIOA			Pn	Pn	16 57 55.1 +0.2
MAUC	Maruska	3.81 357	ePn	Pn	16 57 11.9 +0.6
MAUC			ePn	Pn	16 57 54.5 -1.7
MAUC			ePn	Pn	16 57 11.9 +0.6
MAUC			ePn	Pn	16 57 54.5 -1.7
BARS	Barje	3.82 135	ePn	Pn	16 57 11.8 +0.3
STAL	STALIGIAL	3.84 282	Pn	Pn	16 57 11.1 +0.5
STAL			Pn	Pn	16 58 18.8
VRAC	Vranov	3.88 345	Pn	Pn	16 57 11.1 -1.3
VRAC			Pn	Pn	16 57 12.1 -0.3
VRAC			Pn	Pn	16 57 12.1 -0.3
VRAC			Pn	Pn	16 57 11.9 -0.5
VRAC			Pn	Pn	16 57 57.2 -0.9
TRPA	Tarpa	3.97 48	Pn	Pn	16 57 28.5 +0.1
LOT	Lotru	3.97 90	Pn	Pn	16 57 16.1 +2.5
LOT			Pn	Pn	16 57 16.1 +2.5
CJR	Cluj-Napoca	3.97 17	Pn	Pn	16 57 15.2 +0.3
CJR			Pn	Pn	16 57 15.8 +2.3
ABTA	Abfaltersbach	4.08 289	Pn	Pn	16 57 15.2 +0.2
ABTA	comp=N,1.0nm,0.1s				
ABTA	Abfaltersbach	4.08 289	Pn	Pn	16 57 15.2 +0.2
NIE	Niedzica	4.12 20	Pn	Pn	16 57 17.0 +1.3
NIE			Pg	Pg	16 57 31.0 -0.4
TREC	Trest	4.14 335	ePn	Pn	16 57 15.4 -0.4
TREC			ePn	Pn	16 58 03.6 -0.7
TREC			ePn	Pn	16 57 15.7 -0.1
TREC			Pn	Pn	16 57 15.4 -0.4
TREC			Pg	Pg	16 57 23.3 -2.1
TREC			ePn	Pn	16 58 03.6 -0.7
CKRC	Cesky Krumlov	4.17 323	ePn	Pn	16 57 16.0 -0.2
CKRC			ePn	Pn	16 57 16.8 +0.5
CKRC			ePn	Pn	16 57 16.0 -0.4
SGRT	San Giovanni R	4.18 205	Pn	Pn	16 58 37.9

SGRT	comp=N,25nm,1.0s		IAML		16 58 51.2
SGRT	San Giovanni R	4.18 205	Pn	Pn	16 57 16.9 +0.4
LESA	Schwarzleota	4.20 298	Pn	Pn	16 57 16.9 +0.2
LESA	comp=E,1.9nm,0.3s		Pn	Pn	16 58 08.0 +2.1
LESA	comp=E,13nm,0.3s		Pn	Pn	16 57 16.9 +0.2
LESA	Schwarzleota	4.20 298	Pn	Pn	16 58 08.0 +2.1
LESA	comp=E,1.9nm,0.3s		Pn	Pn	16 58 08.0 +2.1
PHP	Peshkopia	4.23 156	Pn	Pn	16 57 20.8 +3.7
MORC	Moravsky Berou	4.23 355	Pn	Pn	16 57 17.4 +0.2
MORC	Moravsky Berou	4.23 355	Pn	Pn	16 57 16.6 -0.5
MORC	comp=E,27nm,0.8s		IAML		16 58 11.2
MORC	comp=N,24nm,0.7s		IAML		16 58 13.6
MORC	Moravsky Berou	4.23 355	ePn	Pn	16 57 17.7 +0.5
MORC			Pn	Pn	16 58 04.6 -2.0
MORC	Moravsky Berou	4.23 355	ePn	Pn	16 57 17.7 +0.5
MORC			Pn	Pn	16 57 17.5 +0.4
MORC			Pn	Pn	16 58 04.8 -1.9
MORC			Pn	Pn	16 57 18.9 +1.4
BMIR	Baia Mare	4.26 58	Pn	Pn	16 57 18.9 +1.4
BMIR	Baia Mare	4.26 58	Pn	Pn	16 57 18.4 +0.7
RJOB	Jochberg	4.27 302	ePn	Pn	16 58 10.1 +2.6
RJOB			ePn	Pn	16 57 18.1 +0.4
OKC	Ostrava-Krasne	4.27 0	ePn	Pn	16 57 18.5 +0.8
OKC			ePn	Pn	16 58 05.7 -2.0
OKC	Ostrava-Krasne	4.27 0	ePn	Pn	16 57 18.1 +0.4
OKC			ePn	Pn	16 58 05.6 -2.0
STEB	Steborice	4.38 357	ePn	Pn	16 57 19.7 +0.6
STEB			ePn	Pn	16 57 18.9 +1.4
BOSS	Bosilegrad	4.39 133	ePn	Pn	16 57 19.4 +0.1
STHS	Stebnicka Huta	4.39 28	ePn	Pg	16 57 39.0 +2.5
KOLS	Kolonickie sedl	4.39 38	ePn	Pg	16 57 40.2 +3.6
FDMO	Fjordimonte	4.42 237	Pn	Pn	16 57 17.8 -1.9
FDMO			IAML		16 58 56.9
FDMO	comp=E,17nm,0.8s		IAML		16 57 17.8 -1.9
FDMO			Pn	Pn	16 58 56.9
GECC	GERESS Array S	4.46 319	Pn	Pn	16 57 20.0 -0.3
GECC			ePn	Pn	16 57 20.0 -0.3
GECC	GERESS Array S	4.46 319	ePn	Pn	16 57 20.5 +0.3
GERES	GERESS Array B	4.46 319	Pn	Pn	16 57 20.5 +0.3
GERES	GERESS Array B	4.46 319	Pn	Pn	16 57 20.5 +0.3
NRCA	Norcia	4.52 235	Pn	Pn	16 58 56.9
NRCA	comp=E,16nm,0.8s		IAML		16 59 01.4
NRCA			Pn	Pn	16 57 20.9 -0.3
NRCA	comp=N,15nm,1.2s		IAML		16 58 56.9
NRCA			Pn	Pn	16 57 20.9 -0.3
TEOL	Teolo	4.55 270	Pn	Pn	16 57 22.6 +1.1
TEOL			Pn	Pn	16 57 22.6 +1.1
CTI	Castel Tesino	4.56 278	Pn	Pn	16 57 21.2 -0.5
CTI			IAML		16 58 54.2
CTI	comp=E,31nm,0.6s		IAML		16 58 56.9
ARR	Arges	4.58 90	Pn	Pn	16 57 23.0 +1.1
ARR			ePn	Pn	16 57 23.0 +1.1
KRLC	Kraljiky	4.60 349	ePn	Pn	16 57 22.6 +0.4
KRLC			ePn	Pn	16 58 14.3 -1.5
KRLC	Kraljiky	4.60 349	ePn	Pn	16 57 22.6 +0.4
MURB	Monte Urbino	4.63 242	Pn	Pn	16 58 14.3 -1.5
ROU	Roana	4.69 228	Pn	Pn	16 57 20.5 -2.0
INTR	Introdacqua	4.69 222	Pn	Pn	16 57 22.8 -0.7
INTR			IAML		16 58 55.4
INTR	comp=E,21nm,1.0s		IAML		16 59 19.5
INTR	comp=N,30nm,0.9s		IAML		16 57 22.8 -0.8
INTR	Introdacqua	4.69 222	Pn	Pn	16 57 22.8 -0.8
ZVC	Zvikov	4.70 327	ePn	Pn	16 57 23.9 +0.1
ZVC			ePn	Pn	16 57 23.9 +0.1
KHC	Kasperske Hory	4.72 321	Pn	Pn	16 57 23.1 -0.4
KHC			ePn	Pn	1

GCMT 26 19:36:37.6:0.3,35.28N,0.02:26.52E,0.02,h20km,1km, MW4.9/100, Moment Tensor Solution. s31, c32; s100, c145; Duration: 0 Moment Tensor. Scale 1016Nm; Mm-1.56; 1.4; Mm0-0.45; 1.0; Mm0.20; 1.0; Mm0.86; 2.2; Mm0.14; Mm0.35; 1.6; Best double couple: M2.48700x1016 N1P1.73.00000, 856.00000, lambda-139.00000. NP2.75.00000, 857.00000, lambda-42.00000. Principal axes: T 2.6810, P1.0000, Azm115.0000; N -0.3910, P1g38.0000, Azm205.0000; P -2.2920, P1g52.0000, Azm24.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-ratio function

MCSM 26 19:36:37.0:0.8,35.15N,2.7E, h15km,5km,mb4.6, mb4.8,MLV4.8,MW(mb)4.1

GFZ 26 19:36:38.2:35.45N,26.70E,h15km,MW4.8, Moment Tensor Solution. s81 Moment tensor: Mm-1.93; Mm0.47; Mm0.145; Mm0.27; Mm0-0.04; Mm0.60; Fault plane solution: NP1.185.00000, 855.00000, lambda-82.00000. NP2.75.00000, 835.00000, lambda-100.00000. Principal axes: T 1.5600, P1g9.0000, Azm270.0000; N 0.5000, P1g6.0000, Azm1.0000; P -2.0600, P1g78.0000, Azm122.0000.

AFAD 26 19:36:39.6:35.79N,26.66E,h20km,MW4.5 NAO 26 19:36:48.4:35.44N,26.1E,h20km,MB4.2, ISC 26 19:36:35.8:0.5,35.48N,0.02:26.68E,0.02,h16km,3km, h17km;pp-P,n748,e173782,mb4.6/103,MS4.0/54, 35C-56D, Crete

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

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

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

ONER	Baraj Valea Uz	10.84 359	↓P	Pn	19 39 14.1 +3.8
FRGS	Fruska Gora	10.99 334	ePn	Pn	19 39 16.2 +3.9
PAOL	Paolisi	11.01 304	↓P	Pn	19 39 11.2 -1.5
TESR	Tescani	11.02 360	↑P	Pn	19 39 15.4 +2.7
TESR	Tescani	11.02 360	↑P	Pn	19 39 15.2 +2.5
comp-Z,416nm,comp-Z,17.0m,0.8s					
SIM	Simferopol	11.03 29	eP	Pn	19 39 15.4 +2.6
comp-Z,28nm,0.9s					
SIRR	Siria	11.42 342	↓P	Pn	19 39 19.7 +1.5
CJR	Cluj-Napoca	11.46 349	↑P	Pn	19 39 23.9 +5.2
CJR	Cluj-Napoca	11.46 349	↑P	Pn	19 39 23.9 +5.2
MARR	Marisel-Cluj	11.50 348	↑P	Pn	19 39 22.3 +2.9
ARCR	ARCALIA	11.72 352	↑P	Pn	19 39 25.1 +2.7
BLV	Banja Luka	11.76 325	↑P	Pn	19 39 21.1 -1.7
ELY	Banja Luka	11.76 325	ePn	Pn	19 39 23.5 +2.5
KOPT	Kop Dagli	11.84 63	↓P	Pn	19 39 22.5 +2.7
INTR	Introdacqua	11.91 307	↓P	Pn	19 39 23.9 -1.1
BURAR	Bucovina Array	12.17 355	↑P	Pn	19 39 31.8 +3.2
BURAR	Bucovina Array	12.17 355	↑P	Pn	19 39 27.0 -1.5
BURAR	Bucovina Array	12.17 355	↑P	Pn	19 39 31.8 +3.2
BURAR	Bucovina Ar. S	12.20 355	↑P	Pn	19 39 28.1 -0.9
MORH	Mrgy, Hungar	12.32 333	↑P	Pn	19 39 34.0 +3.5
MORH	Mrgy, Hungar	12.32 333	ePn	Pn	19 39 32.1 +1.7
MORH	Mrgy, Hungar	12.32 333	ePn	Pn	19 39 32.9 +2.5
comp-Z,274nm,comp-Z,14nm,1.7s					
AQU	L'Aquila	12.40 308	↑P	Pn	19 39 30.3 -1.4
AQU	L'Aquila	12.40 308	↑P	Pn	19 39 30.3 -1.4
AQU	L'Aquila	12.40 308	ePn	Pn	19 39 36.1 +4.4
SORM	Soroca	12.70 5	↓P	Pn	19 39 35.5 -0.2
SORM	Soroca	12.70 5	↓P	Pn	19 39 35.5 -0.2
NRCA	Norcia	12.82 309	↓P	Pn	19 39 37.0 -0.5
SOC	Sochi	12.90 47	eS	Sn	19 42 07.4 +5.8
comp-Z,5.0nm,0.7s					
SOC				MLR	
comp-Z,332nm,14.0s					
FDMO	Fiordimonte	12.95 310	↓P	Pn	19 39 38.3 -0.7
CEX	Cesi	13.06 307	↓P	Pn	19 39 39.6 -1.0
BEHE	Becsehely	13.27 329	↓P	Pn	19 39 42.4 -1.1
GEVA	Gevass	13.41 73	↓P	Pn	19 39 44.1 -1.5
PSZ	Piszkesteto	13.41 340	↑P	Pn	19 39 43.9 +3.8
PSZ	Piszkesteto	13.41 340	↑P	Pn	19 39 43.7 -1.8
PSZ	Piszkesteto	13.41 340	↑P	Pn	19 39 45.0 +4.0
MURB	Monte Urbino	13.41 310	ePn	Pn	19 39 44.1 -1.5
MPLR	Magyarpolny	13.53 332	↓P	Pn	19 39 49.9 +2.9
KOLS	Kolonické sedl	13.83 348	eP	P	19 40 01.5 +2.1
KOLS	Kolonické sedl	13.83 348	ePn	Pn	19 40 01.5 +2.1
LABN	Labinsk	14.10 45	eP	P	19 40 04.8 +2.3
comp-Z,43nm,0.7s					
LABN				MLR	
comp-Z,433nm,11.0s					
KEST	Keera	14.11 276	↓P	Pn	19 40 01.5 -1.2
comp-Z,0.5nm,0.3s,baz=83,slow=16,SNR=6.4					
KEST				LR	19 46 51.7
comp-Z,315nm,19.1s,baz=38,slow=44					
KEST	Keera	14.11 276	↓P	Pn	19 39 50.5 -4.5
SOKA	Soboth	14.20 325	↑Pn	Pn	19 39 59.3 +3.0
comp-Z,3.6nm,0.8s,SNR=14					
SOKA				eP	19 40 04.9 +1.3
comp-Z,13nm,0.6s					
VYHS	Vyhne	14.24 338	eP	Pn	19 40 05.5 +1.5
VYHS	Vyhne	14.24 338	ePn	Pn	19 40 05.5 +1.5
CASP	Castiglione de	14.27 306	↓P	Pn	19 39 52.7 -4.4
OBKA	Obir	14.31 324	ePn	Pn	19 39 59.2 +1.5
comp-Z,3.1nm,1.3s					
VSL	Villasalto	14.31 291	↓P	Pn	19 39 53.9 -3.8
SABO	M.te Sabotino	14.41 321	↓P	Pn	19 39 55.7 -3.5
ARSA	Arzberg	14.42 328	↑P	Pn	19 39 54.9 -4.2
ARSA	Arzberg	14.42 328	↑P	Pn	19 40 07.0 +1.0
comp-Z,2.2nm,0.6s,SNR=5.3					
RONA	Rosalia, Austr	14.45 331	↑P	P	19 40 07.0 +0.6
comp-Z,4.6nm,0.7s,SNR=6.4					
STHS	Stebnicka Huta	14.48 346	eP	P	19 40 08.2 +1.5
STHS	Stebnicka Huta	14.48 346	ePn	Pn	19 40 08.2 +1.5
ERBR	Yeremizino-Bor	14.62 41	eP	P	19 40 06.7 -1.5
ERBR				pmax	
comp-Z,48nm,0.9s					
MODS	Modra-Piesok	14.64 334	eP	P	19 40 07.5 -1.0
SESA	Seetaler Aipe	14.74 326	↑P	P	19 40 10.2 +0.4
comp-Z,26nm,0.8s,SNR=6.0					
SHA1	Shidzhatmat	14.80 51	↑P	Pn	19 40 05.8 +1.2
CONA	Conrad Observa	14.81 330	eP	P	19 40 12.0 +1.6
comp-Z,4.8nm,0.9s					
WINA	Alland / Wiene	14.87 331	↑P	P	19 40 11.6 +0.7
JAVC	Velka Javorina	14.93 336	ePn	Pn	19 40 07.9 +1.8
KIV	Kislodovsk	14.93 51	↓P	Pn	19 40 13.6 +1.8
KIV	Kislodovsk	14.93 51	↓P	Pn	19 40 03.4 -2.7
KIV	Kislodovsk	14.93 51	↓P	pmax	19 40 05.7 -0.5
comp-Z,11nm,1.0s					
KIV				MLR	
comp-Z,193nm,14.0s					
KVAR	Kislodovsk Arr	14.93 51	Pn	P	19 40 10.9 -0.9
baz=260,slow=21					
comp-Z,1.6nm,0.4s					
KBZ	Khabaz	14.95 52	Pn	P	19 40 11.5 -0.4
comp-Z,0.2nm,0.3s,baz=219,slow=9.7,SNR=15					
KBZ				LR	19 47 43.5
comp-Z,270nm,19.9s,baz=242,slow=45					
KBZ	Khabaz	14.95 52	↑P	Pn	19 40 07.6 +1.2
GNI	Garni	15.01 67	↓P	Pn	19 40 11.2 -1.6
comp-Z,0.7nm,0.3s,baz=30,slow=16,SNR=4.1					
GNI				LR	19 47 11.3
comp-Z,1µm,19.1s,baz=274,slow=42					
GNI	Garni	15.01 67	↓P	Pn	19 40 15.7 +2.9
GNI	Garni	15.01 67	↓P	Pn	19 40 04.9 -2.5
GNI	Garni	15.01 67	↓P	pmax	19 40 04.9 -2.5
comp-Z,11nm,1.1s					
STAL	STALGIAL	15.06 320	↓P	Pn	19 40 09.1 +1.2
TEOL	Teolo	15.08 315	↓P	Pn	19 40 07.9 -0.2
KBA	Koelnbreinsres	15.29 323	↑P	Pn	19 40 17.2 +1.3
comp-Z,12nm,0.7s,SNR=8.6					
KIEV	Kiev	15.31 6	↓P	Pn	19 40 16.2 +0.3
KIEV	Kiev	15.31 6	↓P	Pn	19 40 16.2 +0.3
KIEV	Kiev	15.31 6	↓P	IAMB	19 40 17.1
comp-Z,23nm,0.8s					
KIEV	Kiev	15.31 6	↓P	pmax	19 40 11.3 +0.1
comp-Z,23nm,0.8s					
MAUC	Maruska	15.32 338	eP	AMS	19 40 15.2 -0.8
MAUC				AMS	19 48 00.0
comp-Z,2µm,11.3s					
AKASG	Malin Array Be	15.32 6	↓P	Pn	19 40 10.1 -1.2
comp-Z,3.5nm,0.3s,baz=190,slow=9.2,SNR=22					
AKASG				LR	19 46 04.8
AKASG	Malin Array Be	15.32 6	↓P	IAMB	19 40 11.1 -0.2
AKASG				IAMB	19 40 17.1
comp-Z,39nm,0.8s					
AKASG	Malin Array Be	15.32 6	ceP	pmax	19 40 14.3 -1.7
comp-Z,26nm,0.7s					
AKBB	Malin Array Si	15.32 6	↓P	Pn	19 40 11.1 -0.2
AKBB				IAMB	19 40 17.1
comp-Z,29nm,0.9s					
AKBB	Malin Array Si	15.32 6	dIP	P	19 40 16.0 0.0
MOA	Molin	15.42 327	↑P	P	19 40 18.4 +1.2
comp-Z,14nm,0.8s,SNR=15					
ABTA	Abfaltersbach	15.48 321	ePn	Pn	19 40 14.9 +1.3
comp-Z,5.9nm,0.6s					
CTI	Castel Tesino	15.50 317	↓P	Pn	19 40 13.3 -0.5
CTI	Castel Tesino	15.50 317	↓P	Pn	19 40 13.3 -0.5
comp-Z,6.0nm,0.7s					
KRUC	Krnavsky	15.54 334	ePn	Pn	19 40 15.9 +1.8
OJC	Ojcow	15.56 343	↓P	Pn	19 40 13.7 -0.7
OJC	Ojcow	15.56 343	↓P	Pn	19 40 13.7 -0.7
BIOA	Bad Ischl, Aus	15.59 325	ePn	Pn	19 40 16.9 +2.1
OKC	Ostrava-Krasne	15.64 339	eP	P	19 40 20.5 +1.0
OKC				MLR	
comp-Z,600nm,17.9s					
OKC	Ostrava-Krasne	15.64 339	eP	P	19 40 20.5 +1.0
OKC				AMS	19 40 24.9
OKC				AMS	19 46 20.0

comp-Z,600nm,17.9s					
VRAC	Vranov	15.68 335	↓P	Pn	19 40 19.0 -0.9
VRAC	Vranov	15.68 335	↓P	P	19 40 15.4 -0.5
comp-Z,0.4nm,0.3s,baz=148,slow=10,SNR=22					
VRAC				LR	19 47 37.6
comp-Z,601nm,18.2s,baz=153,slow=43					
VRAC	Vranov	15.68 335	ePn	Pn	19 40 17.7 +1.8
GOF	Golovkye	15.70 48	ceP	P	19 40 17.7 +1.4
MORC	Moravsky Berou	15.77 338	↑P	Pn	19 40 20.9 -0.1
MORC	Moravsky Berou	15.77 338	↑P	Pn	19 40 16.6 -0.5
MORC	Moravsky Berou	15.77 338	↓P	pmax	19 40 16.6 -0.5
comp-Z,17nm,0.8s					
MORC	Moravsky Berou	15.77 338	ePn	Pn	19 40 18.6 +1.4
STEB	Steborice	15.84 338	eP	Pn	19 40 22.2 +0.5
STEB				sP	19 40 29.2 +1.4
LESA	Schwarzeleotal	15.86 323	ePn	P	19 40 21.3 -0.8
comp-Z,2.7nm,0.7s					
TREC	Trest	16.06 333	eP	P	19 40 25.1 +0.9
comp-Z,9.8nm,1.0s					
TREC	Trest	16.06 333	eP	MLR	19 40 25.1 +0.9
comp-Z,800nm,11.9s					
TREC	Trest	16.06 333	eP	sP	19 40 30.6 +0.3
TREC				AMS	19 47 10.0
comp-Z,800nm,11.9s					
CKRC	Cesky Krumlov	16.15 329	eP	P	19 40 25.7 +0.5
CKRC				MLR	
comp-Z,800nm,11.2s					
CKRC	Cesky Krumlov	16.15 329	eP	AMS	19 40 25.7 +0.5
CKRC				AMS	19 47 00.0
comp-Z,800nm,11.2s					
KRLC	Kraliky	16.27 337	eP	MLR	19 40 26.5 -0.1
KRLC				MLR	
comp-Z,600nm,10.5s					
KRLC	Kraliky	16.27 337	eP	P	19 40 26.5 -0.1
KRLC				x	19 40 33.6
KRLC				AMS	19 49 10.0
comp-Z,600nm,10.5s					
WTTA	Wattenberg	16.28 321	↑Pn	P	19 40 26.6 -0.2
comp-Z,2.7nm,0.5s,SNR=10					
WTTA	Wattenberg	16.28 321	↑Sg		19 44 53.4
comp-Z,1.1nm,0.1s					
WATA	Walderalm	16.35 321	↑Pn	P	19 40 26.8 -0.8
comp-Z,1.1nm,0.9s,SNR=7.5					
WATA	Walderalm	16.35 321	↑Sg		19 44 52.6
comp-Z,8.1nm,0.1s					
GE2C	GERESS Array S	16.42 328	↓P	IAMB	19 40 27.3 -1.0
GE2C				IAMB	19 40 30.9
comp-Z,24nm,0.8s					
GERES	GERESS Array B	16.42 328	↓Pn	P	19 40 25.2 -0.5
comp-Z,0.2nm,0.3s,baz=132,slow=11,SNR=153					
GERES				LR	19 47 25.4
comp-Z,446nm,18.1s,baz=138,slow=40					
GERES				ScP	19 48 56.1 +4.8
comp-Z,0.3nm,0.6s,baz=151,slow=2.2,SNR=3.5					
GERES	GERESS Array B	16.42 328	↓P	Pn	19 40 26.6 +1.0
GERES	GERESS Array B	16.42 328	↓Pn	Pn	19 40 29.1 +0.3
comp-Z,1.2nm,0.4s					
FETA	Feichten	16.60 319	↑P	P	19 40 32.2 +1.8
comp-Z,1.6nm,1.0s,SNR=9.9					
MOTA	Moosalm	16.60 320	ePn	P	19 40 30.2 -0.3
comp-Z,4.0nm,0.5s,SNR=7.7					
FUORN	Ofenpass-Fuorn	16.61 317	↓Pn	Pn	19 40 29.0 +0.8
DPC	Dobruska-Polom	16.66 336	eP	MLR	19 40 31.0 +0.1
DPC				MLR	
comp-Z,700nm,24.7s					
DPC	Dobruska-Polom	16.66 336	eP	P	19 40 31.0 +0.1
DPC				x	19 40 37.9
DPC				AMS	19 47 40.0
comp-Z,700nm,24.7s					
ZVC	Zvikov	16.68 331	eP	AMS	19 40 30.6 -0.5
ZVC				AMS	19 48 30.0
comp-Z,900nm,11.0s					
KHC	Kasperske Hory	16.70 329	↓Pn	Pn	19 40 29.3 +0.3
KHC	Kasperske Hory	16.70 329	eP	pmax	19 40 31.2 -0.1
KHC				pmax	
comp-Z,19nm,0.8s					
KHC	Kasperske Hory	16.70 329	eP	AMS	19 40 30.9 -0.4
KHC				AMS	19 47 30.0
comp-Z,700nm,12.9s					
OSTC	Ostas	16.87 336	eP	MLR	19 40 32.8 -0.4
OSTC				MLR	
comp-Z,500nm,16.4s					
OSTC	Ostas	16.87 336	eP	AMS	19 40 32.8 -0.4
OSTC				AMS	19 47 40.0
comp-Z,500nm,16.4s					
UPC	Upice	16.89 336	eP	P	19 40 33.9 +0.5
UPC				MLR	
comp-Z,600nm,12.8s					
UPC	Upice	16.89 336	eP	AMS	19 40 33.9 +0.5
UPC				sP	19 40 40.7 +1.2

Table with columns for station name, frequency, power, and other technical details. Includes stations like FABU, ONAU, ESBB, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like MANEM, MBAR, PMOZ, etc.

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

mbmp3.8/8, ML3.6/1, Error ellipse: s-maj=105.9km s-min=16.6km az=70.0 DJA 26 21:55:41.2, 0.3, 2.0, N3°12'12.6E, h10km, M3.7/13, mb3.8/2, MLV3.6/13

ISC 26 21:55:42.6, 0.9, 1.7, 8N.0108>126.58E, 0.09, h47km, n13, <0589/13, mb4.0/7, Northern Molouca Sea

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

SJA 26 22:01:03.8, 0.8, 2.1, 92S>68.82W, h126km, 4km, ML3.7, MW3.8 GUC 26 22:01:05.5, 0.8, 2.1, 93S>68.70W, h109km, 3km, ML3.7

ISC 26 22:01:04.2, 1.2, 21, 95S.0103>68.81W, 0.05, h122km, 9km, n28, r=143/50, SC, Chile-Bolivia border region

Main table of station data for the Chile-Bolivia border region, including stations like PB09 IPOC Station P, PB07 IPOC Station P, etc.

IDC 26 22:07:06.7, 3.5, 33, 45S>178.14W, h0km, mb3.8/2, mbtmp3.7/3, ML3.3/1, Error ellipse: s-maj=79.1km

Table of station data for IDC 26 22:07:06.7, including stations like URZ Urewera, ASAR Alice Springs, etc.

IDC 26 22:08:06.5, 0.8, 35, 42N>26.80E, h0km, mb3.9/12, mbtmp3.8/21, ML3.4/9, MS3.2/15, Error ellipse: s-maj=18.3km s-min=11.3km az=176.0

AFAD 26 22:08:07.9, 35, 63N>26.57E, h23km, 1km, MW3.8 ATH 26 22:08:08.0, 35, 48N>26.71E, h12km, 3km, ML3.7/5,

Latitude uncertainty: 4 km; Longitude uncertainty: 2 km THE 26 22:08:08.1, 36, N4.2>7E, h7km, 6km, M3.7/11, ML3.7/11

GII 26 22:08:09.6, 0.0, 35, 236N.0100>26.880E, 0.001, h0km, MWS3.9, confirmed ISC 26 22:08:08.2, 1.0, 35, 42N.0103>26.73E, 0.02, h12km, 6km, n184, r193/238, mb3.9/11, MS3.3/10, Crete

Main table of station data for the Crete region, including stations like KARP Karpathos, ZKR Zakros, etc.

Main table of station data for the Mediterranean and surrounding regions, including stations like ISP Isparta, HNTI Hanita, etc.

26d 22h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like TORO Torodi Ar. Bea, BVAR Borovoye Array, AAK Ala-Archa, etc.

26d 22:15:12.8-0.8, 35.48N, 26.76E, h0km, mb3.8/12, mbmp3.8/18, ML3.4/6, Error ellipse: s-maj=21.8km

Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists numerous stations including KARP Karpathos, ZKR Zakros, NPS Neapolis, etc.

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Main table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists stations like TAVA TAVA, CAEL Denizli, ESEN Aydin-Nazilli, etc.

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Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes USKR Ussuriysk Arr, KSRS Korea Array, YKA Yellowknife Arr, etc.

IDC 26 22:24:11.4:5.7, 31.22S x 179.71E, h410km, 51km, mb3.1/4, mbmp4.0/5, Error ellipse: s-maj=60.3km s-min=27.5km

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

MOS 26 22:24:44.9:1.1, 47.07N, 155.46E, h28km, mb4.0/1, Error ellipse: s-maj=15.8km s-min=4.2km az=83.2

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes FINES Finess Array B, etc.

IDC 26 22:24:10.4:1.9, 31.2S, 0.1x179.7E, 0.3, h400km, n6, o85E7, mb3.5/4, Kermadec Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes SKR Severo-Kuril's, SKR Severo-Kuril's, etc.

IDC 26 22:25:00.8:1.1, 48.2N, 0.1x155.24E, 0.009, h100km, n92, o167/94, mb3.9/11, Kuril Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes KDR Khodutka, KDR Khodutka, KDR Khodutka, etc.

IDC 26 22:24:55.6:5.2, 47.62N, 154.78E, h70km, 34km, mb3.6/10, mbmp4.0/13, ML3.6/3, MS3.1/1, Error ellipse: s-maj=53.5km s-min=26.6km az=152.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes PAU Pauzhetka, PAU Pauzhetka, PAU Pauzhetka, etc.

IDC 26 22:25:02.3:0.2, 48.40N, 154.90E, h97km, 56km, mb3.3/4, msh5.8/4

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes PAU Pauzhetka, PAU Pauzhetka, PAU Pauzhetka, etc.

IDC 26 22:25:00.8:1.1, 48.2N, 0.1x155.24E, 0.009, h100km, n92, o167/94, mb3.9/11, Kuril Islands

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

26d 23h

Table with columns for station name, time, and location. Includes stations like ARG Arkhangelos, BODR Bodrum, and various other locations in the Aegean region.

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Table with columns for station name, time, and location. Includes stations like SALP Salfit, KZIT Kziot, and various other locations in the Eastern Mediterranean region.

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Table with columns for station name, time, and location. Includes stations like VNA3 Neumayer Olymp, VNA2 Neumayer-Watz, and various other locations in the South Pacific region.

JMA 26.23:10.38.1.0.7.20°N.13°x2°2E, h0km, MV4.7/19, FAR

MAN 26.23:10.46.0.19.99N.122.24E, h17km, MS2.9

ISC 26.23:10.46.6.3.9.20°N.02.122.2E.0.1, h10km, n17, a122/22, Philippine Islands region

Table with columns for station name, time, and location. Includes stations like TWGBT Beinan, YULB Yu-Hi, and various other locations in the Philippine Islands region.

NOU 26.23:23.32.5.17.15S:167.88E, h0km, MLV4.0/7, Vanuatu Islands, Vanuatu AZS

Table with columns for station name, time, and location. Includes stations like SANVU Saraoutou, MARNC Mare, and various other locations in Vanuatu.

JMA 26.23:27.44.3.0.1.23.1N.0.1x120.8E.0.5, h0km, MV4.8/12, TAIWAN REGION

NIED 26.23:27.44.3.23.08N.120.81E, h0km, MW4.8, Moment Tensor Solution, s3

MAN 1.69. Mm1.20. Mw0.50; Mm0.20; Mm0.40; Mm0.60; Fault plane solution: N1.63000x1016 NP1: phi=100.00000, delta=0.00000, lambda=11.000000. NP2: phi=311.00000, delta=0.00000, lambda=-68.00000.

IDC 26.23:27.44.2.0.5.22.95N.121.06E, h0km, mb4.3/27, mbmp4.4/32, ML4.4.5, MS3.9/51 Error ellipse: s-maj=14.9km s-min=10.9km az=63.0

TAP 26.23:27.44.2.0.3.23.05N.120.84E, h5km, ML5.0/C, BUI 26.23:27.44.4.2.3.07N.120.86E, h10km, mb4.8/24, mb4.4/62, ML4.5/6, Ms4.7/61, Ms7.4/456

ASIES 26.23:27.44.5.23.05N.120.83E, h6km, MW4.6, Fault plane solution: NP1: phi=100.00000, delta=0.00000, lambda=14.00000. NP2: phi=340.00000, delta=0.00000, lambda=60.00000.

GCMT 26.23:27.46.5.0.3.23.11N.0.02.120.91E.0.03, h18km, 1km, MW4.8/79, Moment Tensor Solution. s23.c25; s79.c118; Duration: 0 Moment tensor: Scale 1016N; Mrr-1.81; 14; Mss-1.25; 0; Mss-0.56; 0; Mss-0.11; 16; Mss-1.01; 0.4; Mss-0.59; 20; Best double couple: M0.199000x1016

NP1: phi=110.00000, delta=0.00000, lambda=-114.00000. NP2: phi=322.00000, delta=0.00000, lambda=-69.00000. Principal axes: T 1.9910, P14.0000, Azm37.0000; N 0.0000, P16.1600, Azm128.0000; P -1.9900, P17.3.0000; Azm293.0000; nsta1 refers to body waves, cutoff=40s.

nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NEIC 26.23:27.46.5.1.8.23.08N.0.04.120.87E.0.02, h10km, 1km, mb4.7/88, Mw1.4/720 Error ellipse: s-maj=7.2km s-min=2.8km az=337.0, Moment Tensor Solution. Moment tensor: Scale 1016N; Mrr-1.00; Mss-0.54; Mss-0.46; Mss-0.18; Mss-0.93; Mss-0.75; Fault plane solution: M0.149000x1016 NP1: phi=105.00000, delta=44.77000, lambda=137.78000. NP2: phi=342.22000, delta=61.75000, lambda=53.69000. Principal axes: T 1.4996, P10.0000; Azm47.0000; N -0.0256, P13.1.0000; Azm143.0000; P 47.9. P157.0000; Azm102.0000.

NEIC 26.23:27.47.2.23.08N.120.85E, h10km, ISC 26.23:27.46.7.0.4.23.05N.0.01.120.88E.0.01, h12km, 2km, n486, r160/625, mb4.6/110, MS4.1/66, S4.2/27, Taiwan

Table with columns for station name, time, and location. Includes stations like STYH Taoyuan, STYV Taoyuan, and various other locations in the Taiwan region.

LONT	Longtian	0.27 122	↓P	Pb	23 27 51.8	-1.8	WTCT			Sn	23 28 18.6	-1.5	JYNG	Yonagunijimaku	2.35 53	P	Pn	23 28 25.0	-0.1	
LONT	Longtian		↓S	Sb	23 27 56.8	-1.4	DPDB	Guoxing	0.98 3	↓P	Pb	23 28 04.5	-1.2	JYNG	Yonagunijimaku		↓S	Sb	23 28 55.6	-2.4
SGST	Jiashian	0.27 276	↑P	Pg	23 27 49.6	-2.8	DPDB			↑P	Pb	23 28 19.3	-0.9	YOJ	Yonaguni jima	2.41 54	P	Pn	23 28 25.8	-0.1
SGST	Jiashian		↓S	Sg	23 27 53.9	-2.3	WWF	Wufeng	1.00 350	↓P	Pn	23 28 05.6	-1.0	YOJ	Yonaguni jima	2.41 54	P	Pn	23 28 25.7	-0.1
TWG	Pinlang	0.29 142	↓P	Pb	23 27 52.0	-1.9	WWF	Beigang Elemen	1.00 2	↓P	Pb	23 28 20.4	-0.3	YOJ	Yonaguni jima	2.41 54	P	Pn	23 28 25.3	-0.6
TWG	Pinlang	0.29 142	↑P	Pg	23 27 52.0	-1.9	WCS			↑P	Pb	23 28 20.4	-0.3	YOJ	Yonaguni jima	2.41 54	P	Pn	23 28 25.3	-0.6
TWGT	Beinan	0.30 142	↓P	Pb	23 27 52.2	-1.8	SMST	Manzhou Townsh	1.03 182	↓P	Pn	23 28 05.2	-1.3	YOJ	Yonaguni jima	2.41 54	↓P	Pb	23 28 25.8	-0.1
TWGT	Beinan	0.30 142	↑P	Pg	23 27 52.0	-1.8	SMST			↑P	Pb	23 28 05.2	-1.3	PTMZ	Houxiangcun	2.55 321	↓P	Pn	23 28 25.6	-2.3
TWGBT	Beinan	0.30 142	↓P	Pb	23 27 52.0	-1.8	SMST			↓P	Pn	23 28 05.2	-1.3	KNM	Kimmen	2.62 302	↓P	Pn	23 28 28.1	-0.8
TWGBT	Beinan	0.30 142	↑P	Pg	23 27 52.0	-1.8	TEYL	Yanliu Villag	1.05 39	↑P	Pn	23 28 06.2	-1.1	KNMB	Chin-men Tao	2.68 302	↓P	Pn	23 28 28.0	-1.7
WTP	Ta-pu	0.31 308	↑P	Pg	23 27 51.7	-1.4	TEYL			↑P	Pn	23 28 23.5	+1.7	KNMB	Chin-men Tao	2.68 302	↓P	Pn	23 28 26.9	-2.8
WTP	Ta-pu	0.31 308	↓P	Pb	23 27 52.0	-1.9	PHN	Hengchun	1.05 187	↓P	Pn	23 28 07.1	-1.3	PHN	Pengchiao	2.79 23	↓P	Pb	23 28 30.3	-1.1
HEN	Chishang	0.32 82	↑P	Pg	23 27 52.9	-1.4	WCH1	Changhua City	1.06 343	↑P	Pn	23 28 06.4	-1.1	QZH2	Quanzhou	2.81 313	↓P	Pn	23 28 29.5	-2.0
ECS			↓S	Sb	23 27 58.3	-1.2	WCH1			↓S	Pn	23 28 06.4	-1.1	QZH2			↓S	Sb	23 29 02.5	-2.9
EHD	Haiduan	0.32 72	↑P	Pg	23 27 52.5	-1.8	WCH1			↑P	Pn	23 28 07.1	-0.4	QZH2	comp=N,1µm,0.8s		smax	smax		
EHD	Haiduan		↓S	Sb	23 27 57.2	-2.3	WCHH	Zhanghua	1.06 344	↓P	Pn	23 28 06.7	-0.8	QZH2	comp=E,2µm,0.6s		smax	smax		
TPUB	Ta-pu	0.34 317	↓P	Pb	23 27 52.4	-1.2	TPUB			↓P	Pn	23 28 05.6	-1.6	HATJ	Hateruma jima	2.87 69	P	Pn	23 28 31.5	-0.8
TPUB	Ta-pu	0.34 317	↑P	Pg	23 27 52.2	-1.3	ETM	Tongmen	1.07 32	↑P	Pn	23 28 21.5	-0.9	HATJ			↓P	Pb	23 28 04.7	-2.0
TPUB	Ta-pu	0.34 317	↓P	Pb	23 27 56.9	-1.3	ETM			↓P	Pn	23 28 05.6	-2.0	IRIF	Iriomote-Funau	2.91 63	↓P	Pn	23 28 32.5	-0.3
TPUB	Ta-pu	0.34 317	↑P	Pg	23 27 52.3	-1.3	ETM			↑P	Pn	23 28 05.6	-2.0	ZPLA	Ao Xicun	3.00 288	↓P	Pn	23 28 32.4	-1.7
TPUB	Ta-pu	0.34 317	↓P	Pb	23 27 57.0	-1.1	LNWB	Xiulin Townshi	1.08 271	↓P	Pn	23 28 06.8	-1.0	ZPLA			↓P	Pb	23 29 11.6	+1.5
TPUB	Ta-pu	0.34 317	↑P	Pg	23 27 57.0	-1.1	LNWB			↑P	Pn	23 28 06.8	-1.0	JKRS	Kuro-shima	3.10 67	P	Pn	23 28 35.5	0.0
CHN1	Nanshi	0.35 292	↓P	Pb	23 27 52.5	-1.3	SNX	Nanwan	1.09 186	↓P	Pn	23 28 23.0	+0.1	JKRS			↓P	Pb	23 29 13.2	+0.7
CHN1	Nanshi	0.35 292	↑P	Pg	23 27 57.7	-0.8	TCU	Taichung	1.11 350	↑P	Pn	23 28 07.9	0.0	JKRS			↑P	Pg	23 28 35.6	-1.3
SSD	Sandimen	0.38 217	↓P	Pb	23 27 52.2	-2.1	TCU			↓P	Pn	23 28 23.2	0.0	JKRS			↓P	Pb	23 28 34.8	-2.5
SSD	Sandimen	0.38 217	↑P	Pg	23 27 56.9	-2.5	TCU			↑P	Pn	23 28 06.8	-1.0	JKRS			↑P	Pg	23 28 35.0	0.0
TTN	Taitung	0.39 140	↓P	Pb	23 27 54.7	-0.8	TKW1	Hengchun	1.11 184	↓P	Pn	23 28 25.6	+2.4	JKRS			↓P	Pb	23 29 13.2	+0.7
SNST	Tainan City	0.39 295	↓P	Pb	23 27 53.6	-0.9	TKW2	Hengchun	1.11 183	↓P	Pn	23 28 06.4	-1.7	JKRS			↓P	Pb	23 28 35.6	-1.3
SNST	Tainan City	0.39 295	↑P	Pg	23 28 00.5	-0.6	TKW2			↑P	Pn	23 28 24.4	+1.0	JKRS			↑P	Pg	23 28 36.7	-0.5
SCST	Cishan	0.39 245	↓P	Pb	23 27 53.2	-1.3	HWA	Hwalian	1.14 36	↓P	Pn	23 28 25.7	+1.7	AXDP	Jialang	3.23 305	↓P	Pn	23 28 34.8	-2.5
SCST	Cishan	0.39 245	↑P	Pg	23 27 59.8	-1.8	HWA			↑P	Pn	23 28 06.6	-2.1	DXSP	Dongshan	3.24 282	↓P	Pn	23 28 35.7	-1.7
CHN4	Tsashan	0.40 319	↓P	Pb	23 27 53.6	-2.1	WDGT	Dungji	1.14 281	↓P	Pn	23 28 06.6	-2.1	JJ	Ishigaji jima	3.26 66	↓P	Pn	23 28 37.4	-0.3
CHN4	Tsashan	0.40 319	↑P	Pg	23 27 59.5	-2.3	WDGT			↑P	Pn	23 28 22.6	-0.6	JJ			↑P	Pg	23 29 17.0	+0.5
EDH	Donghe	0.40 101	↓P	Pb	23 27 54.8	-1.0	WHF	Hehuan Shan	1.14 181	↓P	Pn	23 28 07.0	-1.9	JYQ	Yeshan	3.47 331	↓P	Pn	23 28 39.0	-1.5
EDH	Donghe	0.40 101	↑P	Pg	23 27 57.7	-0.8	WHF			↑P	Pn	23 28 07.0	-1.9	LYJJ	Jianjiangzhen	3.63 344	↓P	Pn	23 28 41.8	-1.0
TSMG	Majia	0.41 212	↓P	Pb	23 27 52.7	-2.1	TSEB	Hengchuen, Pin	1.15 179	↓P	Pn	23 28 07.7	-0.8	XPSS	Dashiju	3.91 351	↓P	Pn	23 28 45.2	-1.4
TSMG	Majia	0.41 212	↑P	Pg	23 27 57.6	-2.6	TSEB			↑P	Pn	23 28 26.1	+1.9	JMJ	Miyako jima 2	4.40 66	↓P	Pn	23 28 53.7	+0.3
FULB	Fuli	0.41 69	↓P	Pb	23 27 54.9	-1.1	LAY	Lan-yu	1.19 148	↓P	Pn	23 28 07.3	-2.2	JMJ	Miyako jima 2	4.40 66	↓P	Pn	23 28 53.0	+1.0
FULB	Fuli	0.41 69	↑P	Pg	23 28 01.5	-0.7	TWD	Chiawan	1.22 33	↑P	Pn	23 28 08.0	-2.2	SXFK	Fanhouchang	4.44 319	↓P	Pn	23 28 51.9	-2.2
FWK	Hsinying	0.42 301	↓P	Pb	23 27 54.1	-1.0	TWD			↓P	Pn	23 28 26.2	+0.2	WDS	Pratas Island	4.51 240	↓P	Pn	23 28 53.8	-1.1
FWK	Hsinying	0.42 301	↑P	Pg	23 27 55.1	-0.6	WHP	Taichung City	1.22 3	↑P	Pn	23 28 27.7	+1.4	HKPS	Hong Kong Po S	6.27 264	↓P	Pn	23 28 18.9	-0.2
CHKT	Chengkung	0.45 84	↓P	Pb	23 27 56.1	-0.5	WHP			↓P	Pn	23 28 07.7	-2.6	HKPS	Hong Kong Po S	6.27 264	↓P	Pn	23 29 17.6	-1.5
CHKT	Chengkung	0.45 84	↑P	Pg	23 28 03.9	+0.6	TDCB	Techi	1.22 121	↑P	Pn	23 28 07.7	-2.6	GZHZ	Guangzhou	6.67 277	↓P	Pn	23 29 24.0	-0.5
ECL	Taimali	0.46 171	↓P	Pb	23 27 54.4	-1.3	TDCB			↓P	Pn	23 28 26.8	+0.4	GZHZ			↓P	Pb	23 30 41.0	+0.5
ECL	Taimali	0.46 171	↑P	Pg	23 28 00.8	-1.1	TWT	Tachien	1.23 13	↑P	Pn	23 28 07.6	-2.8	GZHZ	comp=N,370nm,0.9s		smax	smax		
WCKO	Fanlu	0.46 327	↓P	Pb	23 27 55.1	-1.1	TWT			↓P	Pn	23 28 27.5	+1.0	GZHZ	comp=E,370nm,1.1s		smax	smax		
WCKO	Fanlu	0.46 327	↑P	Pg	23 27 57.0	-0.3	LYUB	Lan-yu	1.23 148	↑P	Pn	23 28 07.9	+3.5	JOW	Kunigami	7.69 59	P	Pn	23 29 36.7	-2.0
ALS	Alishan	0.46 352	↓P	Pb	23 27 54.6	-1.3	FUSS	Fushu	1.24 161	↓P	Pn	23 28 08.0	-2.6	JOW	Kunigami	7.69 59	P	Pn	23 29 36.7	-2.0
ALS	Alishan	0.46 352	↑P	Pg	23 28 01.2	-0.9	FUSS			↑P	Pn	23 28 28.7	+1.8	JOW	Kunigami	7.69 59	P	Pn	23 29 36.7	-2.0
CHN3	Shinhua	0.47 273	↓P	Pb	23 27 56.7	-0.4	WVCA	Taichung City	1.24 345	↓P	Pn	23 28 09.1	-0.9	JOW	Kunigami	7.69 59	P	Pn	23 29 36.7	-2.0
CHN3	Shinhua	0.47 273	↑P	Pg	23 28 03.2	-0.7	WVCA			↑P	Pn	23 28 27.7	+1.1	JOW	Kunigami	7.69 59	P	Pn	23 29 36.7	-2.0
TMW1	Shoushan	0.48 242	↓P	Pb	23 27 55.1	-1.1	PHUB	Xiulin Townshi	1.27 26	↓P	Pn	23 28 08.0	-2.5	JOW	Kunigami	7.69 59	P	Pn	23 29 36.7	-2.0
TMW1	Shoushan	0.48 242	↑P	Pg	23 28 03.6	-0.5	PHUB	Peng-hu	1.29 291	↑P	Pn	23 28 25.5	-2.7	JOW	Kunigami	7.69 59	P	Pn	23 29 36.7	-2.0
SGLT	Jiouru	0.48 228	↓P	Pb	23 27 55.5	-0.8	PHUB			↓P	Pn	23 28 10.5	-0.6	JOW	Kunigami	7.69 59	P	Pn	23 29 36.7	-2.0
SGLT	Jiouru	0.48 228	↑P	Pg	23 28 02.8	-1.5	TWQ1	Liyutan	1.29 356	↑P	Pn	23 28 03.0	+2.6	JOW	Kunigami	7.69 59	P	Pn	23 29 36.7	-2.0
TWF1	Yuli	0.49 52	↓P	Pb	23 27 55.4	-1.8	TWQ1			↓P	Pn	23 28 09.1	-2.5	JOW	Kunigami	7.69 59	P	Pn	23 29 36.7	-2.0
TWF1	Yuli	0.49 52	↑P	Pg	23 28 02.7	-1.7	NACB	Ninganchiao	1.29 30	↑P	Pn	23 28 09.1	-2.5	JOW	Kunigami	7.69 59	P	Pn	23 29 36.7	-2.0
SHRT	Tainan City	0.49 267	↓P	Pb	23 27 57.0	-0.3	NACB	Ninganchiao	1.29 30	↓P	Pn	23 28 09.3	-2.4	JOW	Kunigami	7.69 59	P	Pn	23 29 36.7	-2.0
SHRT	Tainan City	0.49 267	↑P	Pg	23 28 03.1	-1.3	NACB	Ninganchiao	1.29 30	↑P	Pn	23 28 08.9	-2.8	JOW	Kunigami	7.69 59	P	Pn	23 29 36.7	-2.0
MASBT	Mashibuluo	0.49 207	↓P	Pb	23 27 54.3	-2.1	NACB	Ninganchiao	1.29 30	↓P	Pn	23 28 08.9	-2.8	JOW	Kunigami	7.69 59	P	Pn	23 29 36.7	-2.0
MASBT	Mashibuluo	0.49 207	↑P	Pg	23 28 00.4	-2.6	NACB	Ninganchiao	1.29 30	↑P	Pn	23 28 09.2	+0.8	JOW	Kunigami	7.69 59	P	Pn	23 29 36.7	-2.0
CHKH	Chenggong	0.50 741	↓P	Pb	23 27 56.3	-1.1	ETL	Fush Village	1.30 32	↓P	Pn	23 28 09.6	-2.1	JOW	Kunigami	7.69 59	P	Pn	23 29 36.7	-2.0
CHKH	Chenggong	0.50 741	↑P	Pg	23 28 04.9	+0.3	ETL			↑P	Pn	23 28 29.3	+2.2	JOW	Kunigami	7.69 59	P	Pn	23 29 36.7	-2.0
EVUL	Yuli	0.50 541	↓P	Pb	23 27 55.0	-1.8	WDJ	Dajia District	1.31 350	↓P	Pn	23 28 01.0	0.6	JOW	Kunigami	7.69 59	P	Pn	23 29 36.7	-2.0
EVUL	Yuli	0.50 541	↑P	Pg	23 27 55.8	-1.9	WDJ			↑P	Pn	23 28 30.1	+1.8	JOW	Kunigami	7.69 59	P	Pn	23 29 36.7	-2.0
YULB	Yu-li	0.51 49	↓P	Pb	23 27 55.6	-2.1	PNG	Penghu	1.32 293	↓P	Pn	23 28 09.0	-2.0							

AK06	Malin Array Si	73.58 318	P	P	23 39 19.7	0.0
AK22	Malin Array Si	73.60 319	P	P	23 39 19.2	-0.7
BR131	Keskin Array S	73.62 307	P	P	23 39 19.9	-0.4
BR131	comp=Z,2.5nm,1.1s		Iamb	Iamb	23 39 28.9	
BRTR	Keskin Array B	73.62 307	P	P	23 39 21.2	+0.9
BRTR	comp=Z,1.5nm,0.9s,baz=115,slow=8.3,SNR=7.6		LR	LR	00 14 40.0	
BRTR	comp=Z,2.4nm,20.4s,baz=292,slow=38					
BRTR	Keskin Array B	73.62 307	P	P	23 39 19.8	-0.6
BR106	Keskin Array S	73.63 307	P	P	23 39 20.8	+0.4
BR105	Keskin Array S	73.64 307	P	P	23 39 20.1	-0.4
F30M	Barrier River	73.84 23	P	P	23 39 20.6	-0.3
F30M	comp=Z,3.4nm,0.9s		Iamb	Iamb	23 39 28.4	
INUK	Inuvik	74.37 22	LR	LR	00 14 39.2	
INUK	comp=Z,5.3nm,18.1s,baz=56,slow=38					
I30M	Mount Dempster	74.49 25	P	P	23 39 24.8	-0.1
L29M	L29M	74.52 28	P	P	23 39 24.9	-0.2
M29M	Somme Creek	74.61 28	P	P	23 39 25.1	-0.6
M29M	comp=Z,3.6nm,0.7s		Iamb	Iamb	23 39 31.4	
CSS	Mathiasis	75.26 302	P	P	23 39 29.7	-0.2
A36M	Sachs Harbour	75.28 17	P	P	23 39 28.4	-0.8
A36M	comp=Z,8.6nm,0.8s		Iamb	Iamb	23 39 31.5	
RNP99	Sopachiv	75.32 320	P	P	23 39 29.8	0.0
RNP99	Varash	75.37 320	P	P	23 39 29.9	-0.2
RNP99	Staryi Chortor	75.38 320	P	P	23 39 29.4	-0.8
KMPD	K-Podolskiy	75.83 317	P	P	23 39 34.7	+1.6
TESR	Tescani	76.43 315	P	P	23 39 36.0	-0.3
BURAR	Bucovina Array	76.98 316	P	P	23 39 37.8	-1.8
BUR08	Bucovina Ar. S	76.98 316	P	P	23 39 38.5	-1.0
BUR08	comp=Z,5.5nm,1.1s		Iamb	Iamb	23 39 46.7	
MLR	Muntele Rosu	77.23 314	LR	LR	00 17 35.0	
MLR	comp=Z,1.05nm,19.0s,baz=44,slow=39					
MLR	Muntele Rosu	77.23 314	P	P	23 39 40.3	-0.7
MLR	comp=Z,9.5nm,1.1s		Iamb	Iamb	23 39 48.3	
MLR	Muntele Rosu	77.23 314	P	P	23 39 41.4	+0.4
DAG	Danmarks Havn	77.44 351	eP	Iamb	23 39 41.5	+0.1
DAG	comp=Z,8.3nm,0.9s		Iamb	Iamb	23 39 45.4	
KWP	Kalwaria Pacla	77.84 319	P	P	23 39 44.3	+0.1
HFS	Hagfors	78.41 331	P	P	23 39 47.5	+0.4
HFS	comp=Z,3.0nm,0.8s,baz=101,slow=4.8,SNR=9.4		LR	LR	00 17 29.7	
HFS	comp=Z,3.7nm,18.9s,baz=60,slow=38					
NC405	NORSAR Array S	78.84 332	P	P	23 39 49.0	-0.5
NC303	NORSAR Array S	78.94 332	P	P	23 39 49.6	-0.4
NB201	NORSAR Array S	79.05 332	P	P	23 39 49.1	-1.6
NB201	comp=Z,9.5nm,0.8s		Iamb	Iamb	23 39 58.4	
NB2	NORSAR Subarra	79.09 332	P	P	23 39 50.7	-0.2
NOA	NORSAR Array B	79.09 332	P	P	23 39 50.6	-0.3
NOA	comp=Z,2.2nm,0.8s,baz=59,slow=5.6,SNR=11		LR	LR	00 18 45.1	
NOA	comp=Z,2.99nm,18.9s,baz=60,slow=39					
OJC	Ojcow	79.36 320	P	P	23 39 51.5	-1.0
OJC	comp=Z,1.5nm,1.1s		P	P	23 39 52.7	+0.2
NIE	Niedzica	79.37 319	P	P	23 39 53.7	+1.0
NEEM	North Greenlan	79.61 358	eP	Iamb	23 39 54.0	+0.2
NEEM	comp=Z,1.1nm,0.7s		Iamb	Iamb	23 39 59.6	
DBG	Daneborg	79.66 350	eP	P	23 39 54.8	+1.1
DBG	comp=Z,1.1nm,0.7s		Iamb	Iamb	23 39 59.6	
STEB	Moravsky Berou	80.67 320	eP	P	23 39 58.9	-0.7
MORC	Moravsky Berou	80.87 320	eP	P	23 40 01.1	+0.3
MAUC	Maruska	80.87 320	eP	P	23 40 01.8	+1.0
KSP	Kisiaz	81.14 322	P	P	23 40 02.9	+0.8
JAVC	Velka Javorina	81.18 319	eP	P	23 40 04.6	+2.2
KRLC	Kraliky	81.19 321	eP	P	23 40 03.2	+0.8
KRLC	comp=Z,1.100nm,13.6s		AMS	AMS	00 20 50.0	
OSTC	Ostas	81.31 321	eP	P	23 40 04.4	+1.4
OSTC	comp=Z,1.100nm,18.5s		AMS	AMS	00 20 30.0	
DPC	Dobruska-Polom	81.34 321	eP	P	23 40 02.8	-0.4
DPC	comp=Z,1.100nm,15.7s		AMS	AMS	00 21 20.0	
DPC	Dobruska-Polom	81.34 321	P	P	23 40 03.5	+0.3
CHVC	Chvalec	81.39 321	eP	P	23 40 04.2	+0.7
CHVC	comp=Z,5.7nm,1.2s		AMS	AMS	00 20 40.0	
UPC	Upice	81.45 321	eP	P	23 40 04.0	+0.2
UPC	comp=Z,2.00nm,15.1s		AMS	AMS	00 20 40.0	
VRAC	Vranov	81.63 320	eP	P	23 40 04.3	-0.5
MORH	Mrgy, Hungar	81.68 317	P	P	23 40 05.1	0.0
KRUC	Krakovsky	81.85 320	eP	P	23 40 05.8	-0.1
MPLH	Magyarpolny	81.97 318	P	P	23 40 07.5	+0.9
RONA	Rosalia, Austri	82.50 319	eP	P	23 40 10.0	+0.6
PRU	Pruhonice	82.52 321	eP	P	23 40 10.7	+1.3
PRU	comp=Z,5.0nm,1.4s		AMS	AMS	00 21 20.0	
KULLO	Kullorsuaq	82.60 359	iP	P	23 40 09.9	+0.6
KULLO	comp=Z,2.00nm,10.9s		Iamb	Iamb	23 40 14.9	
CONA	Conrad Observa	82.67 319	iP	P	23 40 11.1	+0.8
CONA	comp=Z,2.8nm,0.9s		P	P	23 40 11.0	+0.3
CLL	Collim	82.78 323	eP	x	23 40 16.0	
CLL	comp=Z,7.0nm,1.2s					
CLL	comp=Z,2.2nm,0.9s		eP	PP	23 43 22.0	+1.7
CLL	comp=Z,2.1nm,0.8s		eSS	AMS	23 55 54.0	+3.7
CLL	comp=N,200nm,19.0s		AMS	AMS	00 22 00.0	
CLL	comp=Z,2.1nm,0.8s		AMS	AMS	00 22 00.0	
ZVC	Zvikov	82.97 321	eP	P	23 40 12.7	+0.9
ZVC	comp=E,200nm,19.8s		AMS	AMS	00 19 00.0	
SCO	Scoresbysund	83.11 348	iP	P	23 40 15.7	+3.7
SCO	comp=Z,5.8nm,1.1s		Iamb	Iamb	23 40 21.1	
CKRC	Cesky Krumlov	83.19 320	eP	P	23 40 12.9	0.0
CKRC	comp=Z,2.00nm,20.2s		AMS	AMS	00 21 30.0	
KHC	Kasperske Hory	83.47 321	eP	P	23 40 13.6	-0.8
KHC	comp=Z,1.1nm,1.1s		AMS	AMS	23 40 15.3	+0.9
KHC	comp=Z,1.100nm,23.1s		AMS	AMS	00 19 20.0	
KHC	Kasperske Hory	83.47 321	P	P	23 40 14.8	+0.4
GE2C	GERESS Array S	83.53 321	P	P	23 40 13.3	-1.5
GE2C	comp=Z,3.1nm,1.1s		Iamb	Iamb	23 40 22.3	
GERES	GERESS Array B	83.53 321	P	P	23 40 15.0	+0.2
GERES	comp=Z,2.1nm,0.8s,baz=60,slow=3.2,SNR=13					
SUMG	Summit	83.59 354	P	P	23 40 13.6	-1.4
SUMG	comp=Z,2.8nm,0.9s		Iamb	Iamb	23 40 20.9	
SUMG	comp=Z,2.8nm,0.9s		P	P	23 40 15.5	+0.1
SOKA	Soboth	83.73 318	iP	P	23 40 16.4	+0.5
SOKA	comp=Z,3.0nm,0.8s		P	P	23 40 17.1	+0.6
LEGS	Legarje	84.11 318	iP	P	23 40 17.2	-0.6
OBKA	Obir	84.12 23	P	P	23 40 16.8	-0.6
YKA	Yellowknife Ar	84.12 23	P	P	23 40 16.8	-0.6
YKA	comp=Z,1.1nm,0.6s,baz=312,slow=4.8,SNR=16		LR	LR	00 20 55.4	
YKA	comp=Z,6.7nm,19.2s,baz=310,slow=38					
BOJS	Bojanci	84.13 317	iP	P	23 40 18.5	+0.7

UPNV	Upernavik	84.39 359	iP	P	23 40 22.0	+3.4
UPNV	comp=Z,9.2nm,0.8s		Iamb	Iamb	23 40 24.1	
GORS	Gorjuse	84.53 318	iP	P	23 40 19.7	-0.3
KBA	Koelnbreinsper	84.57 319	eP	P	23 40 19.9	-0.4
LESA	Schwarzleotal	84.81 320	iP	P	23 40 21.2	-0.1
LESA	comp=Z,3.4nm,0.9s					
ABTA	Abfallersbach	85.23 319	eP	P	23 40 22.5	-1.0
ABTA	comp=Z,4.9nm,0.7s					
STAL	STALGIALIG	85.35 319	P	P	23 40 22.6	-1.4
STAL	comp=Z,3.9nm,0.9s		Iamb	Iamb	23 40 24.5	
WTTA	Wattenberg	85.51 320	iP	P	23 40 24.7	-0.2
WTTA	comp=Z,2.7nm,0.7s					
WATA	Walderalm	85.51 320	iP	P	23 40 24.5	-0.4
WATA	comp=Z,3.9nm,1.2s					
SQTA	Sankt Quirin	85.78 320	iP	P	23 40 26.6	+0.4
SQTA	comp=Z,4.9nm,0.8s					
FDMO	Fiordimonte	86.65 316	P	P	23 40 29.7	-0.8
NRCA	Norcia	86.73 315	P	P	23 40 30.6	-0.3
DAVOX	Davos/Dischmat	86.79 320	LR	LR	00 22 02.4	
DAVOX	comp=Z,1.22nm,20.6s,baz=57,slow=38					
MURB	Monte Urbino	86.90 316	P	P	23 40 30.2	-1.6
BORG	Borgarnes	87.74 345	LR	LR	00 23 57.6	
BORG	comp=Z,5.9nm,18.3s,baz=36,slow=38					
EKA	Eskdalemuir Ar	88.57 332	P	P	23 40 39.5	+0.1
EKA	comp=Z,0.9nm,0.7s,baz=23,slow=4.9,SNR=3.8		LR	LR	00 24 41.1	
EKA	comp=Z,4.76nm,18.4s,baz=47,slow=38					
MBAR	Mbarara	90.36 270	LR	LR	00 20 57.0	
MBAR	comp=Z,64nm,20.9s,baz=72,slow=35					
YBH	Yreka Blue Hor	92.78 42	LR	LR	00 18 39.2	
YBH	comp=Z,1.7nm,21.7s,baz=342,slow=33					
PPT2	Papeete2	96.31 106	eLR	LR	00 12 30.0	
LSZ	Lusaka	98.26 257	LR	LR	00 21 51.3	
LSZ	comp=Z,6.9nm,23.0s					
ESDC	Sonseca Array	99.12 320	LR	LR	00 31 42.6	
ESDC	comp=Z,54nm,19.2s,baz=36,slow=39					
PDAR	Pinedale Array	99.71 95	LR	LR	00 30 54.4	
PDAR	comp=Z,2.0nm,18.1s,baz=350,slow=38					
MATP	Matopoe	99.84 252	LR	LR	00 22 27.8	
MATP	comp=Z,5.9nm,19.4s,baz=76,slow=33					

IDC 26 23:34:44.4, 1, 2, 202:92N, 120:80E, h0km, mb3.5/11, W, mbtm3.5/12, ML3.6/1, Error ellipse: s-maj=31.3km s-min=20.1km az=68.0
 TAP 26 23:34:45.1, 2, 205N, 120:84E, h5km, ML4.3, C
 ISC 26 23:34:45.0, 7, 23:05N, 120:87E, 0.01, h9km, 4km, n202, s1900/316, mb3.5/9, 25C-17D, Taiwan

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
STYH	Taoyuan	0.15	325	Op	23 34 48.0	+0.3
STYH	Taoyuan	0.15	325	ISC	23 34 50.4	-0.4
STYV	Taoyuan	0.15	318	iP	23 34 48.4	-0.4
STYV	Taoyuan	0.15	318	Sb	23 34 50.0	+0.4
ELDTW	Lidau	0.19	45	iP	23 34 52.9	+0.5
ELDTW	Lidau	0.19	45	Sb	23 34 52.9	+0.5
SLGT	Liugui	0.21	254	iP	23 34 52.5	-0.2
SLGT	Liugui	0.21	254	Sb	23 34 52.5	-0.2
SGST	Jiashan	0.26	277	iP	23 34 49.8	-1.0
SGST	Jiashan	0.26	277	Sb	23 34 53.5	-0.9
LONT	Longtian	0.28	121	iP	23 34 52.1	+1.0
LONT	Longtian	0.28	121	Sb	23 34 56.7	-0.9
TWG	Pinlang	0.30	141	iP	23 34 57.1	-1.0
TWG	Pinlang	0.30	141	Sb	23 34 57.1	-1.0
TWGBT	Beinan	0.30	140	iP	23 34 52.3	+0.8
TWGBT	Beinan	0.30	140	Pn	23 34 57.6	+1.4
TWGBT	Beinan	0.30	140	Pp	23 34 52.3	+0.8
TWGBT	Beinan	0.30	140	Sb	23 34 57.0	+1.4
TWGBT	Beinan	0.30	140	Sg	23 34 51.6	+0.2
WTP	Ta-pu	0.30	310	iP	23 34 56.3	+0.7
WTP	Ta-pu	0.30	310	Sb	23 34 52.6	+0.7
EHD	Haiduan	0.33	73	iP	23 34 57.2	+0.9
EHD	Haiduan	0.33	73	Sb	23 34 53.1	-0.4
ECS	Chishang	0.33	82	iP	23 34 57.0	-0.8
ECS	Chishang	0.33	82	Sb	23 34 52.3	+0.3
TPUB	Ta-pu	0.33	319	P	23 34 57.1	+0.5
TPUB	Ta-pu	0.33	319	Pn		

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Xindian Distri, Taipei, Mucha, Kuangyingshan, Shuangxi, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Puntallana, La Brena Baja, La Mazo, Jeday, El Paso, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC, h, m, s, ISC. Includes stations like Shizhi, Finglin Townsh, Mingjian, Nantou City, etc.

TAP 26:23:42:14.6, 23:05N, 120:84E, h5km, ML3.9, C

ISC 26:23:42:15.1-0.8, 23:05N-0.01:120:84E:0.01, h8km, 6km, n160, e08/83/236, 33C-11D, Taiwan

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

IDC 26:23:44:05.0-1.0, 35:28N-26:82E, h0km, mb3.8/9, mbmp3.7/17, ML3.2/8, MS3.2/8, Error ellipse: s-maj=19.4km s-min=12.4km az=174.0

ISC 26:23:44:06.8, 35:51N-26:70E, h6km, ML3.7/27, MCM3 26:23:44:06.4, 0.6, 35°N, 5°E, h8km, mb3.8, MB3.7, ML3.9, Mw(mB)2.7

ATH 26:23:44:07.2, 35:50N-26:70E, h9km, 2km, ML3.6/6, Latitude uncertainty: 2 km; Longitude uncertainty: 0 km

THE 26:23:44:07.5, 36°N-3°E, h8km, 3km, M3.6/9, ML3.6/9, Gll 26:23:44:08.0, 35:37N-0.001-26:887E, 0.001, h0km, Mw=4.1, confirmed

AFAD 26:23:44:09.1, 35:66N-26:86E, h17km, 1km, MW3.8, ISC 26:23:44:06.1, 1.3, 35.45N, 0.03, 26.73E, 0.02, h8km, 8km, n168, e1949/221, mb3.9/8, MS4.0/3, Crete

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

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

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GEM Giv'at Ha'Em, NATI Neve Ativ, SALP Salfit, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ZF12 Zemlyya Franca-, OMEGA Omega, KBS Kingsbay, etc.

27d 3h

Table with columns: CMAR, STKA, MKAR. Includes station names like Chiang Mai Arr, Stephens Creek, and Machachi Array with associated data.

IDC 27 02:30:34.2e.1.4.13N:124.95E, h0km, mb3.6/5, mbtmp3.7/5, Error ellipse: s-maj=190.1km

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

TIF 27 02:39:03.6, 41.39N:44.03E, h10km. ISK 27 02:39:03.6, 41.37N:44.08E, h2km, ML3.0/12. NORS 27 02:39:03.4, 41.35N:44.03E, h9km, MPVA3.8.

ISC 27 02:39:03.1, 41.36N:0.01:44.03E:0.01, h3km, g9km, n131, c1542/234, 3C, Western Caucasus

Main table listing stations from TRIALETI to GAZAK, AZERBAI, and KONGARON with columns for Code, Station Name, Az, Phase ID, Time, Res.

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Table listing stations from KMGGR to NCK with columns for Code, Station Name, Az, Phase ID, Time, Res.

mbtmp3.7/6, ML3.6/3, MS3.3/1, Error ellipse: s-maj=57.0km s-min=42.9km az=60.0

Table listing stations from KK31 to WRA with columns for Code, Station Name, Az, Phase ID, Time, Res.

SDD 27 03:01:35.5-4.7, 18.42N:70.61W, h36km, 41km, MD2.9, ML2.2, MW2.9, Presumed earthquake

OSPL 27 03:01:36.0, 1.0, 18.52N:70.62W, h1km, 192km, ML1.9, Presumed earthquake

ISC 27 03:01:35.4-1.0, 18.52N:70.60W:0.04, h26km, 11km, n14, c185/21, 13C, Dominican Republic region

Main table listing stations from BANI to MCDR with columns for Code, Station Name, Az, Phase ID, Time, Res.

IDC 27 03:16:57.7-1.7, 40.75N:78.75E, h0km, mb3.6/9, mbtmp3.6/14, ML2.9/5, MS3.0/3, Error ellipse: s-maj=24.5km s-min=15.9km az=148.0

KRNET 27 03:17:00.7-0.1, 40.85N:78.67E, h18km, mb4.1, MOS 27 03:17:01.9-0.7, 40.76N:78.88E, h50km, mb4.2/7, Error ellipse: s-maj=7.1km s-min=4.9km az=125.2

NEIC 27 03:17:03.0-2.4, 40.87N:0.06:78.92E:0.07, h35km, 2km, mb4.2/7, Error ellipse: s-maj=10.6km s-min=8.3km az=154.0

SOME 27 03:17:05.9-1.1, 41.13N:78.73E, h10km, NNC 27 03:17:06.0-1.2, 41.09N:78.72E, h10km, 6km, mb4.5, mpv4.1, Error ellipse: s-maj=7.9km s-min=5.0km az=160.0

ISC 27 03:16:59.0-1.4, 40.80N:0.04:78.90E:0.03, h5km, 8km, n154, c185/198, mb3.9/16, MS2.8/3, 37C-22D, Southern Xinjiang

Main table listing stations from WUSU to PDGK with columns for Code, Station Name, Az, Phase ID, Time, Res.

IDC 27 02:52:09.7-7.1, 35.92N:70.98E, h96km, 56km, mb3.2/3,

27d 4h

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like KBZ Khabaz, AKASG Malin Array Be, GERESE GERESE Array B, etc.

CNIRM 27 03:51:12.7, 38.09N:0.62W, h4km
NEIC 27 03:51:14.5, 1.2, 38.03N:0.05:0.36W, h10km, 2km,
ML2.9/4, Error ellipse: s-maj=9.9km s-min=3.3km
az=144.0

INMG 27 03:51:14.1, 1.1, 38.37N:0.69W, h16km, 4km, ML2.7, Error
ellipse: s-maj=10.6km s-min=2.7km az=134.0,
#DIST_RANGE: REGIONAL #IPMA_REGION: E Murcia
(ESP)

SFS 27 03:51:15.8, 37.95N:0.80W, h16km, ML3.1/16, ML3.4/16,
ML3.2/12
IDC 27 03:51:15.1, 1.9, 38.04N:0.86W, h0km, mb3.1/1,
mbtmp3.1/4, ML2.7/3, MS2.3/1, Error ellipse: s-maj=29.1km
s-min=16.6km az=45.0

MDD 27 03:51:15.3, 0.3, 38.00N:0.77W, h8km, 1km, mb_Lg3.1/27,
Error ellipse: s-maj=3.2km s-min=1.6km az=138.0
ISC 27 03:51:14.4, 0.8, 38.04N:0.02:0.83W, h11km, 6km,
n71, r1927/109, Spain

Main table of station data for the left column, including codes like ETRV, EMUR, CART, AFON, etc., with station names and coordinates.

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Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PCBR, PVAO, MVO, etc.

MTE Manteigas 5.72 296 Pn Pn 03 52 39.1 -0.3
MESJ Messejana 6.08 213 Pn Pn 03 52 40.0 -0.7
PBRG Braganca 5.89 311 Pn Pn 03 52 40.0 +0.2

MOE Montemor 5.93 277 Pn Pn 03 53 47.8 -2.5
MOE MOE 03 54 21.6 -3.2
MOE MOE 03 54 32.0 +0.8

MDT Midelt 6.06 212 Pn Pn 03 52 45.1 +1.0
MDM1 Midelt array s 6.07 213 Pn Pn 03 52 45.3 +0.9
MD31 Midelt 6.08 213 Pn Pn 03 52 45.4 +1.0

NOA NORAB Array B 24.23 14 LR LR 04 05 37.0
TORO Torodi Ar. Bea 24.89 174 P P 03 56 39.8 +2.3

IDC 27 04:01:51.0, 2.8, 28.17N:58.05E, h0km, mb3.6/6,
mbtmp3.6/6, MS3.7/1, Error ellipse: s-maj=59.4km
s-min=32.5km az=149.0

TEH 27 04:02:01.2, 28.15N:58.02E, h90km, ML3.5, Presumed
earthquake
DSN 27 04:02:04.1, 1.4, 27.95N:57.75E, h10km, ML2.9/8, Error
ellipse: s-maj=38.5km s-min=11.0km az=126.0

OMAN 27 04:02:06.0, 1.4, 27.61N:58.09E, h10km, ml3.4/18, Error
ellipse: s-maj=13.2km s-min=3.7km az=158.0
ISC 27 04:02:01.3, 0.9, 28.11N:0.05:58.09E, 0.06, h92km, gkm,
n46, r167/61, mb3.3/5, Southern Iran

Main table of station data for the middle column, including codes like KHNJ, IBND, CHMN, etc., with station names and coordinates.

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

IGLO Ghaloghah 3.42 192 Pn Pn 04 11 12.3 -0.9
ISFR Sfrayin 3.82 136 Pn Pn 04 11 19.4 +0.6
IEMG Emangholi 3.95 127 Pn Pn 04 11 20.6 +0.1

IALA Alasht 4.05 202 Pn Pn 04 11 21.2 -0.7
SBZV Sabzevar 4.16 146 Pn Pn 04 11 23.3 -0.1
SBZV SBZV 04 12 35.2

SBZV Sabzevar 4.16 146 Pn Pn 04 11 23.9 +0.5
LKRK Lenkeran, Azer 4.73 258 Pn Pn 04 11 31.3 +0.4
DAMV Damavand 4.74 208 Pn Pn 04 11 31.5 +0.1

PQL Gilan 4.75 283 Pn Pn 04 11 33.1 +1.7
GIDE GILAN DEYLAMAN 4.76 233 Pn Pn 04 11 33.1 -0.3

IPAY Payeh 4.81 134 Pn Pn 04 11 32.5 +0.3
GLBA Gilbad 4.91 265 Pn Pn 04 11 34.6 +3.1
KSMR Kasunkent 5.28 291 Pn Pn 04 11 41.6 +3.1

KSMR Kasunkent 5.28 291 Pn Pn 04 11 41.7 +3.1
KSMR KSMR 04 12 36.2 -3.3
KSMR KSMR 04 12 35.4 -3.9

AKT Akhty 5.53 289 Pn Pn 04 11 41.3 -0.8
AKT AKT 04 12 45.6 -0.2
AKT AKT 04 12 45.6 -0.2

AKT Akhty 5.53 289 Pn Pn 04 11 45.1 +3.0
AKT AKT 04 12 42.7 -3.1
IQOM Oom 5.78 211 Pn Pn 04 11 45.7 0.0

GABG Abgarm-Qazvin 5.79 226 Pn Pn 04 11 45.5 +0.2
URKR Urkarakh 5.81 296 Pn Pn 04 11 48.5 +2.6
URKR URKR 04 12 49.1 -3.6

ISFB Sefidabadi 5.84 200 Pn Pn 04 11 45.9 -0.4
SEKA Sheki 5.86 286 Pn Pn 04 11 48.9 +2.3
IHRH Heris 6.15 258 Pn Pn 04 11 51.2 +0.6

KMKR Kumukh 6.17 294 Pn Pn 04 11 53.5 +2.6
KMKR KMKR 04 12 57.6 -4.1
KMKR Kumukh 6.17 294 Pn Pn 04 11 53.5 +2.6

KMKR Kumukh 6.17 294 Pn Pn 04 11 53.5 +2.6
KMKR KMKR 04 12 57.7 -4.1
MAK Makhtachkala 6.22 302 Pn Pn 04 11 48.1 -3.3

MAK Makhtachkala 6.22 302 Pn Pn 04 12 58.6 -4.0
MAK MAK 04 12 58.6 -4.0
MAK MAK 04 12 58.6 -4.0

GNBR Gunib 6.36 296 Pn Pn 04 11 56.7 +3.3
GNBR GNBR 04 11 56.7 +3.3
GNBR GNBR 04 11 56.7 +3.3

GNBR Gunib 6.36 296 Pn Pn 04 11 56.7 +3.3
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GNBR Gunib 6.36 296 Pn Pn 04 11 56.7 +3.3
GNBR GNBR 04 11 56.7 +3.3
GNBR GNBR 04 11 56.7 +3.3

27h 4h

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Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, JHNI, Jhansi, Pn, and various numerical values. The table lists numerous radio stations and their associated frequencies and identifiers.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like KARP, RNP5, RNP8, etc.

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

Table with columns: Code, Station Name, Azimuth, Elevation, and other technical details. Includes stations like DPSS, GUMO, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like TECO, Cerro Verde, Las Pavas, San Jose, etc.

SDD 27 05:34:04.5±2.1, 19.87N-71.22W, h1km, 6km, MD2.9, ML2.1, MW2.4, Presumed earthquake

OSPL 27 05:34:06.8±2.1, 19.75N-71.21W, h2km, 18km, ML1.9, Presumed earthquake

ISC 27 05:34:04.3±1.1, 19.84N-0.05:71.20W, 0.04, h1km, n15, e0508/26, 17C-1D, Dominican Republic region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like Punta Rusia, Luperon, Mao Valverde, etc.

OSPL 27 05:38:07.3±2.1, 19.78N-71.18W, h12km, 11km, ML2.4, Presumed earthquake

SDD 27 05:38:07.5±4.2, 19.80N-71.13W, h0km, 11km, MD3.1, ML2.5, MW2.6, Presumed earthquake

ISC 27 05:38:05.7±0.9, 19.78N-0.03:71.11W, 0.03, h1km, 6km, n18, e0576/32, 21C-2D, Dominican Republic region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like Punta Rusia, Luperon, Mao Valverde, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like SODR, SC01, MCDR, etc.

IDC 27 05:41:08.8±6.5, 22.69Sx178.73W, h0km, mb4.0/3, mbmp4.0/3, Error ellipse: s-maj=184.2km

s-min=103.3km az=146.0, South of Fiji Islands

OSPL 27 05:42:51.8±2.0, 19.78N-71.19W, h12km, 10km, ML2.0, Presumed earthquake

SDD 27 05:42:51.2±2.7, 19.81N-71.17W, h0km, 10km, MD2.8, ML2.1, MW2.4, Presumed earthquake

ISC 27 05:42:50.7±0.9, 19.77N-0.04:71.14W, 0.04, h1km, 7km, n14, e0579/23, 15C-1D, Dominican Republic region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like Punta Rusia, Mao Valverde, Luperon, etc.

OSPL 27 05:44:36.5±2.1, 19.80N-71.16W, h12km, 16km, ML2.1, Presumed earthquake

SDD 27 05:44:36.9±2.6, 19.79N-71.16W, h2km, 6km, MD2.9, ML2.1, MW2.6, Presumed earthquake

ISC 27 05:44:35.0±1.0, 19.80N-0.05:71.09W, 0.04, h1km, 2km, n15, e0576/27, 16C-2D, Dominican Republic region

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like Punta Rusia, Luperon, Mao Valverde, etc.

Table with columns: Station Name, Time, Res, and various codes. Includes stations like MCDR, REDR, SDDR, etc.

OMAN 27 05:58:33.0±3.0, 27.05N-55.92E, h8km, 4km, mb3.9/5, mb3.8/23, Error ellipse: s-maj=8.0km s-min=4.6km az=68.0

TEH 27 05:58:35.2±6.6, 26.65N-55.96E, h4km, 25km, ML3.8, Presumed earthquake

IDC 27 05:58:36.2±1.0, 26.78N-55.80E, h0km, mb3.8/11, mbtmp3.8/14, ML3.5/3, MS3.1/9, Error ellipse: s-maj=23.1km s-min=20.3km az=150.0

DSN 27 05:58:37.1±0.7, 26.84N-56.10E, h10km, ML3.6/15, Error ellipse: s-maj=11.7km s-min=4.9km az=74.0

NEIC 27 05:58:37.5±0.9, 26.75N-0.08:55.82E, 0.10, h10km, 1km, mb4.1/18, Error ellipse: s-maj=15.1km s-min=13.1km az=71.0

ISC 27 05:58:36.2±1.4, 26.80N-0.03:55.88E, 0.05, h1km, 9km, n107, e1918/112, mb3.9/16, MS3.0/5, Southern Iran

Table with columns: Code, Station Name, Time, Res, and various codes. Includes stations like GENO, SHME, STKA, ASAR, WRA, HFS, etc.

27d 6h

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like ASF, BTK, DRK, EIL, MMAI, ARPR, KBZ, KK31, etc.

CATAC 27 06:00:47.9, 0.8°N; 8°3'3W, h77km, 45km, M3.9/8, MLV=3.8, Error ellipse: s-maj=17.0km s-min=7.1km

UPA 27 06:00:48.1, 2.2, 6°38N, 82°35W, h18km, 26km, MW4.0, Presumed earthquake

ISC 27 06:00:44.6, 2.2, 6.49N, 0°09.82'28W, 0.04, h5km, 11km, n36, c142/63, 3C-7, South of Panama

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

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

IDC 27 06:14:36.7, 0.7, 33°09'S; 178°48'W, h0km, mb4.6/7, bmtmp4.6/9, ML4.7/2, MS4.1/32, Error ellipse:

WEL 27 06:14:39.8, 1.1, 34°59'S; 17°8'W, 1.1, h12km, M5.0/14, mB5.2/7, ML5.2/16, MLV5.5/14, Mw(MB)4.6/7, Error ellipse:

NEIC 27 06:14:39.4, 1.3, 33°65.0'N; 178°5W, 0.2, h10km, 1km, mb4.9/36, Error ellipse: s-maj=23.0km s-min=20.4km

GCMT 27 06:14:41.4, 0.4, 33°23'S; 0°04.177°75W, 0.03, h22km, 1km, Mw=4.81, Moment Tensor Solution, s26,c26, s81,c102:

Duration: 0 Moment tensor: Scale 10^16Nm; M2, 0.82; 16; M3, 0.56; 09; M4, 1.52; 09; M5, 0.08; 15; M6, 0.28; 06; M7, 1.32; 14; Best double couple: M2 25800/1016

NP1=200,00000; s28,0.00000; A,103.00000; NP2: phi=5.00000; s63,0.00000; A83,0.00000; Principal axes: T 2.5210, P1g71.0000, Azm260.0000; N -0.5290, P1g6.0000, Azm8.0000; P -1.9940, P1g18.0000

Azm10,0000; nst1 refers to body waves, cutoff=40s. nst2 refers to surface waves, cutoff=50s. Triangular moment-rate function

NOU 27 06:14:49.6, 24°09'S; 178°46'W, h91km, mb4.7/11, South of Kermadec Islands

ISC 27 06:14:38.6, 0.4, 33°55'S; 0°05.178°46'W, 0.06, h10km, n154, c254/141, mb4.9/26, MS4.2/32, 3C-6D, South of Kermadec Islands

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

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

MSVF Jonsavu 16.06 348 P 06 18 28.9 +0.9

MSVF Ouen Island, N 17.05 307 P 06 18 39.4 +0.4

ONTC Ouen Toro 17.39 306 P 06 18 43.4 +0.8

DZM Mont Dzumac 17.56 307 P 06 18 44.1 +0.5

KOUNC Kouimac, New Ca 20.05 306 P 06 19 13.7 +1.7

RAR Rarotonga 20.61 58 LR 06 26 42.2

TBI Tubuai 27.36 76 eS 06 25 07.5 +3.5

EIDS Eidsvold 27.67 279 P 06 20 27.9 +1.1

TAU Tasmania Island 26.30 241 P 06 20 31.3 -0.9

PP2T Papeete2 30.38 66 eS 06 25 50.2 -1.4

PP2T Papeete 30.39 66 LR 06 28 31.1

STKA Stephens Creek 33.51 262 LR 06 34 38.7

CTA Charters Tower 34.05 284 LR 06 34 43.6

BBOO Buckleboe 37.84 258 P 06 21 54.7 -0.8

PMG Port Moresby 39.70 299 LR 06 36 49.7

COEN Coen 39.87 290 P 06 22 12.8 +0.2

AS31 Alice Springs 42.65 271 P 06 22 35.1 -0.4

ASAR Alice Springs 42.65 271 P 06 22 35.4 -0.1

ASAR Alice Springs 42.65 271 P 06 22 35.5 -3.3

1708

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

OSPA South Pole City 56.57 180 P 06 24 25.0 +3.8

OSPA South Pole City 56.57 180 P 06 24 25.0 +3.8

SIJI Sorong 57.18 294 LR 06 47 12.8

RPN Rapu Rapu 59.02 104 LR 06 46 44.8

DAV Davao City (W) 66.63 296 LR 06 54 01.0

BELA Belgrano 2 66.73 172 P 06 25 29.5 +0.2

MAW Mawson 69.24 201 LR 06 54 52.5

MMA Palmer Station 69.21 155 LR 06 25 45.9 +0.7

LEM Lembang 72.87 273 LR 07 00 18.4

USHA Ushuaia 73.65 145 LR 06 53 14.6

TROLL Troll, Antarti 74.73 180 P 06 26 21.9 +3.6

SNAI Snares 75.03 179 P 06 26 23.4 +3.4

SNAI Snares 75.03 179 P 06 26 23.4 +3.4

SNAI Snares 75.03 179 P 06 26 23.4 +3.4

VNA3 Neumayer Olymp 75.20 177 LR 06 26 22.3 +1.4

VNA3 Neumayer Olymp 75.20 177 LR 06 26 22.3 +1.4

VNA3 Neumayer-Watz 75.63 177 P 06 26 25.3 +2.0

VNA1 Neumayer-St 75.86 177 P 06 26 36.2 +0.1

VNA1 Neumayer-St 75.86 177 P 06 26 36.2 +0.1

PLCA Paso Flores 80.65 133 LR 06 56 33.9

MT01 Popeta 84.29 127 P 06 27 10.6 -0.3

GSI Gunungstisil 85.68 274 P 06 27 18.0 -0.1

TJN Taejon 86.01 319 P 06 27 19.7 +0.6

CO02 Combarbal 86.05 125 P 06 27 19.4 -0.4

SHEM Shemya Is, Ala 86.16 355 LR 07 02 21.1

KSRS Korea Array 86.49 320 P 06 27 18.4 -3.0

LNJ2 La Paz 86.52 58 LR 06 59 56.7

NPJ2 Nanjing 88.00 311 eP 06 27 29.3 +0.4

VES Vestal, Richgr 88.57 44 P 06 27 32.3 +0.8

PEF0 Petropavlovsk- 88.76 346 P 06 27 31.1 -0.8

PETK Petropavlovsk- 88.76 346 P 06 27 31.1 -0.8

ISA Isabella, Lake 88.80 45 P 06 27 30.5 -1.4

ISA Isabella, Lake 88.80 45 P 06 27 32.5 -0.2

LRLM Laurel Mtn Rad 89.14 45 P 06 27 34.2 -0.2

BELC Belle Mtn, Jos 89.16 47 P 06 27 36.9 +2.4

BC3 Big Chuckawalk 89.27 48 P 06 27 36.4 +1.4

IRM Iron Mountain 89.79 48 P 06 27 39.8 +2.5

MDPB Devils Postpil 89.81 43 P 06 27 38.7 +1.1

YBH Yreka Blue Hor 90.74 38 LR 07 02 47.2

CN2 Changchun 92.41 323 P 06 27 49.3 +0.1

KDAK Kadiak 93.55 14 LR 07 03 12.9

TXAR Lajitas Array 94.40 58 LR 07 05 02.9

M14K Bethel 94.93 8 P 06 28 01.6 +1.2

PN18 Visiriv 95.39 115 P 06 28 03.7 -0.6

ANMO Albuquerque 95.83 52 LR 07 05 08.9

27d 7h

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Kurchatov, Bariahadia, Lanzhou, Zalesovo, etc.

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Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Minsk, Arta Tunnel, Tiksi, etc.

1710

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res, ISC. Includes stations like Green Lake, Matakao Point, etc.

JNU	Nakatsue	7.81 237	P	Pn	07 09 58.6	-0.7
NMR	Nemuro-Hokkai	7.84 41	eP	S	07 09 57.1	-2.4
NMR			iS	Pn	07 11 18.1	-1.0
RUSJ	Misakichio	8.15 35	eP	S	07 10 02.6	+0.8
RUSJ			iS	Pn	07 11 29.4	-5.7
USA0B	Ussuriysk Arra	8.29 324	P	Pn	07 10 05.3	-0.1
USA0B	Ussuriysk Arra	8.29 324	P	Pn	07 10 05.3	-0.1
USRK	Ussuriysk Ar.	8.29 324	P	Pn	07 10 05.6	+0.2
USRK	Ussuriysk Ar.	8.29 324	P	Pn	07 10 05.2	-0.2
USRK	Ussuriysk Ar.	8.29 324	P	Pn	07 10 05.2	-0.2
YUK	Yuzh-Kuril'sk	8.39 38	eP	S	07 10 04.8	-1.8
YUK			iS	Pn	07 11 32.8	-8.0
YUK			pmax	pmax		
YUK	comp=Z,174nm,0.4s					
YUK	comp=N,105nm,0.3s					
YUK	comp=E,86nm,0.5s					
KSRS	Korea Array	8.56 272	P	Pn	07 10 09.5	+0.6
KSAR	Wonju Array Be	8.59 272	P	Pn	07 10 09.2	-0.2
KSAR	Wonju Array Be	8.59 272	P	Pn	07 10 09.2	-0.2
KS19	Wonju Array Si	8.60 272	P	Pn	07 10 09.6	+0.1
TJN	Taejon	9.15 266	iP	P	07 10 16.4	+0.3
YSS	Yuzhno-Sakhali	9.79 171	eP	S	07 10 22.7	-2.0
YSS	Yuzhno-Sakhali	9.79 171	eP	S	07 10 22.9	-1.8
YSS			eS	Pn	07 12 07.4	-6.8
YSS			pmax	pmax		
YSS	comp=Z,30nm,0.9s					
YSS	comp=Z,100nm,2.6s					
YSS	comp=N,100nm,3.6s					
YSS	comp=E,100nm,2.5s					
KUR	Kuril'sk	10.24 39	P	Pn	07 10 30.9	+0.3
KUR			iS	Pn	07 12 21.1	-4.3
KUR			pmax	pmax		
KUR	comp=Z,41nm,0.9s					
KUR	comp=N,28nm,0.4s					
KUR	comp=E,40nm,0.4s					
JCJ	Chichijima	10.91 163	P	Pn	07 10 33.0	-6.4
JCJ	Chichijima	10.91 163	P	Pn	07 12 25.7	-1.6
JCJ	comp=E,81nm,0.4s,baz=300,slow=20,SNR=9.4					
JCJ	comp=E,61nm,0.3s,baz=318,slow=15,SNR=23					
BNX	BinXian	11.69 317	iP	P	07 10 33.9	-5.6
BNX			pmax	pmax	07 10 33.9	-5.9
KLR	Kul'dur	12.64 339	P	Pn	07 11 00.1	-1.0
KLR	Kul'dur	12.64 339	eP	S	07 11 00.7	-0.5
KLR			pmax	pmax		
KLR	comp=Z,7.3nm,0.6s,baz=208,slow=13,SNR=26					
TYV	Tymovskoe	13.52 11	eP	S	07 11 16.0	+1.3
TYV			eS	P	07 13 46.3	+3.6
TYV			pmax	pmax		
TYV	comp=Z,32nm,1.1s					
TYV	comp=Z,100nm,3.1s					
TYV	comp=E,200nm,1.8s					
TYV	comp=E,200nm,2.7s					
ZEZ	Zeya	17.94 337	eP	P	07 12 01.3	-2.0
ZEZ			pmax	pmax		
ZEZ	comp=Z,20nm,0.5s					
HILR	Hailar Array B	18.12 317	P	P	07 12 03.0	-2.4
HILR	XilinHaoTe	18.21 297	eP	S	07 12 05.0	-1.5
HILR			pmax	pmax		
HILR	comp=Z,5.9nm,0.4s,baz=120,slow=13,SNR=13					
XLT	XilinHaoTe	18.21 297	eP	S	07 12 05.0	-1.5
HNS	HongShan	19.03 277	iP	P	07 12 13.5	-1.7
HNS			S	P	07 15 34.5	-5.9
HNS			pmax	pmax		
HNS	comp=Z,18nm,0.8s					
HNS	comp=N,290nm,15.5s					
HNS	comp=E,490nm,16.8s					
HNS	comp=Z,390nm,18.0s					
PEA0B	Petrovskoye	20.34 34	P	P	07 12 29.1	0.0
PEA0B	Petrovskoye	20.34 34	P	P	07 12 29.1	0.0
PEA0B			pmax	pmax		
PEA0B	comp=Z,8.0nm,1.0s					
PETK	Petrovskoye	20.34 34	P	P	07 12 29.9	+0.8
PETK	Petrovskoye	20.34 34	P	P	07 12 29.5	+0.4
PETK	Petrovskoye	20.34 34	P	P	07 12 30.0	+0.8
HHC	Hu-hao-te	21.23 287	eP	S	07 12 38.3	-0.5
HHC			pmax	pmax		
HHC	comp=Z,5.5nm,0.9s					
LYN	LuoYang	21.40 270	P	P	07 12 42.8	+2.3
LYN			pmax	pmax		
LYN	comp=Z,25nm,0.9s					
MA2	Magadan	23.29 16	P	P	07 12 57.4	-0.6
MA2	Magadan	23.29 16	eP	S	07 12 59.4	+1.4
MA2			pmax	pmax		
MA2	comp=Z,33nm,1.3s					
YAK	Yakutsk	25.06 350	P	P	07 13 12.7	-1.3
YAK	Yakutsk	25.06 350	eP	S	07 13 12.9	-1.1
YAK			ePP	PP	07 13 50.3	-2.5
YAK			e	P	07 14 00.1	
YAK			eS	S	07 16 40.9	
YAK			eSS	SS	07 17 22.9	0.0
YAK			e	S	07 18 36.8	+2.1
YAK			e	S	07 23 49.9	
YAK	comp=Z,24nm,0.9s					
YAK	comp=N,9.0nm,1.0s					
YAK	comp=E,3.0nm,1.3s					
YAK	comp=Z,165nm,5.2s					
YAK	comp=N,66nm,3.8s					
YAK	comp=E,63nm,3.8s					
YAK	comp=N,42nm,4.2s					
ULN	Ulanbaatar	25.23 304	P	P	07 13 14.4	-1.5
ULN	Ulanbaatar	25.23 304	eP	S	07 13 17.0	
ULN	Ulanbaatar	25.23 304	eP	S	07 13 14.7	-1.2
ULN			pmax	pmax		
ULN	comp=Z,15nm,1.0s					
SOMM	Songino Array	25.66 304	P	P	07 13 18.5	-1.2
SOMM	Songino Array	25.66 304	P	P	07 13 17.9	-1.8
SOMM	Songino Array	25.66 304	P	P	07 13 17.9	-1.8
SOMM	Songino Array	25.66 304	P	P	07 13 17.9	-1.8
SOMM	Songino Array	25.66 304	P	P	07 13 17.9	-1.8
SEY	Seymchan	26.68 14	iP	P	07 13 30.6	+2.1
SEY			pmax	pmax		
LZH	Lanzhou	27.84 278	eP	S	07 13 39.3	-0.1
LZH			pmax	pmax		
LZH	comp=Z,18nm,1.3s					
TLY	Talaya	28.30 311	P	P	07 13 41.5	-1.7
TLY	Talaya	28.30 311	iP	P	07 13 43.8	+0.6
TLY			pmax	pmax		
PZH	PanZhiHua	33.03 261	P	P	07 14 25.5	+0.5
BILL	Bilibino	34.10 18	iP	P	07 14 38.1	+4.5
BILL			pmax	pmax		
BILL	comp=Z,17nm,1.6s					
TIXI	Tiksi	34.46 355	P	P	07 14 35.3	-1.4
TIXI			iAmb	iAmb	07 14 37.3	
TIXI			pmax	pmax		
TIXI	comp=Z,6.2nm,0.6s					
TIXI			eP	S	07 14 36.1	-0.5
DGZ	Jazztor, Alta	38.28 305	iP	P	07 15 08.6	-0.9
DGZ			pmax	pmax		

WMQ	Urumqi	38.63 296	eP	P	07 15 14.0	+1.6
ZAAO	Zalesovo Array	39.91 312	P	P	07 15 21.4	-1.2
ZAAO			iAmb	iAmb	07 15 22.8	
ZAAO	comp=Z,7.4nm,0.8s					
ZALV	Zalesovo Beam	39.91 312	P	P	07 15 21.7	-0.9
ZALV			PcP	PcP	07 17 23.3	+0.6
ZALV	comp=Z,2.5nm,0.6s,baz=191,slow=2.7,SNR=8.9					
ZALV	comp=Z,2.2nm,0.6s					
ZALV	Zalesovo Beam	39.91 312	P	P	07 15 22.1	-0.5
ZALV	Zalesovo Beam	39.91 312	iP	P	07 15 22.2	-0.5
ZALV			pmax	pmax		
ZALV	comp=Z,7.0nm,0.6s					
NRK	Nori'sk	41.82 336	iP	P	07 15 37.1	-0.9
NRK			pmax	pmax		
NRK	comp=Z,5.0nm,1.1s					
MK31	Makanchi Array	41.96 301	eP	P	07 15 38.9	-0.7
MKAR	Makanchi Array	41.96 301	P	P	07 15 38.7	-0.9
MKAR			PcP	PcP	07 17 30.9	0.0
MKAR	comp=Z,0.6nm,0.5s,baz=64,slow=1.9,SNR=2.1					
MKAR	comp=Z,3.6nm,0.6s					
MKAR	Makanchi Array	41.96 301	P	P	07 15 38.5	-1.1
KURK	Kurchatov	43.85 307	eP	P	07 15 54.1	-0.5
KURK	Kurchatov	43.85 307	eP	P	07 15 53.9	-0.7
KURK			pmax	pmax		
KURK	comp=Z,37nm,0.7s					
KURB	Kurchatov Arra	43.92 307	P	P	07 15 54.3	-0.8
KURB			pmax	pmax		
KURB	comp=Z,28nm,0.7s,baz=84,slow=8.2,SNR=211					
EVN	Everest	44.19 273	P	P	07 15 58.5	+0.1
EVN			iAmb	iAmb	07 15 59.2	
EVN	comp=Z,9.5nm,0.6s					
O15K	Ugalikthiuk R	44.24 40	P	P	07 15 58.8	+1.3
PDGK	Podgornoye	44.58 297	P	P	07 15 59.6	-1.0
PDGK	Podgornoye	44.58 297	P	P	07 15 59.7	-1.0
E18K	Tukpahtearik C	44.69 29	P	P	07 16 02.3	+1.3
E18K			iAmb	iAmb	07 16 34.1	
E18K	comp=Z,1.8nm,1.2s					
G18K	Tagagavik	45.23 31	P	P	07 16 06.5	+1.2
TARG	Taragay, Kyrgy	46.19 295	P	P	07 16 14.0	+0.3
TARG			iAmb	iAmb	07 16 14.9	
TARG	Taragay, Kyrgy	46.19 295	P	P	07 16 14.0	+0.3
TARG			pmax	pmax		
TARG	comp=Z,19nm,0.7s					
D20K	Etiuv River	46.37 27	P	P	07 16 15.7	+1.5
D20K			iAmb	iAmb	07 16 16.9	
D20K	comp=Z,10nm,0.8s					
BOOM	Boomsokoje uch	47.31 297	P	P	07 16 22.2	+0.2
BOOM			iAmb	iAmb	07 16 23.4	
BOOM	comp=Z,14nm,0.6s					
BOOM	Boomsokoje uch	47.31 297	P	P	07 16 22.2	+0.2
BOOM			pmax	pmax		
BOOM	comp=Z,14nm,0.6s					
TKM2	Tokmak 2	47.44 297	P	P	07 16 23.6	+0.5
TKM2			SNR=18			
KBK	Karagaybulak	47.97 297	P	P	07 16 27.5	+0.4
USP	Ospenovka	48.11 298	P	P	07 16 27.9	-0.2
USP			SNR=6.3			

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like HJH, JCJ, MJAR, PZH, LZH, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like FINES, BRTR, HFS, NB2, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other technical details. Includes stations like E19K, C19K, D23K, etc.

Table with columns: Station, Name, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like MG02 Cerro Sombrero, TRQA Torquist, TRQA Torquist, PLCA Paso Flores, etc.

Table with columns: Station, Name, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like JTS comp=Z,8.0nm,1.0s, MTO3 Monteiro, TBI Tubuai, etc.

Table with columns: Station, Name, Az, El, AzM, ElM, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN, AzE, ElE, AzS, ElS, AzW, ElW, AzN, ElN. Includes stations like YUK8 Steele Glacier, O28M Mount Upton, G30M Aoh Zraii Nji, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KDak Kodiak Island, NEALy Nenana, Talya Talya, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like D19K Kuna River, L17K Donlin, K17K Iditkuq, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like HAZ Te Kaha, PUKetiti, RAUKumara Rang, etc.

TEH 27 07:28:28.9, 27:59N, 57:81E, h0km, 23km, ML3.4, Presumed earthquake

DSN 27 07:28:31.2, 2, 2, 3, 27:37N, 58:07E, h10km, ML2.7/8, Error ellipse: s-maj=40.3km s-min=14.3km az=157.0

OMAN 27 07:28:34.0, 0.9, 27:26N, 57:91E, h10km, ml3.0/14, Error ellipse: s-maj=7.7km s-min=5.2km az=19.0

ISC 27 07:28:27.8, 1.5, 27:52N, 0:03, 57:94E, h0km, 13km, n37, c1968/52, Southern Iran

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like KHNU Kahnooj, IBND Bandar-abas, GENO Geno, etc.

IDC 27 07:43:10.0, 1.2, 52:55N, 170:17W, h0km, mb3.5/6, mbmp3.6/10, ML3.2/4, MS3.6/3, Error ellipse: s-maj=4.1, 7km s-min=1.8, 8km az=167.0

AEIC 27 07:43:13.2, 1.8, 52:44N, 0:1, 170:04W, 0:1, h8km, gkm, Error ellipse: s-maj=15.0, 1.4, 52:8N, 0:2, 170:22W, 0:09, h10km, 2km, ML3.5/14, ML3.1(AEIC), Error ellipse: s-maj=34.8km s-min=3.0km az=164.0

ISC 27 07:43:11.3, 2.1, 52:4N, 0:2, 170:04W, 0:06, h7km, 12km, n44, c1966/46, mb3.4/6, MS3.7/3, Fox Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like OKSP Okmok Steep, OKWE Okmok Wng Wal, OKNE Okmok New Cone, etc.

ASAR Alice Springs 90.09 230 P P 07 56 10.2 -1.5
comp=E,0.3nm,0.6s,baz=26,slow=4.5,SNR=4.2
comp=E,0.3nm,0.6s

DSN 27 07:47:51.4,0.8,31.67N;57.72E,h10km,ML3.1/7,Error ellipse: s-maj=26.0km s-min=7.6km az=96.0
IDC 27 07:48:00.7,1.1,30.51N;57.40E,h0km,mb3.8/11, mbmp3.8/15,ML3.5/4,MS3.4/1,Error ellipse: s-maj=25.6km s-min=18.2km az=170.0
TEH 27 07:48:00.9,30.71N;57.43E,h9km,30km,ML4.2, Presumed earthquake
THR 27 07:48:03.0,0.0,30.77N;57.35E,h10km,7km,ML4.1, Presumed earthquake

OMAN 27 07:48:05.2,0.1,30.57N;58.08E,h10km,mb3.3/6,ml3.5/2, Error ellipse: s-maj=4.4km s-min=2.6km az=310.0
ISC 27 07:48:04.2,0.6,30.72N;0.04;57.39E,0.04,h15km,n68, r154772,mb3.9/10,Northern and Central Iran

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

Table with columns: LALI, Alcalda de L, 0.49, 22, eP, Pn, 07 51 35.4 -0.2. Lists station names and their associated data points.

SJA 27 07:52:42.9,0.6,20.21S;70.97W,h18km,3km,ML4.8, MW4.8
MOS 27 07:52:42.9,1.6,20.23S;70.59W,h10km,mb5.1/13,Error ellipse: s-maj=14.8km s-min=9.2km,baz=99.7
VAO 27 07:52:43.0,0.5,20.02S;70.50W,h10km,mb4.9, Presumed earthquake
GUC 27 07:52:45.3,0.9,20.18S;70.75W,h10km,ML4.9
NEIC 27 07:52:45.3,20.20S;70.64W,h18km
NEIC 27 07:52:45.3,1.8,20.19S;0.04;70.63W,0.07,h18km,4km, mb5.0/40,Mw4.8/43,Mw4.9/15,Mw4.9(GUC),Error ellipse: s-maj=8.8km s-min=5.7km az=95.0, Moment Tensor Solution. Moment Tensor: Scale 10^16Nm; Mr1:1.34; Mr2:0.13; Mr3:1.21; Mo:0.29; M0:0.35; Mr:1.24; Fault plane solution: N1:84.0000;1016 NP1: 0.341,61000; 323,12000; 1.86,02000; NP2: 0.165,93000; 366,94000; 1.91,70000; Principal axes: T 1.8563,Plg68.0000; Azm79.0000; N -0.0279,Plg2.0000; Azm345.0000; P -1.8284,Plg22.0000; Azm255.0000;
GFZ 27 07:52:46.1,20.15S;70.66W,h26km,MW4.9,Moment Tensor Solution. s18 Moment tensor: Mr2:2.26; Mr0:0.64; Mr3:2.90; Mo:0.44; M0:0.20; Mr:0.87; Fault plane solution: NP1:0.65,0000; 855,0000; 1.76,0000; NP2:0.65,0000; 836,0000; 1.09,0000; Principal axes: T 2.4900,Plg75.0000; Azm35.0000; N 0.5700,Plg1.0000; Azm173.0000; P -3.0600,Plg9.0000; Azm265.0000;
NEIC 27 07:52:46.2,20.21S;70.60W,h25km
NEIC 27 07:52:48.8,20.21S;70.81W,h22km,Moment Tensor Solution. Duration: 1.66 Moment tensor: Scale 10^16Nm; Mr1:1.79; Mr2:1.13; Mr3:1.92; Mo:0.61; M0:0.54; Mr:1.55; Fault plane solution: Mo:2.55000;1016 NP1: 0.352,61000; 324,95000; 1.10,76000; NP2: 0.160,77000; 365,52000; 1.85,04000; Principal axes: T 2.4181,Plg69.0000; Azm61.0000; N 0.2456,Plg5.0000; Azm163.0000; P -2.6637,Plg20.0000; Azm255.0000;
IDC 27 07:52:48.3,2.9,20.09S;70.42W,h40km,25km,mb4.3/16, mbmp4.5/20,ML3.7/4,ML2.8/7,Error ellipse: s-maj=19.1km s-min=12.8km az=76.0
GCMT 27 07:52:49.3,0.3,20.19S;0.02;70.85W,0.02,h30km, MW5.0/91,Moment Tensor Solution. s51,c56; s91,c115; Duration: 0 Moment tensor: Scale 10^16Nm; Mr3:62.616; Mr0:4.04;10; Mr:3.23;11; Mo:0.62;11; M0:0.36;06; Mr:2.38;13; Best double couple: Mo:4.23800;1016 NP1:0.356,0000; 327,0000; 1.96,0000; NP2: 0.169,0000; 363,0000; 1.87,0000; Principal axes: T 4.4230,Plg72.0000; Azm71.0000; N -0.3690,

Table with columns: Code, Station Name, Az, Az', Op, Phase ID, Time, Res, ISC. Lists various stations and their associated data points, including detailed event information.

Table with columns: CUPUP, comp-Z, LR, LR, 08 02 07.5, and various station names like Villa Florida, Aquidauana, Amambai (Brazi), etc.

Table with columns: OK048, IAMB, IAMB, 08 03 01.6, and various station names like Neumayer Olymp, Binghamton, Neumayer-Watz, etc.

Table with columns: DAVOX, VAE, INK, AKASG, OBNSK, OBNSK, ANN, ANN, ERBR, ERBR, KIV, KIV, KBZ, KBZ, BILL, BILL, H11S2, H11S1, H11S3, H11N3, H11N2, H11N1, TIXI, TIXI, ARTI, ARTI, ARTI, ARTI, SEY, SEY, ASAR, Alice Springs, PEAOB, PETK, WRA, WRA, WRA, WRA, DGAR, DGAR, DGAR, BVAR, BVAR, KURBB, KURBB, KURBB, KURBB, ZALV, ZALV, KSH2, MK31, MKAR, MKAR, DGZ, KLR, HEH, IRK, IRK, CIT, CIT, KNGR, KNGR, TLY, TLY, TLY, ZAK, ZAK, USRK, USRK, HILR, HILR, MJAR, MJAR, WMQ, WMQ, WMQ, WMQ, BNX, BNX, BNX, SONM, SONM, ULN, ULN, ULN, KSR5, KSR5, KSR5, KSR5, G2A2, G2A2, G2A2, G2A2, HHC, HHC, NJ2, NJ2, NJ2, CD2, CD2, PZH, PZH, SJA 27 07:57:29.5:0.7, 34:84S:70:74W, h116km, 3km, M L3.8, GUC 27 07:57:30.9:0.6, 34:83S:70:74W, h112km, 2km, M L3.9, NEIC 27 07:57:30.9:0.7, 34:84S:0:05:70:69W:0.09, h104km, 10km, mb4.0, 0.7, ML3.9 Q/G. Error ellipse: s-maj=12.0km s-min=5.9km az=114.0, IDC 27 07:57:31.9:2.5, 34:82S:70:52W, h113km, 23km, mb3.4/5, mbmp3.8/8, Error ellipse: s-maj=37.8km s-min=15.4km az=96.0, ISC 27 07:57:31.0:0.7, 34:82S:0:03:70:73W, h108km, 5km, n89, 0:564/113, mb3.8/4, 5C, Chile-Argentina border region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

NNC 27 10:38:35.0±2.5, 40.34N:77.59E, h0km, mb3.5, mpv3.1, Error ellipse: s-maj=16.7km s-min=11.6km az=166.0

SOME 27 10:38:35.8±2.6, 40.34N:77.50E, h0km

KRNET 27 10:38:37.2±0.1, 40.46N:77.56E, h20km, mb3.0

ISC 27 10:38:33.7±2.6, 40.3N:01:17.77E, h10km, n35, ±134/55, 11C-9D, Kyrgyzstan-Xinjiang border region

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.

TAP 27 10:39:01.1, 24.97N:122.20E, h133km, 1km, ML2.8, D, Taiwan region

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

JMA 27 10:39:38.4±0.2, 24.8N:07:123.4E:0.2, h28km, MV1.3/7, NW OFF ISHIGAKIJIMA IS, Southwestern Ryukyu Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

MAN 27 10:42:19.0±4.48N:127.53E, h10km, MS3.1, IDC 27 10:42:22.1±2.4, 4.86N:126.83E, h0km, mb3.4/3, mbmtpp3.4/3, Error ellipse: s-maj=177.6km s-min=29.8km az=61.0, Talaud Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

ISC 27 10:43:51.8±0.4, 12.86S:0.05±166.76E:0.06, h100km, n164, ±193/159, mb4.5/5.4, 4C, Santa Cruz Islands

Table with columns: Code, Station Name, Azimuth, Elevation, Frequency, Bandwidth, Modulation, and other technical details for various stations.

Table with columns: CDF, Station Name, Time, Res, ISC, Phase ID, and various station codes. Includes entries like Champ du Feu, La Plagne, Estremoz, etc.

HEL 27 11:09:17.2±0.3, 67.57N±30.47E, h0km, ML1.6, Explosion BER 27 11:09:21.3±1.2, 67.59N±30.08E, h0km, ML1.6(HEL), Suspected explosion

KOLA 27 11:09:18.1, 67.54N±30.46E, h0km, ML2.1, Error ellipse: s-maj=3.5km s-min=2.1km az=40.0, Kovdor City, Mines, Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, and various station codes. Includes entries like VRF, APAO, RAUF, etc.

KOLA 27 11:10:05.0±0.5, 67.44N±0.03±0.2E, 0.1, h0km, M2.3(MOS), The earthquakes of Russia in 2020. Obninsk, GS RAS, 2022., Baltic States-Belarus-Northwestern Russia

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, and various station codes. Includes entries like APAO, KVDA, LVZ, etc.

AZER 27 11:15:46.6, 38°51'N, 44°98'E, h20km, ml2.5 TEH 27 11:15:48.2, 38°38'N, 45°02'E, h20km, 78km, ML2.8, Presumed earthquake AFAD 27 11:15:48.0, 38°36'N, 44°85'E, h10km±15km, ML2.1

ISC 27 11:15:47.8±1.2, 38°39'N, 0°03:44.98E±0.02, h13km±10km, n17, ±121/31, Turkey-Iran border region

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, and various station codes. Includes entries like ISHB, IMRD, OZAP, etc.

ISC 27 11:20:18.3±2.0, 33°22'S±177°88W, h0km, mb3.8/3, mbmp3.9/4, ML3.2/1, Error ellipse: s-maj=47.5km s-min=38.7km az=61.0

ISC 27 11:20:23.1±1.4, 33°33'S±177°9W, 0.2, h34km, n7, ±072/8, mb3.8/3, 2003 of Kermadec Islands

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, and various station codes. Includes entries like URZ, ASAR, WRA, etc.

NEIC 27 11:21:31.6±1.2, 37°20'N±0°07:71.73E±0.10, h130km, 3km, mb4.4/7, Error ellipse: s-maj=11.0km s-min=9.7km az=97.0

ISC 27 11:21:34.0±7.9, 37°32'N±71°95E, h138km±53km, mb3.3/6, mbmp3.8/2, ML3.6/2, Error ellipse: s-maj=66.0km s-min=26.9km az=7.0

NCC 27 11:21:35.0±5.6, 37°43'N±71°58E, h114km±89km, mb3.8, mp4.5, Error ellipse: s-maj=60.3km s-min=42.5km az=137.0

ISC 27 11:21:31.2±0.6, 37°13'N±0°05:71.93E±0.07, h142km, m64, ±232/73, mb3.7/8, 3C-1D, Afghanistan-Tajikistan border

Table with columns: Code, Station Name, Time, Res, ISC, Phase ID, and various station codes. Includes entries like MANEM, GAR, CHR, etc.

ISC 27 11:25:51.2±0.8, 47°52'N±0°02:123°64W, 0.02, h33km±2km, n131, ±08/177, mb3.6/5, Washington

Large table with columns: Station Name, Time, Res, ISC, Phase ID, and various station codes. Includes entries like USP, TARG, WUHY, etc.

27d 12h

Table with columns: Station Name, Code, Time, Res, ISC, h, m, s, ISC. Includes stations like Lebam, Skagit Valley, Rader Ridge, North Saanich, etc.

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Table with columns: Station Name, Code, Time, Res, ISC, h, m, s, ISC. Includes stations like Willamette Mer, Summer Lake, Klamath Falls, etc.

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Table with columns: Station Name, Code, Time, Res, ISC, h, m, s, ISC. Includes stations like San Juan, Interuniversit, Patillas Dam, etc.

IDC 27 11:52:52.5-14.0, 19.83N:103.92W, h0km, mb3.0/3, mbtmp3.1/3, MS3.0/2, Error ellipse: s-maj=361.2km s-min=184.5km az=108.0, Jalisco

ANMO Albuquerque 15.23 352 LR P 12 02 16.0
PDAR Pinedale Array 23.36 349 P 11 58 02.9 +0.1

YBH Yreka Blue Hor 27.04 328 LR LR 12 09 11.6
YKA Yellowknife Arr 43.27 353 P 12 00 55.2 -0.2

ILAR Eielson Array 53.14 339 P 12 02 11.7 0.0

H03N2 Juan Fernandez 58.09 155 T 13 08 33.1
H03N1 Juan Fernandez 58.10 155 T 13 08 27.0

H03N3 Juan Fernandez 58.11 155 T 13 08 26.5

NEIC 27 12:04:06.1±1.4, 0.52N:0.09W:123.59E:0.08, h246km, 8km, mb4.3/44, Error ellipse: s-maj=13.8km s-min=11.9km az=196.0

IDC 27 12:04:07.0±1.6, 0.43N:123.49E, h270km±16km, mb3.8/19, mbtmp4.4/21, Error ellipse: s-maj=21.8km s-min=7.7km az=72.0

DJA 27 12:04:07.5±0.3, 0.0N:3.12E, h235km, 3km, M4.3/31, mb4.6/2, mb4.0/8, MLV4.4/31, Mw/1.9/2.2

ISC 27 12:04:06.0±0.4, 0.46N:0.05E:123.61E:0.05, h264km, n96, c1527/102, mb4.2/39, Minahassa Peninsula, Sulawesi

Code Station Name Δ° AZ° Phase ID Time Res ISC h m s ISC

Table with columns: Station Name, Code, Time, Res, ISC, h, m, s, ISC. Includes stations like GTOI Gorontalo, MANI Manado, LUWI Luwuk, etc.

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like Tenmabayashi, Ussuriysk Arra, Ussuriysk Ar., etc.

IDC 27 12:21:58.21.5,35.26N:81.14E, h0km, mb3.4/5, mbmp3.5/7.9, ML3.1/4, MS3.2/3, Error ellipse: s-maj=50.9km s-min=17.5km az=63.0

ISC 27 12:22:00.51.2,35.5N:01:81.4E:0.3, h10km, n14, s=142/10, mb3.5/5, MS3.4/3, Southern Xinjiang

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

IDC 27 13:01:12.6:0.7, 81.44N:82.74W, h0km, mb3.7/13, mbmp3.8/18, ML4.0/5, MS3.0/9, Error ellipse: s-maj=20.9km s-min=13.0km az=140.0

OTT 27 13:01:14.2:0.2, 81.57N:83.52W, h18km, ML4.1/7, 111km west from Tanquary Camp, Nu Sverdrup Seismic Zone, ISC 27 13:01:13.1:0.5, 81.32N:0.0683, 06W:0.05, h10km, n46, s=318/55, mb3.6/12, MS3.0/8, 1D, Queen Elizabeth

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like TULEG Thule, NEEM North Greenland, RES Resolute Bay, etc.

IDC 27 13:07:21.9:1.9, 26.53S:67.97E, h0km, mb3.8/4, mbmp3.8/4, Error ellipse: s-maj=52.0km s-min=38.7km az=99.0, Indian Ocean Triple Junction

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like H08S1 Diego Garcia H, H08S2 Diego Garcia H, etc.

IDC 27 13:19:36.0:3.0, 7.27N:135.90E, h0km, mb3.7/7, mbmp3.7/7, MS3.2/4, Error ellipse: s-maj=176.3km s-min=18.4km az=75.0

ISC 27 13:19:40.9:3.2, 7.3N:0.4:13.6E, h35km, n14, 0644/7, mb3.7/7, MS3.3/3, Western Caroline Islands

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

NOU 27 13:49:16.9, 19.05S:168.74E, h0km, MLV3.7/11, Vanuatu

IDC 27 13:49:21.2:8.3, 18.46S:167.44E, h75km, 56km, mb3.7/4, mbmp3.9/5, ML2.9/1, Error ellipse: s-maj=66.7km s-min=33.3km az=46.0

ISC 27 13:49:19.2:6.2, 19.05S:01:168.8E:0.1, h35km, n15, s=080/13, mb3.9/4, Vanuatu Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MARNC Mare, Loyalty, MARNC Mare, Loyalty, etc.

NOU 27 14:11:54.9, 22:88S:179.93E, h530km, mb4.3/14, South of Fiji Islands

IDC 27 14:11:59.6:1.9, 23.46S:179.55E, h563km, 19km, mb3.2/7, mbmp4.1/10, Error ellipse: s-maj=24.7km s-min=16.3km az=90.0

ISC 27 14:11:59.0:0.8, 23.45S:01:179.94E:0.1, h550km, n44, s=205/34, mb3.6/7, South of Fiji Islands

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MSVF Nonsau, DZM Mont Dzumac, URZ Urewera, etc.

27d 20h

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MLH2.5/4
ISC 27 19:40:15.0±1.3, 33.57N, 0°05:28.46E, 0.05, h10km, n74,
c=248/108, Eastern Mediterranean Sea

ISC 27 20:07:11.3±1.5, 30°20'S, 0°03:72.25W, 0.04, h2km, gkm,
n98, c186/130, mb4.2/6, 1C-5D, Off coast of central
Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like KARP Karpathos, ZKR Zakros, CSNet OBS 1, etc.

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like CO06 Fray Jorge, G004 Tololo Observa, LCO Las Campanas, etc.

MT08 Bocatoma Ro 3.75 150 eP Pn 20 08 12.8 ±2.4
MT08 eS Sn 20 08 59.1 ±3.8
MT08 IAML 20 09 16.3

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like ASAL Salagasta, VCA Vinchina, BO04 La Punta, etc.

Presumed earthquake
OMAN 27 20:17:05.1±1.1, 27.49N, 55.62E, h19km, 27km, mb3.5/5,
Error ellipse: s-maj=24.0km s-min=5.6km az=176.0

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Op, ISC, Time Res, h m s, ISC. Includes stations like IBND Bandar-abas, SHME Shamm, SHME Shamm, etc.

SJA 27 20:07:08.5±1.4, 30°13'S, 72°39'W, h12km, 6km, ML3.9,
MW3.9

IDC 27 20:07:12.0±1.2, 30°16'S, 72°25'W, h0km, mb3.8/3,
mbmp3.8/7, ML3.7/4, MS3.1/1, Error ellipse: s-maj=32.6km
s-min=24.9km az=48.0

NEIC 27 20:07:12.6±1.4, 30°17'S, 0°03:72.17W, 0.05, h11km, 3km,
mb4.3/3, Mw3.9/54, ML3.8(GUC), Error ellipse:
s-maj=6.0km s-min=4.3km az=72.0

NEIC 27 20:07:12.4, 30°16'S, 72°18'W, h10km
GUC 27 20:07:13.2±0.6, 30°22'S, 72°20'W, h33km, 3km, ML3.8

MT09 Talagante 3.73 164 eP Pn 20 08 10.3 ±0.3
MT09 Talagante 3.73 164 eP Pn 20 08 10.3 ±0.3

MT09 Talagante 3.73 164 eP Pn 20 08 10.3 ±0.3
MT09 Talagante 3.73 164 eP Pn 20 08 10.3 ±0.3

MT09 Talagante 3.73 164 eP Pn 20 08 10.3 ±0.3
MT09 Talagante 3.73 164 eP Pn 20 08 10.3 ±0.3

MT09 Talagante 3.73 164 eP Pn 20 08 10.3 ±0.3
MT09 Talagante 3.73 164 eP Pn 20 08 10.3 ±0.3

ARQ IMEHR 4.04 349 eP Pn 20 08 57.7 ±3.4
ARQ ARQ SNR=11 4.16 167 P Pn 20 09 05.7 ±2.3

ARQ IMEHR 4.04 349 eP Pn 20 08 57.7 ±3.4
ARQ ARQ SNR=11 4.16 167 P Pn 20 09 05.7 ±2.3

ARQ IMEHR 4.04 349 eP Pn 20 08 57.7 ±3.4
ARQ ARQ SNR=11 4.16 167 P Pn 20 09 05.7 ±2.3

ARQ IMEHR 4.04 349 eP Pn 20 08 57.7 ±3.4
ARQ ARQ SNR=11 4.16 167 P Pn 20 09 05.7 ±2.3

Table with columns: BRTR, Keskin Array B, 21.92 310 P, P, 20 21 59.1 +1.2, 0.9nm, 0.7s, b,az=127,slow=13,SNR=5.5

MDD 27-20:18:51.8-0.7, 36:67N-11:34W, h27km, 10km, Mb4.2/18, M, mb3.6/18, Error ellipse: s-maj=8.3km s-min=3.6km az=68.0

CNRM 27-20:18:52.9, 36:51N-11:12W, h21km, ML2.8 INMG 27-20:18:54.6, 1.3, 36:68N-11:19W, h36km, ML2.7, Error ellipse: s-maj=4.3km s-min=2.5km az=87.0

#DIST_RANGE: REGIONAL #PMA_REGION: Gorringe IGL 27-20:18:55.0, 36:67N-11:18W, h31km, ML2.4 ISC 27-20:18:52.0, 1.6, 36:72N-0.0, 11:18W, 0.06, h35km, n94, #1567/169, 16C, Azores-Cape St. Vincent Ridge

Main table for station 1733 with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Main table for station 32 with columns: PCAS, Casnilo, Conde, 3.94 32 eP, Pn, Sn, 20 19 51.8 +1.7, 0.9nm, 0.7s, b,az=127,slow=13,SNR=5.5

Table for station 21 with columns: Presumed earthquake, ISC 27-20:39.9, 2.0, 13.98N-0.07, 91.61W, 0.07, h12km, 11km, n32, e-1934/52, Near coast of Guatemala

NOU 27-20:39:05.7, 15:74S:168:68E, h0km, mb4.5/7, Vanuatu Islands

IDL 27-20:39:07.8-9.9, 15:45S:166:97E, h98km, 131km, mb3.5/3, mbmp3.8/4, ML3.6/1, MS3.3/1, Error ellipse: s-maj=27.2km s-min=64.0km az=86.0

ISC 27-20:39:05.0-3.5, 15:55S:162:168E, 0.3, h150km, n11, e272/11, mb3.8/3, Vanuatu Islands

Main table for station 21 with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC

IDL 27-20:39:27.4-3.2, 15:01S:176:94W, h382km, 29km, mb3.1/4, mbmp3.8/5, Error ellipse: s-maj=36.4km s-min=29.8km az=137.0

ISC 27-20:39:29.1-1.1, 15:05S:177:170E, 0.3, h400km, n6, e1502/6, mb3.4/4, Fiji Islands

CFUSG 27-21:00:10.0, 44:15N-39:91E, h10km, Mb2.2/4, MD3.1/4, MSH2.3/4

IDL 27-21:00:11.5, 1.5, 44:08N:39:30E, h0km, mbmp3.2/3, ML2.8/3, Error ellipse: s-maj=31.7km s-min=13.1km az=169.0

MOS 27-21:00:13.0, 0.4, 95N-39:48E, h7km, MPVA3.8 ISC 27-21:00:13.2, 0.8, 43.97N:0.03-39.50E:0.02, h6km, 6km, n34, e-1523/61, Western Caucasus

Main table for station 21 with columns: Code, Station Name, Az, Az', Phase ID, Op, ISC, Time, Res, h, m, s, ISC

Table with columns: Code, Station Name, Az, Op, Phase ID, ISC, Time, Res, ISC. Includes stations like LPIG, TXAR, QSPA, QSPA, LPAZ.

MOS 27.21:35:53.9, 0.9, 51.176N, 177.82E, h55km, mb4.5/20, Error ellipse: s-maj=24.0km s-min=10.2km az=115.5

Code Station Name Az Az' Phase ID Op ISC Time Res ISC

Main table of station data for the 27-day period, including station names, coordinates, and seismic activity.

Main table of station data for the 2020 June period, including station names, coordinates, and seismic activity.

Main table of station data for the 1736 period, including station names, coordinates, and seismic activity.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PATR El Naranjo, PAVE Pavencul, CHUJ Union Juarez, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like SJS3 Mercedes San J, CORON Coronado, AMPA Desamparados, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like ESL Shilin, ESL Tachien, TWT Tachien, etc.

IDC 27 22:14:33.1z, 2.3, 20.565z, 178.31W, h540km, 2.2km, mb3.1/7, mbtmp3.9/8, Error ellipse: s-maj=3.4, 3km s-min=19.1, 1km az=142.0

ISC 27 22:14:34.5, 0.8, 20.55z, 0.2, 178.5W, 0.2, h550km, n14, z=17/15, mb3.6/7, Fiji Islands region

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

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CARN Rivas, OCHAL Ojochal, OCHAL Acopyapa, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STYH Taoyuan, STYV Taoyuan, SLGT Liugui, etc.

UCR 27 22:16:41.5, 0.8, 10.47N, 84.61W, h106km, 7km, MW4.1, Presumed earthquake

CATAC 27 22:16:42.1, 0.3, 10.1N, 83.85W, h97km, 3km, M3.9/2.0, MLV3.9/2.0, Error ellipse: s-maj=2.6km s-min=2.6km az=46.8, confirmed

UPA 27 22:16:43.3, 2.0, 10.40N, 84.41W, h10km, 19km, MD4.0, MW4.3, Presumed earthquake

ISC 27 22:16:41.7, 1.2, 10.43N, 0.04, 84.60W, 0.04, h109km, 6km, n134, z=68/154, 12C-11D, Costa Rica

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like VACR Volcan Arenal, CEDE Laguna Cedero, ARE1 Arenal 1, etc.

TAP 27 22:22:35.8, 24.29N, 121.83E, h40km, ML2.5, B, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like EHP Heping Village, EHP Heping, EAHA Aohua, etc.

TAP 27 22:22:47.0, 23.04N, 120.84E, h5km, ML1.4, C, Taiwan

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like STYH Taoyuan, STYV Taoyuan, SLGT Liugui, etc.

ASRS 27 22:28:28.3, 0.2, 50.6N, 0.7, 87.5E, 0.9, h21km, 2km, MLh, 0.20, Error ellipse: s-maj=2.1km s-min=1.5km az=69.8, confirmed

NINC 27 22:28:34.4, 1.3, 50.64N, 87.12E, h0km, mb4.2, mpv3.8, Error ellipse: s-maj=1.1, 1km s-min=5.8km az=107.0

ISC 27 22:28:29.1, 2.0, 61.0N, 0.02, 87.43E, 0.03, h1km, n11km, n32, z=93/63, 12C-8D, Southwestern Siberia

IDC 28.00:32.6:8.9, 20.995S:68.39W, h193km, 60km, mb3.6/3, mbtmp4.0/4, Error ellipse: s-maj=93.5km s-min=44.6km az=27.0, Chile-Bolivia border region

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
LPAZ	La Paz	4.68	3	Op	00 26 43.4	-0.1
LPAZ	La Paz	1.4nm, 0.3s, baze=181, slow=5.7, SNR=28		S		
DBIC	Dimbokro	68.12	73	P	00 36 13.9	+1.8
TORD	Torodi Ar. Bea	76.73	70	P	00 37 01.5	-1.5
YKA	Yellowknife Ar	90.87	340	P	00 38 13.8	+0.2

MAN 28.00:32:59.0, 7:67N: 126:59E, h34km, MS4.1
 MAN INTENSITY III - BANGAGA DVAVO ORIENTAL
 DJA 28.00:33:00.6:1.4, 8.1N, 13.127E, h10km, MA.8/18,
 mb4.9/18, mb5.3/13, MLV5.0/11, Mw(mb)4.7/13
 IDC 28.00:33:02.7:1.3, 7.59N:126:48E, h82km, 11km, mb3.7/19,
 mbtmp4.1/21, MS3.0/7, Error ellipse: s-maj=19.9km
 s-min=9.2km az=78.0
 NEIC 28.00:33:02.7:1.8, 7.62N:0:09:126:53E, 0:08, h8km, 7km,
 mb4.5/36, Error ellipse: s-maj=12.5km s-min=11.9km
 az=197.0

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
BIPH	Bistil	0.60	331	Op	00 33 11.3	-2.1
BIPH	Bistil	0.60	331	iP	00 33 11.3	-2.1
DAV	Davao City (W)	1.21	242	P	00 33 18.9	-4.0
DAV	Davao City (W)	1.21	242	P	00 33 22.1	+1.0
DAV	Davao City (W)	1.21	242	Pn	00 33 22.0	+0.8
DAV	Davao City (W)	1.21	242	S	00 33 22.0	+0.8
DMPH	Davao City-Mi	1.27	244	iP	00 33 22.8	+0.9
DMPH	Davao City-Mi	1.27	244	iP	00 33 22.8	+0.9
TSSP	Tandag City	1.45	342	eS	00 33 23.5	-0.8
TSSP	Tandag City	1.45	342	eS	00 33 23.5	-0.8
KCP	Kidapawan	1.68	248	eP	00 33 27.0	-0.4
KCP	Kidapawan	1.68	248	eP	00 33 27.0	-0.4
CGP	Cagayan de Oro	2.10	292	iP	00 33 32.8	-0.3
CGP	Cagayan de Oro	2.10	292	iP	00 33 32.8	-0.3
GSPH	General Santos	2.30	228	iP	00 33 35.1	-0.9
GSPH	General Santos	2.30	228	iP	00 33 35.1	-0.9
SCPH	Surigao	2.41	332	eS	00 34 02.4	+1.5
SCPH	Surigao	2.41	332	eS	00 34 02.4	+1.5
CTBH	Cotabato-PC H	2.43	260	iP	00 33 36.9	-0.6
CTBH	Cotabato-PC H	2.43	260	iP	00 33 36.9	-0.6
DCPH	Dipolog City	3.40	286	iP	00 33 52.2	+1.3
DCPH	Dipolog City	3.40	286	iP	00 33 52.2	+1.3
TBP	Tagbilaran	3.42	306	iP	00 34 33.8	+3.9
TBP	Tagbilaran	3.42	306	iP	00 34 33.8	+3.9
LLP	Lapu-Lapu	3.75	315	eP	00 33 56.7	-1.4
LLP	Lapu-Lapu	3.75	315	eP	00 33 56.7	-1.4
SNPH	Sibulan	3.77	297	eS	00 33 58.0	-2.5
SNPH	Sibulan	3.77	297	eS	00 33 58.0	-2.5
PLP	Palo	3.86	335	eP	00 33 57.5	+0.4
PLP	Palo	3.86	335	eP	00 33 57.5	+0.4
SGSI	Sangihe	4.10	196	P	00 34 02.4	+1.9
SGSI	Sangihe	4.10	196	P	00 34 02.4	+1.9
RCP	Roxas	5.47	316	eP	00 34 20.1	+0.8
RCP	Roxas	5.47	316	eP	00 34 20.1	+0.8
GAMI	Galela, Maluku	5.89	169	P	00 34 25.4	+0.4
GAMI	Galela, Maluku	5.89	169	P	00 34 25.4	+0.4
MNI	Manado	6.43	196	P	00 34 33.8	+1.4
MNI	Manado	6.43	196	P	00 34 33.8	+1.4
TNTI	Ternate	6.87	174	Pn	00 34 39.0	+0.5
TNTI	Ternate	6.87	174	Pn	00 34 40.0	+1.5
GTOI	Gorontalo	7.86	208	P	00 34 53.1	+1.1
GTOI	Gorontalo	7.86	208	P	00 34 53.1	+1.1
LOP	Lubuk	8.15	322	eP	00 35 00.2	+4.1
LOP	Lubuk	8.15	322	eP	00 35 00.2	+4.1
TGTY	Tagaytay City	8.52	319	LR	00 39 16.8	
TGTY	Tagaytay City	8.52	319	LR	00 39 16.8	
TOLIZ	Toiloli	8.75	222	P	00 35 02.1	-2.0
TOLIZ	Toiloli	8.75	222	P	00 35 02.1	-2.0
LUWI	Luwuk	9.47	204	P	00 35 15.5	+1.5
LUWI	Luwuk	9.47	204	P	00 35 15.5	+1.5
LUWI	Luwuk	9.47	204	P	00 35 16.6	+2.6
SIJ	Sorong	9.63	151	P	00 35 17.1	+0.8
SIJ	Sorong	9.63	151	P	00 35 17.1	+0.8
SIJ	Sorong	9.63	151	P	00 37 01.0	-2.1
SIJ	Sorong	9.63	151	P	00 37 01.0	-2.1
SIJ	Sorong	9.63	151	P	00 37 47.5	
SIJ	Sorong	9.63	151	P	00 37 47.5	
SIJ	Sorong	9.63	151	P	00 35 17.9	+1.6
SIJ	Sorong	9.63	151	P	00 35 17.9	+1.6
SANI	Sanana	9.66	184	P	00 35 15.8	-0.9
SANI	Sanana	9.66	184	P	00 35 15.8	-0.9
NLAI	Namlea	10.83	178	P	00 35 34.2	+1.6
NLAI	Namlea	10.83	178	P	00 35 34.2	+1.6
KRANG	Karang Ratu	11.04	171	P	00 35 38.8	+3.3
KRANG	Karang Ratu	11.04	171	P	00 35 38.8	+3.3
FAKI	Fak Fak	11.89	152	Pn	00 35 48.7	+1.5
FAKI	Fak Fak	11.89	152	Pn	00 35 48.7	+1.5
KAPI	Kappang	14.35	209	LR	00 41 44.9	
KAPI	Kappang	14.35	209	LR	00 41 44.9	
SOEI	Soe	17.46	188	Iamb	00 37 00.4	+0.5
SOEI	Soe	17.46	188	Iamb	00 37 40.1	
BATI	Baumta	17.99	190	P	00 37 05.2	-1.0
BATI	Baumta	17.99	190	P	00 37 05.2	-1.0
MTN	Montan Dam	20.84	168	P	00 37 37.7	+0.4
MTN	Montan Dam	20.84	168	P	00 38 03.3	
KNRA	Kunurra	23.27	175	P	00 38 02.9	0.0
KNRA	Kunurra	23.27	175	P	00 38 06.4	
FITZ	Fitzroy Crossi	25.61	182	P	00 38 23.8	-0.3
FITZ	Fitzroy Crossi	25.61	182	P	00 41 54.1	+0.2
FITZ	Fitzroy Crossi	25.61	182	P	00 38 24.6	+0.5
FITZ	Fitzroy Crossi	25.61	182	P	00 38 27.7	+0.7
COEN	Coen	27.02	143	P	00 38 43.6	+1.0
COEN	Coen	27.02	143	P	00 39 08.5	
ENH	Enshi	27.67	327	Iamb	00 39 08.5	
ENH	Enshi	27.67	327	Iamb	00 39 08.5	
WB0	Warramunga Arr	28.29	164	P	00 38 48.0	-0.3
WB0	Warramunga Arr	28.29	164	P	00 38 49.7	0.0
WRA	Warramunga Arr	28.45	165	P	00 42 01.1	+0.3
WRA	Warramunga Arr	28.45	165	P	00 43 30.9	-2.1
WRA	Warramunga Arr	28.45	165	P	00 38 49.6	-0.1
WRA	Warramunga Arr	28.45	165	P	00 38 55.8	+1.1
CMAR	Chiang Mai Arr	29.01	294	P	00 51 39.7	
CMAR	Chiang Mai Arr	29.01	294	P	00 38 54.0	-0.7
INU	Inuyama	29.16	18	P	00 38 55.9	+0.1
INU	Inuyama	29.16	18	P	00 39 06.7	
KSR5	Korea Array	29.69	2	P	00 39 02.7	+2.2
KSR5	Korea Array	29.69	2	P	00 51 03.3	
MJAR	Matsushiro Arr	30.63	18	P	00 39 10.3	+1.5
MJAR	Matsushiro Arr	30.63	18	P	00 51 39.1	
ASAR	Alice Springs	31.93	167	P	00 39 21.1	+0.7
ASAR	Alice Springs	31.93	167	P	00 42 10.4	
CTA	Charters Tower	33.65	145	LR	00 53 24.2	
CTA	Charters Tower	33.65	145	LR	00 53 24.2	
USRK	Ussuriysk Arr	36.70	6	P	00 40 02.3	+1.4
USRK	Ussuriysk Arr	36.70	6	P	00 40 02.1	+0.7
JRKA	Kamikawa-asahi	38.90	18	P	00 40 20.3	+0.3
JRKA	Kamikawa-asahi	38.90	18	P	01 23 51.3	

Code	Station Name	Δ°	AZ°	Phase ID	Time Res	ISC
H11S1	WAKE ISLAND Hy	40.38	70	T	01 23 52.2	
H11S2	WAKE ISLAND Hy	40.38	70	T	01 23 50.7	
EIDS	Eidsvold	40.53	145	P	00 40 33.7	-0.1
H11N1	WAKE ISLAND Hy	40.78	69	T	01 24 17.9	
H11N2	WAKE ISLAND Hy	40.79	69	T	01 24 19.0	
H11N3	WAKE ISLAND Hy	40.79	69	T	01 24 18.4	
BBO0	Buckiebloo	41.22	168	P	00 40 39.9	+0.5
STKA	Stephens Creek	41.82	161	P	00 40 45.1	+0.9
SOMM	Songino Array	43.59	340	P	00 40 59.4	+0.8
SOMM	Songino Array	43.59	340	P	00 40 58.4	-0.2
ARMA	Armidale	44.80	149	P	00 41 08.3	-0.2
TOO	Tooolang	45.81	160	P	00 41 36.6	+0.8
PEAOB	Petrovlovsk-	46.26	130	P	00 42 03.8	+1.4
PEAOB	Petrovlovsk-	46.26	130	P	00 42 03.5	+1.1
PETK	Petrovlovsk-	51.86	23	P	00 42 03.7	+1.3
MKAR	Makanchi Arr	54.34	324	P	00 42 20.4	-0.4
MKAR	Makanchi Arr	54.34	324	P	00 42 23.0	-1.1
MKAR	Makanchi Arr	54.34	324	P	00 42 19.9	-0.9
PDGK	Podgornoye	54.39	319	P	00 42 21.6	+0.2
MAKZ	Makanchi	54.53	324	P	00 42 21.4	-0.7
MAKZ	Makanchi	54.53	324	P	00 42 23.8	
NIL	Nilore	55.53	306	P	00 42 29.6	-0.1
NIL	Nilore	55.53	306	P	00 42 45.3	
ZALV	Zalesovo Beam	57.09	332	P	00 42 39.5	-0.9
ZALV	Zalesovo Beam	57.09	332	P	00 42 39.3	-1.1
KURK	Kurchatov	58.43	326	P	00 42 48.5	-1.3
KURK	Kurchatov	58.43	326	P	00 43 04.2	
KURB	Kurchatov Arra	58.44	326	P	00 42 48.9	-0.9
KURB	Kurchatov Arra	58.44	326	P	00 42 48.9	-0.9
KKAR	Karatay Array	60.36	316	P	00 43 02.5	-0.7
BVAR	Borovoye Array	64.03	326	P	00 43 27.3	-0.3
BVAR	Borovoye Array	64.03	326	P	00 43 27.3	-0.3
BORK	Borovoye	64.07	326	P	00 43 26.6	-1.3
BORK	Borovoye	64.07	326	P	00 43 29.4	
BKZ	Black Stump Fm	65.56	139	P	00 43 37.7	-0.2
AB31	Abkukal Arr	69.10	320	P	00 43 58.7	-1.3
ABKAR	Abkukal Arr	69.10	320	P	00 43 58.8	-1.2
CASY	Casey	74.68	187	P	00 44 32.7	-0.3
CASY	Casey	74.68	187	P	00 44 34.2	
M16K	Timber Creek	75.79	29	P	00 44 39.6	0.0
E18K	Tukpahleir C	76.27	32	P	00 44 43.2	+0.4
O18K	Koktuh Hills	77.46	30	P	00 44 49.5	+0.5
O18K	Koktuh Hills	77.46	30</			

28d 2h

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, H m s, ISC. Includes stations like BDFB, PMNB, ITTB, etc.

JMA 28 01:40:04.1-0.1, 33.1N;0.2x132.1E;0.2, h47km, MV2.7/39, BUNGO CHANNEL

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, H m s, ISC. Includes stations like JUS, JSKE, UWA2, etc.

CATAC 28 01:46:35.5-0.6, 11.1N;2.8W;4.6, h26km;5km, M3.7/23, MLV3.7/23, Error ellipse: s-maj=5.8km s-min=3.3km

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, H m s, ISC. Includes stations like COPN, SAPS, NANN, etc.

2020 JUN

JMA 28 01:58:23.0-0.5, 23.1N;2x12.4E;1, h57km, MV3.2/16, FAR S OFF ISHIGAKI/JIMA

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, H m s, ISC. Includes stations like HATJ, JKRS, JJJ, etc.

IDC 28 02:12:55.0-0.5, 2.79S;129.77E, h0km, mb4.2/18, mbmp4.2/22, ML4.1/4, MS3.8/35, Error ellipse: s-maj=21.1km s-min=12.0km az=76.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, H m s, ISC. Includes stations like MSAI, KRAI, BNDI, etc.

JMA 28 01:40:04.3-1.3, 33.07N;0.05x132.07E;0.03, h43km;11km, n17, c055/24, Shikoku

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, H m s, ISC. Includes stations like MSAI, KRAI, BNDI, etc.

JMA 28 01:46:35.7-1.6, 11.31N;0.06x86.91W;0.05, h28km;14km, n29, c078/51, 3C-10D, Near coast of Nicaragua

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, H m s, ISC. Includes stations like COPN, SAPS, NANN, etc.

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Large table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, ISC, H m s, ISC. Includes stations like HNR, STKA, STKA, etc.

KBZ **Khabaz** 89.69 314 P P 02 25 55.2 -0.4
comp=2.0,9nm,0.8s,baz=107,slow=5.8,SNR=5.1
comp=2.0,9nm,0.8s

ILAR **Eielson Array** 89.78 25 P P 02 25 54.7 -0.9
comp=2.0,3nm,0.7s,baz=295,slow=3.6,SNR=2.8
comp=2.0,3nm,0.7s

TORD **Torodi Ar. Bea** 127.64 284 PKP PKPdf 02 32 03.9 +0.1
comp=2.1,2nm,1.0s,baz=76,slow=3.5,SNR=3.8

CPUP **Villa Florida** 150.15 167 PKPbc PKPbc 02 32 49.8 +0.6
comp=2.3,1nm,0.6s,baz=191,slow=1.5,SNR=14

CPUP **Villa Florida** 150.15 167 PKPbc PKPbc 02 32 50.5 +0.5

LPAZ **La Paz** 154.22 138 PKPbc PKPbc 02 33 00.7 +1.7
comp=2.0,8nm,0.5s,baz=152,slow=3.4,SNR=8.8

CATAC 28 02:29:33.4-0.7, 11°N,3°8'7W, h18km,6km, M3/6/19, MLV3/6/19, Error ellipse: s-maj=7.1km s-min=5.1km az=11.5, confirmed

SNET 28 02:29:38.1±2.5, 11°59N:86°86W, h29km, ML3.4, Presumed earthquake

ISC 28 02:29:34.5±2.0, 11.52N:0.10:86.90W±0.04, h10km±11km, n25, c0565/41, Near coast of Nicaragua

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
COPN	Copaltepe	0.74	24°	P	ISC	02 29 49.4 +0.6	
SAPS	Ciudad Sandino	0.82	36°	P	Pg	02 29 50.9 +0.6	
SAPS					Sb	02 30 04.4 +0.1	
ABCN	Banco Central	0.84	43°	P	Pg	02 29 49.7 -1.1	
ABCN					Pb	02 29 54.9 +0.2	
SABN	Sabanita	0.85	58°	P	Pg	02 29 50.8 -0.2	
UNAN	Cigeo UNAN	0.86	46°	P	Pg	02 29 51.1 -0.1	
UNAN					Sb	02 30 04.8 -0.6	
NANN	Nandasmo	0.88	61°	P	Pb	02 29 52.3 +0.4	
NANN					Sb	02 30 06.9 +1.1	
MAS3	AI N del Volca	0.88	54°	P	Pg	02 29 51.2 +0.2	
MAS3					Sb	02 30 04.2 +0.5	
TISN	Laguna Tiscapa	0.89	44°	P	Pg	02 29 52.4 +0.4	
NADN	Granada	0.89	74°	P	Pg	02 29 51.5 -0.1	
NADN					Sb	02 30 05.5 -0.4	
APQ2	Apoyeqe	0.89	39°	P	Pg	02 29 51.7 0.0	
WILN	Americas 2	0.96	47°	P	Pg	02 29 53.2 +0.2	
WILN					Sb	02 30 08.4 +0.7	
MOMN	Momotombo	0.96	22°	P	Pg	02 29 52.8 -0.3	
MOMN					Sb	02 30 08.0 0.0	
MACN	EI Madrono	0.98	13°	P	Pg	02 29 53.8 +0.4	
CNCH	Cerro Negro	1.01	11°	P	Pg	02 29 54.0 0.0	
PLRN	Geotermica Pol	1.08	7°	P	Pb	02 29 54.9 -0.4	
PLRN					Sb	02 30 10.7 -0.1	
BOAB	BOABO BROADBAN	51	52°	P	Pn	02 30 00.8 -1.1	
BOAB					Sb	02 30 21.7 -0.2	
CSGN	Cosiguina Volc	1.59	336°	P	Pn	02 30 01.9 -0.9	
CSGN					Sb	02 30 53.4 -0.2	
LIMN	Finca el Limon	1.63	19°	P	Sb	02 30 22.7 -0.7	
LIMN					Sb	02 30 25.3 -0.2	
CNCH	Conchagua	1.98	333°	iP	Pn	02 30 07.4 -0.8	
CNCH					Sb	02 30 34.0 +0.9	
CNCH					Sb	02 30 35.9 +0.4	
CNCH	Conchagua	1.98	333°	eS	Pn	02 30 07.3 -1.0	
CNCH					Sb	02 30 32.9 -0.3	
RCFN	San Juan de Ri	2.10	20°	P	Pn	02 30 10.0 +0.2	
RCFN	Sur Rio San Ju	2.16	21°	P	Pn	02 30 10.7 0.0	
RCVN	Varilla2	2.18	18°	P	Pn	02 30 10.9 -0.1	
PACA	Pacayal	2.39	325°	eS	Pn	02 30 10.9 -0.1	
PACA					Sb	02 30 43.4 0.0	
TECA	Tecapa	2.52	322°	iP	Pn	02 30 17.8 +2.1	

UCR 28 02:33:11.5±1.7, 11°96N:86°70W, h4km±40km, MW5.0, Presumed earthquake

SNET 28 02:33:12.3±2.7, 11°39N:86°97W, h12km, ML5.0, Presumed earthquake

CATAC 28 02:33:12.4±0.3, 11°N,1°8'7W, h12km,1km, M5.0/49, MLV5.0/49, Error ellipse: s-maj=3.1km s-min=2.1km az=32.8, confirmed

IDC 28 02:33:15.3±1.2, 11°78N:86°57W, h52km,12km, mb3.8/18, mbmp4.1/21, ML3.7/3, MS4.0/47, Error ellipse: s-maj=23.1km s-min=7.3km az=44.0

NEIC 28 02:33:16.0±2.5, 11°47N:0.05:86.94W±0.05, h48km±4km, mb4.8/391, Error ellipse: s-maj=8.5km s-min=6.8km az=220.0

GCMT 28 02:33:17.0±0.5, 11°24N:0.03:87°18W±0.03, h32km, MW4.9/80, Moment Tensor Solution, s51,c64, s80,c103; Duration: 0 Moment tensor: Scale 10^19Nm; Mr:2.28±.14; Mw:1.46±.05; Mw-0.82±.09; Mw-1.16±.10; Mw-1.19±.05; Mw-0.83±.12; Best double couple; M2:729000±16; N1:1.309,00000°; S2:0.00000°, S2:0.00000°, N2:126.00000°, S1:1.00000°, S1:89.00000°. Principal axes: T: 2.6820, P: 7.40000°, Azm:34.00000°; N: 0.0880, P: 127.00000°, Azm:127.00000°; P: -2.7760, P: 106.00000°, Azm:217.00000°; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

UPA 28 02:33:19.8±2.9, 11°65N:86°33W, h10km, 35km, MW4.9, Presumed earthquake

ISC 28 02:33:15.8±0.8, 11.52N:0.03:86.86W±0.04, h59km±7km, n608, c1930/467, mb4.8/177, M5.4/146, 10C-19D, Near coast of Nicaragua

Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
Code	Station Name	Δ°	AZ°	Phase	ID	Time	Res
COPN	Copaltepe	0.71	22°	P	Pn	02 33 29.4 -0.8	
ABCN	Banco Central	0.81	42°	P	Pn	02 33 31.3 0.0	
ABCN					Sb	02 33 45.2 +2.2	
SABN	Sabanita	0.81	57°	P	Pn	02 33 31.1 -0.6	
UNAN	Cigeo UNAN	0.82	44°	P	Pn	02 33 31.1 -0.6	
UNAN					Sb	02 33 45.5 +2.3	
AMTN	Mateare	0.83	30°	P	Pn	02 33 32.0 +0.3	
MASN	Masaya	0.84	56°	P	Pn	02 33 31.0 -0.8	
NANN	Nandasmo	0.84	60°	P	Pn	02 33 32.9 +0.6	
NANN					Sb	02 33 35.8 +2.3	
MAS3	AI N del Volca	0.84	53°	P	Pn	02 33 31.1 -0.7	
MAS3					Sb	02 33 45.5 +1.9	
TISN	Laguna Tiscapa	0.85	43°	P	Pn	02 33 31.5 -0.4	
ALLN	Telcor Managua	0.85	42°	P	Pn	02 33 26.0 -0.0	
APQ2	Apoyeqe	0.85	38°	S	Pn	02 33 45.8 +2.0	
MGAN	Managua	0.87	44°	Sn	Pn	02 33 31.8 -0.3	
MGAN					Sb	02 33 46.4 +2.3	
MGAN					Sb	02 33 31.8 -0.3	
MGAN					Sb	02 33 46.6 +2.5	
APYN	Apoyeqe	0.87	35°	P	Pn	02 33 32.3 +0.1	
APYN					Sb	02 33 46.6 +2.3	
WILN	Americas 2	0.92	46°	P	Pn	02 33 32.6 -0.2	
WILN					Sb	02 33 48.2 +2.9	
MOMN	Momotombo	0.94	19°	P	Pn	02 33 32.7 -0.4	
MOMN					Sb	02 33 48.9 +2.2	
MACN	EI Madrono	0.96	11°	P	Pn	02 33 32.7 -0.7	
MACN					Sb	02 33 48.8 +2.4	
CNGA	AI SSO del Vol	0.98	9°	P	Pn	02 33 33.1 -0.6	
CNGA					Sb	02 33 49.2 +2.2	
CNGN	Cerro Negro	0.99	9°	P	Pn	02 33 33.0 -0.8	
CNGN					Sb	02 33 48.9 +1.9	
PLRN	Geotermica Pol	1.06	5°	P	Pn	02 33 34.0 -0.8	
PLRN					Sb	02 33 50.2 +1.4	
JAPN	AI S del Volca	1.07	0°	P	Pn	02 33 34.6 -0.2	
JAPN	AI SSO del Vol	1.16	89°	P	Pn	02 33 35.6 -0.4	
JAPN	AI SSO del Vol	1.16	89°	P	Pn	02 33 35.6 -0.4	
MORN	AI O del Volca	1.19	88°	P	Pn	02 33 35.5 -0.8	
MORN					Sb	02 33 54.1 +2.4	
CRIN	San Cristobal	1.19	351°	P	Pn	02 33 35.7 -0.8	
CRIN					Sb	02 33 51.4 -0.5	
CRIN	San Cristobal	1.19	351°	P	Pn	02 33 35.8 -0.6	
CRIN					Sb	02 33 43.4 +1.6	
OMEN	AI SSO del Vol	1.21	90°	P	Pn	02 33 35.6 -1.0	
CONN	Concepcion	1.21	88°	P	Pn	02 33 35.7 -0.9	
CONN					Sb	02 33 54.5 +2.4	
LORUZ	La Cruz	1.28	110°	eS	Pn	02 33 35.9 -1.7	
LORUZ					Sb	02 33 55.9 +1.6	
CARN	Rivas	1.35	104°	P	Pn	02 33 37.4 -1.1	
CARN	Rivas	1.35	104°	P	Pn	02 33 37.4 -1.1	
CARN	Rivas	1.35	104°	eP	Pn	02 33 36.8 -1.7	
AESN	EI Sauc Leon	1.40	13°	P	Pn	02 33 39.0 -0.2	
AESN					Sb	02 33 59.8 +3.1	
BOAB	BOABO BROADBAN	49	51°	P	Pn	02 33 40.0 0.0	
BOAB	BOABO BROADBAN	49	51°	P	Pn	02 33 40.0 0.0	

BOAB	LIBERIA AIRPORT	1.58	125°	S	Pn	02 34 00.8 +1.9
ALIBA	Finca la Perla	1.58	118°	eP	Pn	02 33 42.3 +0.6
LAPC	Cosiguina Volc	1.60	335°	iP	Pn	02 33 38.8 -2.9
CSGN					Pn	02 33 40.6 -1.4
CSGN					Pn	02 34 02.2 +0.5
LIMN	Finca el Limon	1.61	17°	S	Pn	02 33 43.8 -0.7
LIMN					Pn	02 34 04.0 +2.1
VRLE	La Escondida, Peja	1.63	116°	eP	Pn	02 33 41.0 -1.4
PEJA	Penjamo Buenos	1.64	112°	eP	Pn	02 33 41.3 -1.1
DELJ	Finadema	1.66	129°	eP	Pn	02 33 43.3 +0.5
ACON	Acopaya	1.71	115°	iP	Pn	02 33 42.7 -0.7
CLAR	Claritas	1.81	114°	eP	Pn	02 33 43.8 -0.9
MESS	Mesas	1.81	115°	eP	Pn	02 33 43.5 -1.2
VMAR	Armenia, Volca	1.85	112°	eP	Pn	02 33 44.5 -0.8
JUD3	Juan Diaz 3	1.87	136°	eP	Pn	02 33 42.4 -3.2
PLVR	Palvo Verde	1.88	128°	eP	Pn	02 33 46.5 +0.7
UPAL	Upala	1.91	109°	P <td>Pn</td> <td>02 34 00.9 +0.1</td>	Pn	02 34 00.9 +0.1
UPAL					Sb	02 34 09.8 +0.7
NICO	Nicoya	1.95	135°	eS	Pn	02 33 46.6 +2.0
CNCH	Conchagua	1.99	332° <td>iP</td> <td>Pn</td> <td>02 33 45.9 -1.5</td>	iP	Pn	02 33 45.9 -1.5
CNCH					Sb	02 34 13.2 +2.0
CNCH					Sb	02 34 15.2 0.0
CNCH	Conchagua	1.99	332° <td>iP</td> <td>Pn</td> <td>02 34 14.6 -1.3</td>	iP	Pn	02 34 14.6 -1.3
CNCH					Sb	02 34 15.3 +2.3
TENO	EI Achiotte	2.02	113°	eP	Pn	02 33 47.2 -0.4
TIAP	Tierras Morena	2.03	117°	eP	Pn	02 33 47.1 -0.7
CNMS	Canas	2.04	122°	eP	Pn	02 33 50.0 +2.2
INVE	Universidad In	2.04	120°	iP	Pn	02 33 49.0 +1.0
CMARA	Lajas Hojanca	2.05	136°	iP	Pn	02 33 51.3 +0.7
CMARA	Lajas Hojanca	2.05	136°	P	Pn	02 34 21.0 +8.5
RCMA	San Juan de Ri	2.07	19° <td>P</td> <td>Pn</td> <td>02 33 51.7 +3.7</td>	P	Pn	02 33 51.7 +3.7
RCMA					Sb	02 33 49.2 +0.8
RCFN	AI S de San Ju	2.10	17° <td>iP</td> <td>Pn</td> <td>02 34 17.3 +4.0</td>	iP	Pn	02 34 17.3 +4.0
RCFN					Sb	02 33 48.4 +0.6
QUEB	Quebradon, Cot	2.12	115°	eP	Pn	02 33 48.3 -0.7
TLIA	Tilaran	2.13	119°	eP	Pn	02 33 49.8 +0.7
RCFN	Sur Rio San Ju	2.13	20° <td>P</td> <td>Pn</td>	P	Pn	

H23K	Yukon River	68.53 337	P	P	02 44 12.3 +0.3
F24K	Squaw Lake	68.55 339	P	P	02 44 12.2 +0.2
C26K	Camden Bay	68.58 342	P	P	02 44 12.4 +0.4
PPLA	Purkeypyle	68.67 333	P	P	02 44 12.5 -0.5
MLY	Manley	68.73 336	IAMB	IAMB	02 44 13.6
MLY	Manley	68.73 336	P	P	02 44 13.2 0.0
D25K	Kavik River	68.78 341	P	P	02 44 13.3 -0.1
CAST	Castle Rocks	68.78 334	P	P	02 44 13.2 -0.3
M20K	Styx River	68.81 332	P	P	02 44 13.8 0.0
CHUM	Lake Minchum	69.02 334	P	P	02 44 15.2 +0.3
G23K	Bananza Creek	69.03 338	P	P	02 44 15.0 -0.1
N19K	Bonanza Creek	69.16 331	P	P	02 44 15.9 -0.2
P18K	Big Mountain	69.19 329	P	P	02 44 16.1 -0.1
H22K	Ishatitina Cre	69.27 337	P	P	02 44 16.4 -0.1
COLD	Coldfoot	69.27 338	IAMB	IAMB	02 44 19.5
COLD	Coldfoot	69.27 338	P	P	02 44 16.5 0.0
I21K	Tanana	69.28 336	P	P	02 44 16.6 +0.1
Q17K	Contact Creek	69.28 328	P	P	02 44 16.5 -0.3
O18K	Koktuh Hills	69.28 330	P	P	02 44 16.5 -0.2
BORG	Borgarnes	69.31 25	LR	LR	03 14 14.2
E23K	Chandalar	69.36 339	P	P	02 44 17.3 +0.1
R17L	Mt. Peulik Vol	69.40 327	P	P	02 44 17.0 -0.4
D24K	Happy Valley	69.51 340	P	P	02 44 18.1 +0.2
TOLK	Toolik Lake Re	69.56 340	P	P	02 44 18.9 +0.6
K20K	Telida	69.62 334	P	P	02 44 19.0 +0.3
G22K	Bettles	69.65 338	P	P	02 44 19.5 +0.7
C24K	Franklin Bluff	69.69 341	P	P	02 44 19.4 +0.4
H21K	Melozitna Riv	69.75 336	P	P	02 44 19.6 +0.1
P17K	Kvichak River	69.75 329	P	P	02 44 19.7 +0.1
N18K	Kilae Creek	69.80 331	P	P	02 44 19.7 -0.2
J20K	Nowinta River	69.88 335	P	P	02 44 20.1 -0.2
M18K	Stony River	69.95 332	P	P	02 44 20.7 0.0
D23K	Nanushuk River	70.06 340	P	P	02 44 21.7 +0.4
F22K	John River	70.09 338	P	P	02 44 21.7 +0.2
E22K	Anaktuvuk Pass	70.16 339	P	P	02 44 22.0 0.0
I20K	Naaghdeneel	70.18 335	P	P	02 44 22.2 +0.1
O17K	Koliganeg Bris	70.20 330	P	P	02 44 22.1 -0.2
CHGN	Chignik	70.27 326	P	P	02 44 22.6 -0.1
G21K	Allakaket	70.32 337	P	P	02 44 22.9 +0.2
TBI	Tubuai	70.34 240	eLR	LR	03 05 37.8
C23K	Itkiliik Hills	70.35 341	P	P	02 44 23.3 +0.3
N17K	Nushagak Hills	70.39 330	P	P	02 44 23.2 -0.3
J19K	Poorman	70.45 334	P	P	02 44 23.8 0.0
F21K	Alatina River	70.48 338	IAMB	IAMB	02 44 25.2
F21K	Alatina River	70.48 338	P	P	02 44 24.2 +0.3
P16K	Nushagak River	70.51 329	P	P	02 44 24.1 -0.1
L18K	Granite Mounta	70.51 332	P	P	02 44 24.2 +0.1
H20K	Anotleneega Mo	70.53 336	P	P	02 44 24.5 +0.3
O16K	Kokwok River B	70.66 329	P	P	02 44 25.2 +0.1
CHNA	Chernabura Isl	70.72 324	P	P	02 44 25.3 -0.2
S14K	Fog Glacier	70.90 326	P	P	02 44 26.2 -0.6
E21K	Killik River	71.02 339	P	P	02 44 27.0 0.0
N16K	Nishilik Lake	71.15 330	P	P	02 44 27.8 -0.3
GCSA	Galena City Sc	71.17 335	P	P	02 44 28.1 0.0
H19K	Roundabout Mou	71.17 336	P	P	02 44 27.9 -0.2
F20K	Avarart Lake	71.27 337	P	P	02 44 28.4 -0.2
SDPT	Sand Point	71.29 325	P	P	02 44 28.3 -0.7
M16K	Timber Creek	71.34 331	P	P	02 44 28.8 -0.4
O15K	Ungalikthiuk R	71.47 329	P	P	02 44 29.4 -0.6
C21K	Knifeflade Rid	71.52 340	P	P	02 44 30.1 0.0
G19K	Purcell Mounta	71.58 336	P	P	02 44 30.3 -0.2
B21K	Ikpikpuik River	71.59 340	P	P	02 44 30.6 0.0
L16K	Owhat River	71.70 331	P	P	02 44 31.2 -0.2
E20K	Nigu River	71.76 338	P	P	02 44 31.5 -0.2
J17K	VABM Dome	71.83 333	P	P	02 44 31.9 -0.2

H18K	Honhosa River	71.87 335	P	P	02 44 32.5 +0.2
E19K	Redstone River	71.94 338	P	P	02 44 32.6 -0.2
F19K	Sharucuk Mo	72.00 337	P	P	02 44 33.0 -0.1
D20K	Etiwuk River	72.03 339	P	P	02 44 32.9 -0.3
A22K	Sinclair Lake	72.12 341	P	P	02 44 34.0 +0.3
M15K	Kasigliuk River	72.12 330	P	P	02 44 33.8 -0.1
G18K	Tagagawik	72.14 336	P	P	02 44 33.9 -0.1
O14K	Tigyukauivt M	72.21 329	P	P	02 44 34.2 -0.2
H17K	Granite Mounta	72.47 335	P	P	02 44 36.2 +0.2
J16K	Anvik River	72.48 333	P	P	02 44 36.0 0.0
N14K	Kuskokwak Cree	72.51 329	P	P	02 44 36.3 +0.2
D19K	Kumbo River	72.51 339	P	P	02 44 36.3 +0.2
B20K	Meade River	72.55 340	P	P	02 44 36.5 +0.2
I17K	Unalakleet	72.62 334	P	P	02 44 36.8 0.0
L15K	Ungalak Mounta	72.65 331	P	P	02 44 36.9 -0.1
F18K	Selawik	72.68 336	P	P	02 44 37.3 +0.2
K15K	Wolf Creek Mou	72.76 332	P	P	02 44 37.7 +0.1
G17K	Kiwalik Mounta	72.88 335	P	P	02 44 38.4 0.0
C19K	Lookout Ridge	73.17 339	P	P	02 44 40.1 0.0
E18K	Tukpahleark C	73.21 337	P	P	02 44 40.2 0.0
F17K	Balad Pennin	73.28 336	P	P	02 44 41.0 +0.4
D17K	Noatak River	74.19 337	P	P	02 44 45.9 0.0
G15K	Niukluk	74.22 334	P	P	02 44 46.3 +0.2
UNV	Unalaska Valle	74.68 323	P	P	02 44 48.5 -0.6
F14K	Arctic Creek	75.23 335	P	P	02 44 52.3 +0.3
SPIA	Saint Paul Isl	76.83 326	P	P	02 45 01.2 -0.1
EKA	Eskdalemuir Ar	77.04 36	P	P	02 44 59.5 -3.0
ESDC	Sonsec Array	77.31 52	P	P	02 45 02.1 -2.3
MDT	Middlet	77.39 59	LR	LR	03 17 21.9
RAR	Rarotonga	78.62 245	LR	LR	03 12 22.8
DBIC	Dimboko	80.89 85	LR	LR	03 20 01.5
ADK	Adak	80.94 321	P	P	02 45 25.2 +1.3
SPITS	Spitsbergen Ar	81.50 12	LR	LR	03 22 20.0
NOA	NORR Array B	81.89 29	P	P	02 45 37.6 -1.6
NOA	NOA	81.89 29	LR	LR	03 20 03.2
HFS	Hagfors	85.30 30	P	P	02 45 45.2 -1.0
HFS	Hagfors	85.30 30	LR	LR	03 22 39.0
TUE	Stuetta	85.98 44	P	P	02 45 49.4 -0.8
TUE	Tordi Ar. Bea	86.05 77	P	P	02 46 15.5
TORD	Tordi Ar. Bea	86.05 77	P	P	02 45 49.7 -1.1
TORD	Tordi Ar. Bea	86.05 77	IAMB	IAMB	02 46 52.5
DAVOX	Davos/Dischmat	86.27 43	LR	LR	03 21 57.5
ARCES	ARCES Array B	86.86 19	LR	LR	03 23 50.1
CLL	Collin	87.19 38	P	P	02 45 56.0 +0.3
CLL	CLL	87.19 38	AMS	AMS	03 23 00.0
GERES	GERES Array B	88.27 41	P	P	02 46 00.1 -1.0
VRAC	Vranov	89.96 40	LR	LR	03 22 26.5
FINES	FINES Array B	90.55 26	LR	LR	03 23 43.1
VAE	Valguarnera	91.85 51	LR	LR	03 25 37.2
TIXI	Tiksi	93.66 349	LR	LR	03 31 28.9
PETK	Petropavlovsk-	95.49 327	LR	LR	03 28 47.3
MA2	Magadan	95.53 334	LR	LR	03 34 35.7
AKASG	Malin Array Be	96.95 35	LR	LR	03 27 47.9
NRIC	Noril'sk	99.25 2	LR	LR	03 32 49.8
ZALV	Zalesovo Beam	114.41	PKIKP	PKIKP	02 51 47.7 -1.3
MJAR	Matsushiro Arr	116.10 321	PKP	PKP	02 51 53.8 +1.0
SONM	Songino Array	119.75 350	PKP	PKP	02 51 60.0 +0.2
MKAR	Makanchi Array	121.15 9	PKP	PKP	02 52 01.2 -1.0
KS19	Wonju Array Si	121.36 328	PKP	PKP	02 52 04.7 +1.7
KSRS	Wonju Array	121.36 328	PKP	PKP	02 52 03.8 +0.7
KSAR	Wonju Array Be	121.40 328	PKP	PKP	02 52 04.0 +0.9
WMQ	Urumqi	124.71 5	ePKP	LR	02 52 10.8 +1.2
HHC	Hu-ho-hao-te	125.18 343	ePKP	PKP	02 52 12.0 +1.3
HNS	HongShan	127.30 338	PKP	PKP	02 52 15.8 +1.0
GTA2	Gaotai	128.89 353	PKP	PKP	02 52 18.5 +0.4
NJ2	Nanjing	130.18 331	ePKP	PKP	02 52 21.3 +0.6
LZH	Luzhou	131.59 348	ePKP	PKP	02 52 25.3 +1.6
ASAR	Alice Springs	139.45 247	PKHP	PKP	02 52 29.3
ASAR	ASAR	139.45 247	PKP	PKP	02 52 36.8 -0.7
WRA	Warrawang Arr	139.56 252	PKP	PKP	02 52 38.5 +0.8
KM12	Kunming	142.37 346	PKP	PKP	02 52 42.5 -0.5
CMAR	Chiang Mai Arr	149.67 349	PKP	PKP	02 52 56.9 +1.7
CMAR	Chiang Mai Arr	149.67 349	PKP	PKP	02 52 56.4 +1.1

JAMC	Jamundi, Valle	1.75 184	P	Pn	02 45 49.0 -2.4
JAMC	JAMC	1.75 184	S	Sn	02 46 10.0 -2.8
NORC	Norcasia	1.77 71	P	P	02 45 51.4 -0.2
NORC	NORC	1.77 71	S	Sn	02 46 13.8 +0.6
DBBC	Dabeiba	2.06 9	P	P	02 45 55.5 0.0
DBBC	DBBC	2.06 9	S	Sn	02 46 22.4 +2.2
PRAC	Prado	2.08 127	P	Pn	02 45 54.6 -1.1
PRAC	PRAC	2.08 127	S	Sn	02 46 20.2 -0.3
POPC	Popayan, Colom	2.42 183	P	Pn	02 45 59.2 -1.3
POPC	POPC	2.42 183	S	Sn	02 46 27.8 -1.3
CVCR	Cruz Verde, Cu	2.51 100	P	Pn	02 46 23.5 +0.4
CVCR	CVCR	2.51 100	S	Sn	02 46 34.4 +0.6
GRIC	Grongu, Isla	2.53 220	P	Pn	02 45 58.5 -3.4
GRIC	GRIC	2.53 220	S	Sn	02 46 27.5 -4.1
SPBC	San Pablo de B	2.56 75	P	Pn	02 46 02.2 -0.1
PTBC	PUERTO BERRIO,	2.60 53	P	Pn	02 46 02.1 -0.7
PTBC	PTBC	2.60 53	S	Sn	02 46 32.5 -0.6
URMC	La Uribe, Meta	2.76 128	P	Pn	02 46 04.5 -0.5
URMC	URMC	2.76 128	S	Sn	02 46 35.7 -1.6
CHIC	Chingaza	2.83 97	P	Pn	02 46 07.0 +0.7
GARC	Garczon, Huila	2.96 159	P	Pn	02 46 07.0 -0.9
GARC	GARC	2.96 159	S	Sn	02 46 42.7 +0.3
VILC	Villavieja,	2.97 107	P	Pn	02 46 08.5 +0.6
FLOC	Florencia	3.48 165	P	Pn	02 46 13.8 -1.1
FLOC	FLOC	3.48 165	S	Sn	02 46 54.3 -0.6
RASC	La Rusia	3.57 75	P	Pn	02 46 16.9 +0.4
MACC	Macarena, Meta	3.89 136	P	Pn	02 46 18.7 -1.8
MACC	MACC	3.89 136	S	Sn	02 47 02.3 -2.7
AZU	Azuero	4.64 307	P	Pn	02 46 28.3 -2.1
AZU	AZU	4.64 307	S	Sn	02 47 20.2 -3.2
OTAV	Otavallo	5.07 202	P	Pn	02 46 34.6 -2.4
OTAV	OTAV	5.07 202	S	Sn	02 46 38.3 -1.4
BCIP	Isia Barro Col	5.29 322	P	Pn	02 47 37.3 -2.1
BCIP	BCIP	5.29 322	S	Sn	02 47 37.3 -2.1

UCR 28 03:25:33.8:1.1, 11°24'N:86°95'W, h3km:13km, MW3.5, Presumed earthquake
 CATAC 28 03:25:34.3:0.6, 11°N:3°8'7"W, h20km:5km, M3.8/24, MLV3.8/24, Error ellipse: s-maj=6.3km s-min=4.1km az=31.8, confirmed
 SNET 28 03:25:39.5:3.6, 11°62'N:86°88'W, h27km, ML3.6, Presumed earthquake
 ISC 28 03:25:34.5:1.5, 11°38'N:05°86'96'W:0.04, h15km:10km, M3.8, 08/99/68, 2C-13, East of Nicaragua

Code	Station Name	Δ° AZ°	Op	Phase ID	Time	Res
COPN	Copaltepe	0.87 25	Op	ISC	03 25 51.2	-0.3
COPN	Copaltepe	0.87 25	eP	Pg	03 25 51.2	-0.3
SABN	Sabaneta	0.97 54	Op	Pg	03 25 52.8	-0.2
GNCC	Ganaco Central	0.97 41	P	Pb	03 25 53.7	+0.4
NADN	Granada	0.98 68	Op	Pb	03 25 53.2	+0.1
NADN	Granada	0.98 68	eP	Pb	03 25 53.1	-0.1
NADN	NADN	0.98 68	eS	Sb	03 26 02.8	+0.9
UNAN	Cigeo UNAN	0.99 43	Op	Pn	03 25 53.0	-0.4
UNAN	UNAN	0.99 43	S	Sb	03 26 07.5 +0.1	
NANN	Nandasmo	0.99 56	Op	Pg	03 25 54.4 +0.4	
NANN	NANN	0.99 56	S	Sb	03 26 08.4 +0.8	
MAS3	AI N del Volca	1.00 50	Op	Sg	03 25 53.0 -0.5	
MAS3	MAS3	1.00 50	S	Sb	03 26 07.5 +0.5	
TISN	Laguna Tiscapa					

Table with columns: ID, Name, RA, Dec, Mag, Type, P, S, Code, Station Name, Az, Az2, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Bocatomia Ro, Cerro Caljn, Curacav, Renca, Universidad Ad, Las Melosas, etc.

Table with columns: ID, Name, RA, Dec, Mag, Type, P, S, Code, Station Name, Az, Az2, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Vilhena, Isla South Pole, South Pole Qui, South Pole Qui, etc.

Table with columns: ID, Name, RA, Dec, Mag, Type, P, S, Code, Station Name, Az, Az2, Op, Phase, ID, Time, Res, h, m, s, ISC. Includes stations like Nonsavu, Nonsavu, Futu, Futu, etc.

Table with columns: Station ID, Name, Location, Time, Magnitude, etc. Includes stations like ISUMI INFRASON, J30JP, JCCN, etc.

Table with columns: Station ID, Name, Location, Time, Magnitude, etc. Includes stations like TARG Taragay, Kyrgy, MTN Manton Dam, etc.

Table with columns: Code, Station Name, Location, Time, Magnitude, etc. Includes stations like SC01 Santiago de lo, SC01 Santiago de lo, etc.

SDD 28 06:18:56.5:6.0, 18.98Nk:70.67W, h15km,74km, MD2.8, ML1.9, MW3.0, Presumed earthquake

OSPL 28 06:18:57.2:0.6, 19.25Nk:70.38W, h8km,4km, ML1.3,

28d 6h

Table with columns for station name, frequency, power, and other technical details. Includes stations like San Juan, Punta Cana, and various local stations.

2020 JUN

Table with columns for station name, frequency, power, and other technical details. Includes stations like Stony Hill, Stony Hill, and various local stations.

1750

Table with columns for station name, frequency, power, and other technical details. Includes stations like La Paz, Pinedale Array, and various local stations.

R32K	Eaglecrest	63.21 327	P	P	06 53 10.5 +0.6
A36M	Sachs Harbour	63.56 343	P	P	06 53 13.0 +1.0
WHY	Whitese	63.81 329	P	P	06 53 14.3 +0.4
SKAG	Skagway	63.82 328	P	P	06 53 14.2 +0.3
M31M	Drury Creek, Y	63.87 331	P	P	06 53 14.6 +0.4
S31K	Pelican	64.06 326	P	P	06 53 15.6 +0.1
PLBC	Pleasant Camp	64.34 328	P	P	06 53 17.3 -0.1
N31M	Braeburn, Yuko	64.38 330	P	P	06 53 17.7 +0.1
O30N	Mendenhall	64.41 329	P	P	06 53 18.2 +0.3
H31M	Peel River	64.63 335	P	P	06 53 19.0 -0.2
P30M	Million Dollar	64.74 329	P	P	06 53 19.3 +0.7
F31M	Tsighetichic	64.79 337	P	P	06 53 20.2 +0.1
G31M	Satah River	64.86 336	P	P	06 53 20.7 +0.2
INK	Inuvik	64.94 338	P	P	06 53 21.3 +0.2
N30M	Aishikik Lake	65.00 330	P	P	06 53 21.8 +0.1
M30M	Minto, Yukon	65.04 331	P	P	06 53 22.2 +0.3
P29M	Windy Craggy	65.06 328	P	P	06 53 22.3 +0.2
HYT	Haines Junctio	65.11 329	P	P	06 53 22.3 -0.1
J30M	Hart River	65.19 334	P	P	06 53 23.3 +0.4
I30M	Mount Dempster	65.33 334	P	P	06 53 23.8 -0.1
YUK6	Outpost Mounta	65.54 329	P	P	06 53 25.0 -0.4
O29M	Mount Kennedy	65.56 329	P	P	06 53 25.2 -0.3
K29M	Barlow Dome	65.57 333	P	P	06 53 25.7 +0.2
F30M	Barrier River	65.60 337	P	P	06 53 25.8 +0.4
G30M	taoh Zrail Nij	65.63 336	P	P	06 53 26.4 +0.7
EPYK	Eagle Plains	65.70 335	P	P	06 53 26.5 +0.4
YUK4	Talbot Arm	65.73 330	P	P	06 53 26.6 0.0
L29M	L29M	65.73 332	P	P	06 53 26.8 +0.4
M29M	Somme Creek	65.78 331	P	P	06 53 27.3 +0.5
BRWY	Burwash Landin	65.91 330	P	P	06 53 28.2 +0.6
TORD	Torodi Ar. Bea	66.00 83	P	P	06 53 28.4 -0.4
TORD	Torodi Ar. Bea	66.00 83	P	P	06 53 27.2 -1.6
YUK8	Steele Glacier	66.25 330	P	P	06 53 30.0 -0.1
G29M	Pine Creek	66.31 336	P	P	06 53 30.7 +0.7
H29M	Whitestone	66.32 335	P	P	06 53 30.6 +0.5
PINM	Pinnacle	66.37 328	P	P	06 53 30.9 +0.3
O28M	Mount Upton	66.41 329	P	P	06 53 31.0 0.0
DAWY	Dawson	66.42 333	P	P	06 53 31.0 +0.2
E29M	Blow River	66.54 338	P	P	06 53 31.6 +0.2
YUK3	Moose Creek	66.64 330	P	P	06 53 32.7 +0.3
I28M	Miner Creek	66.84 334	P	P	06 53 33.9 +0.4
BVCY	Beaver Creek	66.89 331	P	P	06 53 34.1 +0.3
D28M	Stokes Point	67.01 339	P	P	06 53 34.5 +0.2
F28M	Old Crow	67.13 337	P	P	06 53 35.2 -0.1
E28M	Babbage River	67.17 338	P	P	06 53 35.5 0.0
M27K	Edge Creek, AK	67.36 331	P	P	06 53 37.1 +0.2
I27K	Kandik River	67.56 334	P	P	06 53 38.6 +0.5
H27K	Steamboat Moun	67.59 335	P	P	06 53 39.0 +0.8
G27K	Doyon Strip	67.71 336	P	P	06 53 39.3 +0.3
D27M	Malcolm River	67.78 338	P	P	06 53 40.1 +0.7
CRQE	Cirque	67.83 329	P	P	06 53 40.5 +0.6
MCARA	McCarthy VSAT	67.83 330	P	P	06 53 40.5 +0.8
E27K	Coleen River	67.86 337	P	P	06 53 40.1 +0.3
M26K	Nabesna, AK	68.37 331	P	P	06 53 40.5 +0.4
L26K	Log Cabin Wild	68.08 331	P	P	06 53 42.0 +0.6
I26K	Coal Creek Min	68.17 334	P	P	06 53 42.3 +0.5
DAVA	Damuels	68.22 46	eP	P	06 53 43.3 +0.7
DAVOX	Davos Diechmat	68.25 46	LR	LR	07 19 35.7
SCRK	Sand Creek	68.43 332	P	P	06 53 44.4 +0.8
KAIM	Kayak Island	68.45 328	P	P	06 53 44.4 +0.8
FUORN	Ofenpass-Fuorn	68.52 46	P	IAmb	06 53 42.7 -2.0
FUORN	Ofenpass-Fuorn	68.52 46	P	IAmb	06 53 52.3
G26K	Porcupine River	68.56 336	P	P	06 53 44.7 +0.5
BMRM	Bremner River	68.58 329	P	P	06 53 45.1 +0.6
N25K	Chitina, Valde	68.59 330	P	P	06 53 45.2 +0.5
F26K	Sheenjek River	68.77 336	P	P	06 53 46.2 +0.7
C27K	Jago River	68.79 339	P	P	06 53 45.8 +0.2
RIDG	Independent Ri	68.80 332	P	P	06 53 46.2 +0.4
RETA	Reutte	68.81 45	eP	P	06 53 45.9 -0.3
FETA	Feichten	68.82 46	eP	P	06 53 45.9 -0.5
NB2	NORSAR Subarra	68.82 31	P	P	06 53 45.6 -0.4
NB2	NORSAR Subarra	68.82 31	P	P	06 53 45.6 -0.4
NOA	NORSAR Array B	68.82 31	P	P	06 53 45.2 -0.8
NOA	NORSAR Array B	68.82 31	P	P	07 22 26.9
KEST	Kesra	68.85 58	P	P	06 53 47.1 +0.4
HARP	HAARP	68.88 331	P	P	06 53 46.4 +0.1
PAX	Paxson	69.05 331	P	P	06 53 47.1 -0.4
MOTA	Moosalm	69.05 45	eP	P	06 53 48.2 +0.4
J25K	Salcha River,	69.06 333	P	P	06 53 47.7 +0.3
YAK	Cordova Ski Ar	69.13 329	P	P	06 53 48.3 +0.7
SOAT	Sankt Quirin	69.13 46	eP	P	06 53 48.2 -0.1
PRP	Porcupine Dome	69.17 334	P	P	06 53 48.8 +0.4
K24K	Donnelly Dome	69.21 332	P	P	06 53 49.0 +0.6

KLU	Klutina	69.22 330	P	P	06 53 49.0 +0.4
F25K	Christian River	69.33 336	P	P	06 53 49.7 +0.6
E25K	Arc Village	69.33 337	P	P	06 53 49.6 +0.6
M24K	Tolsona, Glenn	69.35 330	P	P	06 53 50.1 +0.8
WATA	Waldersalm	69.37 45	eP	P	06 53 50.6 +0.8
WTTA	Wattenberg	69.42 45	eP	P	06 53 50.4 +0.2
G25K	Bearman Lake	69.47 335	P	P	06 53 50.4 +0.6
D25K	Kavik River	69.70 338	P	P	06 53 51.8 +0.4
ILAR	Eielson Array	69.72 333	P	P	06 53 52.0 +0.5
HDA	Harding Lake	69.74 333	P	P	06 53 52.3 +0.7
GLI	Glacier Island	69.79 329	P	P	06 53 52.6 +0.6
SCM	Sheep Creek Mo	69.90 330	P	P	06 53 53.2 +0.5
DHY	Denali Highway	69.92 331	P	P	06 53 53.2 +0.3
P23K	Montague Islan	69.95 328	P	P	06 53 53.2 +0.3
POKR	Poker Plat Res	69.96 334	P	P	06 53 52.5 -0.5
G24K	Hadweencz Riv	70.01 335	P	P	06 53 53.5 +0.3
CLL	Colim	70.03 41	eP	P	06 53 53.0 +4.4
CLL	Colim	70.03 41	e(sP)	P	06 53 58.0 +4.4
CLL	Colim	70.03 41	e(sP)	PP	06 56 29.0 +0.7
CLL	Colim	70.03 41	e(sP)	SS	07 07 40.0 +6.6
HFS	Hagfors	70.04 32	LR	LR	06 53 55.2 +1.7
ABTA	Abtersbach	70.06 46	eP	P	06 53 53.9 -0.1
M23K	Glacier View	70.09 330	P	P	06 53 53.9 +0.2
WAT6	Susitna Watana	70.09 331	P	P	06 53 53.8 -0.1
LESA	Schwarzealot	70.11 45	eP	P	06 53 53.9 -0.1
COLA	College	70.14 333	iP	P	06 53 53.2 -0.8
H24K	Noodor Dome	70.16 334	P	P	06 53 54.6 +0.4
F24K	Squaw Lake	70.19 336	P	P	06 53 54.5 +0.2
SML	Sawmill	70.37 330	P	P	06 53 55.6 0.0
E24K	Your Creek	70.43 337	P	P	06 53 55.8 -0.1
WAT1	Susitna Watana	70.46 331	P	P	06 53 55.9 -0.2
C24K	Franklin Bluff	70.54 339	P	P	06 53 56.6 +0.3
KHC	Kasperske Hory	70.56 43	iP	P	06 53 57.1 +0.1
KHC	Kasperske Hory	70.56 43	iP	P	06 53 55.9 -1.1
D24K	Happy Valley	70.57 338	P	P	06 53 57.0 +0.4
KBA	Koelbreinsper	70.60 46	eP	P	06 53 58.0 +0.6
MCK	McKinley	70.61 332	P	P	06 53 57.2 +0.2
NEA2	Nenana	70.66 333	P	P	06 53 57.3 +0.1
GERES	GERESS Array B	70.67 44	P	P	06 53 59.3 +1.6
GERES	GERESS Array B	70.67 44	P	P	07 23 17.3
GERES	GERESS Array B	70.67 44	eP	P	06 53 57.2 -0.5
GERES	GERESS Array B	70.67 44	eP	P	06 54 00.8 +3.1
BIOA	Bad Ischl, I.	70.73 45	eP	P	06 53 59.0 +0.9
PMR	Palmer	70.76 330	P	P	06 53 57.9 +0.1
I23K	Minto, Yukon-K	70.78 334	P	P	06 53 58.0 +0.1
TOLK	Took Lake Re	70.83 337	P	P	06 53 58.5 +0.2
H23K	Yukon River	70.84 334	P	P	06 53 58.5 +0.2
E23K	Chandalar	70.85 337	P	P	06 53 58.9 +0.5
SEW	Seward	70.98 328	P	P	06 53 59.2 0.0
G23K	Bananza Creek	71.02 335	P	P	06 53 59.4 -0.1
RC01	Rabbit Creek A	71.07 329	P	P	06 54 00.2 +0.4
COLD	Coldfoot	71.08 336	P	P	06 53 60.0 +0.2
MOA	Molln	71.14 45	eP	P	06 54 01.7 +1.2
C23K	Itkillik River	71.20 339	P	P	06 54 00.7 +0.3
M22K	Willow	71.22 330	P	P	06 54 00.8 +0.1
TRF	Thorofare Moun	71.23 332	P	P	06 54 00.8 -0.1
D23K	Nanusuk River	71.24 338	P	P	06 54 01.5 +0.8
CUT	Chulitna	71.26 331	P	P	06 54 01.2 +0.3
MLY	Manley	71.36 334	P	P	06 54 01.7 +0.1
SESA	Seetalar Alpe,	71.42 45	eP	P	06 54 02.7 +0.3
OBKA	Obir	71.48 46	eP	P	06 54 03.6 +1.0
L22K	Petersville	71.49 331	P	P	06 54 02.3 0.0
H22K	Ishtaitina Cre	71.59 334	P	P	06 54 02.8 -0.1
G22K	Bettes	71.60 336	P	P	06 54 02.9 0.0
BRSE	Bradley Lake S	71.65 328	P	P	06 54 03.4 +0.1
CAPN	Captain Cook N	71.78 329	P	P	06 54 04.2 +0.2
F22K	John River	71.84 336	P	P	06 54 04.4 +0.1
I21K	Tanana	71.88 334	P	P	06 54 04.7 +0.1
SKT	Skwentna	71.88 330	P	P	06 54 04.7 0.0
TRO	Tromso	71.98 22	eP	P	06 54 07.8 +2.7
CAST	Castle Rocks	72.03 332	P	P	06 54 05.8 +0.2
ARSA	Arztberg	72.06 45	eP	P	06 54 05.5 -0.5
CHUM	Lake Minchum	72.11 332	P	P	06 54 05.8 -0.1
PPLA	Purkypille	72.12 331	P	P	06 54 05.7 -0.6
B22K	Teshepkuk Lake	72.15 339	P	P	06 54 06.7 +0.6
H12K	Melozitna Rive	72.19 334	P	P	06 54 06.7 +0.2
CONA	Conrad Observa	72.20 44	eP	P	06 54 06.9 0.0
DPC	Dobruska-Polom	72.21 42	eP	P	06 54 04.7 -2.2
DPC	Dobruska-Polom	72.21 42	eP	P	06 54 04.7 -2.2
F21K	Alatina River	72.36 336	P	P	06 54 07.2 -0.3
USHA	Ushuaia	72.40 181	LR	LR	07 26 51.1
KRUC	Moravsky	72.41 43	eP	P	06 54 07.9 -0.2
G21K	Allakaket	72.42 335	P	P	06 54 07.8 0.0

E21K	Killik River	72.46 337	P	P	06 54 07.1 -1.0
JETT	Jettan,	72.50 22	eP	P	06 54 08.8 +0.5
VRAC	VRAC	72.51 43	iP	P	06 54 09.3 +1.0
VRAC	VRAC	72.51 43	LR	LR	07 23 56.1
VRAC	VRAC	72.51 43	P	P	06 54 09.7 +1.0
VRAC	VRAC	72.51 43	eP	P	06 54 12.1 +1.0
VRAC	VRAC	72.52 45	eP	P	06 54 09.7 +0.9
O20K	Slope Mountain	72.56 328	P	P	06 54 07.8 -1.1
B21K	Ikpkpkuk River	72.60 338	P	P	06 54 08.0 -0.8
A22K	Sinclair Lake	72.62 340	P	P	06 54 08.1 -0.8
VAE	Valguarnera	72.63 55	LR	LR	07 22 16.3
M20K	Styx River	72.64 330	P	P	06 54 08.4 -0.9
C21K	Knifeblade Rid	72.70 338	P	P	06 54 08.3 -1.2
KDAK	Kodiak Island	72.78 326	iP	P	06 54 10.3 +0.3
KDAK	Kodiak Island	72.78 326	P	P	06 54 08.7 -1.4
J20K	Novinta River	72.89 333	P	P	06 54 09.2 -1.4
P19K	Oli Pt	72.91 328	P	P	06 54 09.7 -1.2
K20K	Telida	72.93 332	P	P	06 54 10.1 -0.8
I20K	Naagedeneel	72.97 333	P	P	06 54 10.1 -0.9
MORC	Moravsky Berou	73.06 42	iP	P	06 54 12.9 +0.9
MORC	Moravsky Berou	73.06 42	eP	P	06 54 12.9 +0.9
MORC	Moravsky Berou	73.06 42	eP	P	06 54 12.9 +0.5
MODS	Modra-Piesok	73.08 44	eP	P	06 54 14.0 +1.9
A21K	Barrow	73.13 340	P	P	06 54 11.4 -0.5
STEB	Stebornice	73.19 42	eP	P	06 54 10.1 -2.6
Q19K	Que Douglas,	7			

F31M	comp=Z,11nm,1.1s Tsiighehtich baz=86,SNR=5.3	72.82 336	P	P	07 44 21.0	-0.2
Q32M	Nakina River baz=84	72.91 327	P	P	07 44 21.9	-0.3
V35K	Ketchikan baz=84	72.94 323	P	P	07 44 22.2	+0.1
P33M	Teslin, Yukon baz=84	73.06 329	P	P	07 44 22.9	0.0
G31M	Satah River comp=Z,13nm,1.1s	73.07 336	IAMB	IAMB	07 44 24.8	
G31M	Satah River baz=85,SNR=6.3	73.07 336	P	P	07 44 22.4	-0.3
N32M	Quiet Lake baz=84	73.10 330	P	P	07 44 22.9	-0.2
H31M	Peel River baz=84,SNR=10	73.20 335	P	P	07 44 22.9	-0.7
P32M	Atlin baz=83	73.58 328	P	P	07 44 25.9	-0.1
F30M	Barrier River comp=Z,6.9nm,1.0s	73.59 336	IAMB	IAMB	07 44 26.9	
F30M	Barrier River baz=84,SNR=5.0	73.59 336	P	P	07 44 25.5	-0.3
M31M	Drury Creek, Y comp=Z,6.0nm,1.1s	73.60 331	IAMB	IAMB	07 44 40.6	
M31M	Drury Creek, Y baz=85	73.60 331	P	P	07 44 26.4	+0.4
U33K	Whale Pass baz=83	73.69 324	P	P	07 44 26.1	-0.5
CRAG	Craig baz=82	73.78 324	P	P	07 44 27.3	+0.2
G30M	Aah Zraii Nji baz=83	73.83 336	P	P	07 44 27.8	+0.6
MMAI	Mount Meron Ar comp=Z,22nm,21.1s,baz=283,slow=36	73.98 60	LR	LR	08 17 14.9	
WHY	Whitehorse baz=82	74.03 329	P	P	07 44 28.6	-0.1
EPYK	Eagle Plains baz=82	74.10 335	P	P	07 44 28.8	-0.1
I30M	Mount Dempster comp=Z,7.4nm,1.0s	74.11 334	IAMB	IAMB	07 44 29.9	
I30M	Mount Dempster baz=82,SNR=7.3	74.11 334	P	P	07 44 28.8	-0.3
R32K	Eaglecrest baz=82	74.16 327	P	P	07 44 30.0	+0.6
J30M	Hart River baz=82,SNR=9.4	74.18 333	P	P	07 44 29.8	+0.3
E29M	Blow River baz=82,SNR=6.2	74.28 337	P	P	07 44 30.1	+0.3
S32K	Killisnoo baz=82	74.31 326	P	P	07 44 30.3	+0.2
N31M	Braeburn, Yuko baz=82,SNR=12	74.35 330	P	P	07 44 30.7	+0.3
SKAG	Skagway baz=82	74.41 328	P	P	07 44 31.0	+0.2
D28M	Stokes Point baz=82	74.45 338	P	P	07 44 30.8	0.0
G29M	Pine Creek comp=Z,7.9nm,1.0s	74.54 336	IAMB	IAMB	07 44 45.4	
G29M	Pine Creek baz=82,SNR=6.2	74.54 336	P	P	07 44 31.5	+0.1
O30M	Mendehall baz=82,SNR=11	74.60 329	P	P	07 44 32.1	+0.2
M30M	Minto, Yukon comp=Z,7.2nm,0.9s	74.66 331	IAMB	IAMB	07 44 33.5	
M30M	Minto, Yukon baz=81,SNR=8.6	74.66 331	P	P	07 44 32.0	-0.2
SIT	Sitka baz=81	74.77 326	P	P	07 44 32.8	0.0
H29M	Whitestone comp=Z,11nm,0.9s	74.78 335	IAMB	IAMB	07 44 34.0	
H29M	Whitestone baz=81,SNR=8.3	74.78 335	P	P	07 44 32.5	-0.3
K29M	Barlow Dome comp=Z,8.1nm,1.1s	74.80 333	IAMB	IAMB	07 44 43.3	
K29M	Barlow Dome baz=81,SNR=7.3	74.80 333	P	P	07 44 33.0	-0.1
E28M	Babbage River baz=81	74.85 338	P	P	07 44 32.6	-0.5
PLBC	Pleasant Camp baz=81	74.94 328	P	P	07 44 33.4	-0.4
N30M	Aishikik Lake comp=Z,8.6nm,0.9s	74.97 330	IAMB	IAMB	07 44 36.9	
N30M	Aishikik Lake baz=81,SNR=7.0	74.97 330	P	P	07 44 33.7	-0.4
S31K	Pelican baz=81	75.11 327	P	P	07 44 34.9	+0.1
P30M	Million Dollar baz=81	75.13 329	P	P	07 44 34.7	-0.2
F28M	Old Crow comp=Z,8.2nm,1.1s	75.14 337	IAMB	IAMB	07 44 37.3	
F28M	Old Crow baz=80,SNR=12	75.14 337	P	P	07 44 34.3	-0.6
L29M	L29M comp=Z,10nm,0.9s	75.19 332	IAMB	IAMB	07 44 37.9	
L29M	L29M baz=80,SNR=13	75.19 332	P	P	07 44 35.3	0.0
D27M	Malcolm River comp=Z,8.1nm,1.1s	75.25 338	IAMB	IAMB	07 44 39.4	
D27M	Malcolm River baz=79	75.25 338	P	P	07 44 35.1	-0.4
HYT	Haines Junctio comp=Z,8.6nm,1.0s	75.28 330	IAMB	IAMB	07 44 39.7	
HYT	Haines Junctio baz=80	75.28 330	P	P	07 44 35.9	0.0
ASF	Jabal al Asfar comp=Z,1.6nm,0.7s,baz=282,slow=5.9,SNR=3.7	75.38 61	P	P	07 44 39.0	+1.9
M29M	Somme Creek comp=Z,9.1nm,0.8s	75.45 331	IAMB	IAMB	07 44 39.5	
M29M	Somme Creek baz=80,SNR=11	75.45 331	P	P	07 44 36.6	-0.3
I28M	Milner Creek baz=79	75.55 334	P	P	07 44 37.0	-0.4
DAWY	Dawson comp=Z,8.4nm,1.1s	75.57 333	IAMB	IAMB	07 44 38.8	
DAWY	Dawson baz=80,SNR=6.3	75.57 333	P	P	07 44 37.4	-0.1
P29M	Windy Craggy comp=Z,6.9nm,0.8s	75.60 328	IAMB	IAMB	07 44 40.5	
P29M	Windy Craggy baz=81	75.60 328	P	P	07 44 36.9	-0.8
YUK6	Outpost Mounta baz=80	75.67 330	P	P	07 44 37.6	-0.7
E27K	Coleen River comp=Z,6.8nm,0.8s	75.67 337	IAMB	IAMB	07 44 39.3	
E27K	Coleen River baz=79,SNR=16	75.67 337	P	P	07 44 37.5	-0.5
YUK4	Talbot Arm baz=80	75.73 330	P	P	07 44 37.7	-0.9
O29M	Mount Kennedy baz=79	75.89 329	P	P	07 44 39.2	-0.2
BRWY	Burwash Landin baz=79	75.91 330	P	P	07 44 39.3	-0.1
G27K	Doyon Strip baz=78	75.97 336	P	P	07 44 39.5	-0.2
H27K	Steamboat Moun comp=Z,4.7nm,0.9s	76.04 335	P	P	07 44 41.2	
H27K	Steamboat Moun baz=78,SNR=6.6	76.04 335	P	P	07 44 39.7	-0.4
C27K	Jago River comp=Z,11nm,1.1s	76.12 339	IAMB	IAMB	07 44 55.4	
C27K	Jago River baz=77,SNR=7.6	76.12 339	P	P	07 44 40.4	0.0
I27K	Kandik River comp=Z,6.8nm,1.0s	76.21 335	IAMB	IAMB	07 44 43.8	
I27K	Kandik River baz=78,SNR=6.1	76.21 335	P	P	07 44 40.9	-0.2
YUK8	Steele Glacier baz=78	76.27 330	P	P	07 44 41.5	-0.3
C26K	Camden Bay baz=76	76.45 339	P	P	07 44 42.8	+0.5
YUK3	Moose Creek baz=78,SNR=7.0	76.50 331	P	P	07 44 42.7	-0.3
BVCY	Beaver Creek baz=78,SNR=8.1	76.55 331	P	P	07 44 43.4	+0.3
O28M	Mount Upton baz=78,SNR=5.8	76.58 330	P	P	07 44 43.7	+0.1
F26K	Sheenjek River comp=Z,5.4nm,0.9s	76.72 337	IAMB	IAMB	07 44 45.5	
F26K	Sheenjek River baz=79,SNR=8.6	76.72 337	P	P	07 44 44.2	+0.3
K27K	Chicken comp=Z,6.5nm,1.2s	76.75 329	P	P	07 44 44.7	+0.4
PINM	Pinnacle baz=78	76.75 329	P	P	07 44 44.7	+0.4
G26K	Porcupine Rive baz=76	76.76 336	P	P	07 44 44.8	+0.7
BCAR	Beaver Creek A	76.83 332	P	P	07 44 45.0	+0.4

I26K	Coal Creek Min baz=76	76.90 335	P	P	07 44 45.7	+0.8
M27K	Edge Creek, AK comp=Z,6.3nm,0.9s	77.03 332	IAMB	IAMB	07 44 47.5	
M27K	Edge Creek, AK baz=77,SNR=6.0	77.03 332	P	P	07 44 46.4	+0.5
D25K	Kavik River comp=Z,9.8nm,0.9s	77.10 339	IAMB	IAMB	07 44 48.0	
D25K	Kavik River baz=74	77.10 339	P	P	07 44 46.6	+0.5
E25K	Arctic Village comp=Z,10.0nm,1.1s	77.14 338	IAMB	IAMB	07 44 55.7	
E25K	Arctic Village baz=75	77.14 338	P	P	07 44 47.1	+0.9
F25K	Christian River comp=Z,5.3nm,0.9s	77.30 337	IAMB	IAMB	07 44 49.0	
F25K	Christian River baz=77	77.30 337	P	P	07 44 47.9	+0.7
GRNC	Granitic Creek comp=Z,13nm,1.2s	77.34 330	IAMB	IAMB	07 44 57.0	
KIV	Kislovodsk comp=Z,12nm,1.1s	77.42 48	P	P	07 44 48.5	+0.1
M26K	Nabesna, AK baz=78	77.52 332	P	P	07 44 48.7	+0.2
L26K	Log Cabin Wild baz=76	77.53 332	P	P	07 44 48.9	+0.3
SCRK	Sand Creek baz=78	77.57 337	P	P	07 44 49.1	+0.2
KBZ	Khabaz comp=Z,3.5nm,0.8s,baz=283,slow=4.5,SNR=7.4	77.61 48	P	P	07 44 51.0	+1.8
G25K	Beam Lake baz=74,SNR=6.5	77.69 336	P	P	07 44 50.1	+0.8
MENT	Mentasta comp=Z,7.2nm,1.0s	77.71 332	IAMB	IAMB	07 44 50.9	
C24K	Franklin Bluff comp=Z,8.0nm,1.1s	77.77 340	IAMB	IAMB	07 45 05.3	
C24K	Franklin Bluff baz=72	77.77 340	P	P	07 44 50.3	+0.6
MCAR	McCarthy VSAT baz=78,SNR=5.6	77.78 331	P	P	07 44 49.8	-0.1
PRP	Porcupine Dome baz=74,SNR=8.0	77.81 335	P	P	07 44 50.3	+0.1
CRQE	Cirque baz=78	77.97 330	P	P	07 44 51.6	+0.4
J25K	Salcha River, baz=74	77.99 334	P	P	07 44 51.1	0.0
D24K	Happy Valley comp=Z,6.5nm,1.1s	77.99 339	IAMB	IAMB	07 44 54.2	
D24K	Happy Valley baz=72	77.99 339	P	P	07 44 51.5	+0.6
RIDG	Independent Ri comp=Z,6.6nm,1.0s	78.00 333	IAMB	IAMB	07 44 53.5	
RIDG	Independent Ri baz=74	78.00 333	P	P	07 44 51.0	-0.2
GLB	Gilahina Butte comp=Z,6.3nm,1.0s	78.14 331	IAMB	IAMB	07 44 56.8	
F24K	Squaw Lake comp=Z,11nm,1.1s	78.15 337	IAMB	IAMB	07 44 55.6	
F24K	Squaw Lake baz=73,SNR=9.1	78.15 337	P	P	07 44 52.6	+0.7
E24K	Your Creek comp=Z,11nm,1.0s	78.20 338	IAMB	IAMB	07 44 54.8	
E24K	Your Creek baz=72	78.20 338	P	P	07 44 52.0	-0.2
G24K	Hadweenzic Riv comp=Z,5.9nm,0.9s	78.24 336	IAMB	IAMB	07 44 54.5	
G24K	Hadweenzic Riv baz=73,SNR=9.6	78.24 336	P	P	07 44 52.8	+0.4
C23K	Itkillik River baz=71	78.37 340	P	P	07 44 53.4	+0.3
K24K	Donnelly Dome comp=Z,12nm,1.1s	78.38 333	IAMB	IAMB	07 44 57.3	
K24K	Donnelly Dome baz=74	78.38 333	P	P	07 44 53.3	+0.1
TOLK	Toolik Lake Re baz=74	78.41 339	P	P	07 44 53.1	-0.2
N25K	Chitina, Valde baz=74	78.46 331	P	P	07 44 53.8	0.0
PAX	Paxson comp=Z,5.6nm,0.9s	78.48 333	IAMB	IAMB	07 44 54.9	
PAX	Paxson baz=74,SNR=6.7	78.48 333	P	P	07 44 54.1	+0.2
HARP	HAARP baz=74	78.50 332	P	P	07 44 54.0	+0.1
ILAR	Elcom Array comp=Z,11nm,0.9s,baz=72,slow=4.7,SNR=5.7	78.57 335	P	P	07 44 54.4	+0.2
E23K	Chandalar comp=Z,5.5nm,1.1s	78.61 338	IAMB	IAMB	07 45 03.6	
E23K	Chandalar baz=71,SNR=7.2	78.61 338	P	P	07 44 54.7	+0.2
BMRM	Bremner River baz=74	78.63 330	P	P	07 44 54.3	-0.4
H24K	Noodor Dome comp=Z,12nm,1.1s	78.65 336	IAMB	IAMB	07 44 58.6	
H24K	Noodor Dome baz=72,SNR=9.0	78.65 336	P	P	07 44 55.2	+0.4
D23K	Nanushuk River baz=70	78.68 339	P	P	07 44 55.5	+0.7
POKR	Poker Plat Res baz=73	78.69 335	P	P	07 44 55.4	+0.5
HDA	Harding Lake baz=73	78.70 334	P	P	07 44 55.3	+0.4
KAIM	Kayak Island baz=74	78.82 329	P	P	07 44 55.3	-0.5
COLA	College comp=Z,11nm,1.1s	78.93 335	P	P	07 44 56.6	+0.4
COLA	College baz=73	78.93 335	P	P	07 44 56.0	-0.1
CCB	Clear Creek Bu comp=Z,12nm,1.0s	78.98 335	IAMB	IAMB	07 44 57.7	
M24K	Tolsona, Glenn baz=73	79.03 332	P	P		

Table with columns: ILAR, Eielson Array, 63.81 22 P, 08 10 58.2 -2.1, etc.

NEIC 28 07:58:52.2-1.2, 177.88N-0.03:66.93W-0.01, h10km, mb2.5, ML3.6/37, Md3.2/22(RSPR), Error ellipse: s-maj=5.9km, s-min=2.9km, az=14.0

RSPR 28 07:58:52.9-1.7, 179.2N-66.94W, h13km, MD3.2/22, OSPL 28 07:58:52.9-0.3, 177.79N-66.92W, h2km, mb4m, ML4.3, Presumed earthquake

ISC 28 07:58:52.5-1.1, 177.91N-0.05:66.93W-0.02, h17km, 5km, n43, c#83/62, 13D, Puerto Rico region

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their data.

KRNET 28 08:23:40.8-0.1, 42.01N-77.62E, h23km, mb2.5, SOME 28 08:23:40.9, 42.08N-77.62E, h15km, NNC 28 08:23:41.4, 0.6, 42.15N-77.65E, h0km, mb2.6, mpv2.6, Error ellipse: s-maj=4.3km, s-min=1.8km, az=175.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists seismic stations for the KRNET and NNC events.

Table with columns: KPKS, 2.4km, 0.3s, 1.61 27 eP, 08 24 29.6 +0.1, etc.

IDC 28 08:43:33.6-0.9, 18.20S-178.22W, h604km, 9km, mb3.5/20, mbmp4.4/22, Error ellipse: s-maj=12.6km, s-min=10.0km, az=139.0

NEIC 28 08:43:33.2-1.4, 18.2S-0.1:178.1W-0.1, h59km, 7km, mb4.5/48, Error ellipse: s-maj=18.9km, s-min=15.4km, az=106.0

ISC 28 08:43:32.4-0.4, 18.16S-0.07:178.15W-0.07, h590km, n26, c#89/141, mb4.4/47, 3C-6D, Fiji Islands region

Main table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, ISC. Lists various seismic stations and their data.

Main table with columns: KIWB, Kanaga Island, 69.72 1 P, 08 53 43.8 +0.1, etc.

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FUORN Ofenpass-Fuorn 150.78 348 PKIKP 09 02 19.8 +0.2
CTI Castel Tesino 151.02 346 PKPab 09 02 29.5 -0.5
ESDC Sonseca Array 157.97 12 PKPab 09 02 58.8 -1.1

CNRM 28 08:52:16.9, 35.14N, 3.27W, h28km, ML2.8
MDD 28 08:52:19.0, 0.6, 35.14N, 3.23W, h10km, 4km, mb_Lg2.6/19,
Error ellipse: s-maj=6.6km s-min=3.5km az=142.0
SFS 28 08:52:19.4, 35.13N, 3.18W, h14km, ML2.9/12, ML3.2/12,
ML2.8/12
INMG 28 08:52:19.2, 1.6, 35.17N, 3.19W, h8km, 8km, ML2.2, Error
ellipse: s-maj=6.6km s-min=4.1km az=131.0
#DIST_RANGE: REGIONAL #PMA_REGION: SW Melilla
ISC 28 08:52:17.6: 1.1, 35.08N, 0.03, 3.21W: 0.03, h20km, 3km,

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

SDD 28 08:57:24.0, 20.0, 17.52N, 68.65W, h144km, 244km, MD3.3,
ML3.1, MW3.0, Presumed earthquake
NEIC 28 08:57:30.9, 0.8, 19.31N, 0.04, 67.81W: 0.03, h10km, 2km,
s-min=3.8km az=16.0
RSPR 28 08:57:31.4, 19.64N, 67.66W, h29km, 32km, MD3.5/13
ISC 28 08:57:32.5, 1.3, 19.24N, 0.07, 67.83W: 0.03, h33km, 17km,
n41, c152/61, 22C-7D, Mona Passage

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the Mona Passage region.

2020 JUN

Main table of seismic events for 2020 JUN. Columns include Code, Station Name, Az, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists events like AGPR, AGPR, AGPR, etc.

ISC 28 09:05:35.9, 7.0, 0.36S, 98.05E, h0km, mb3.3/3,
mbtmp3.3/3, ML5.3/1, Error ellipse: s-maj=340.4km
s-min=30.0km az=52.0
DJA 28 09:05:40.6, 0.2, 1.1N, 2.9E, h10km, M4.1/19,
MLV4.1/19
ISC 28 09:05:40.7, 1.0, 0.51N, 0.05, 98.43E: 0.05, h35km, n19,
c244/15, mb3.2/3, Northern Sumatra

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the Northern Sumatra region.

ISC 28 09:16:31.6, 0.9, 10.26S, 92.01E, h0km, mb3.8/9,
mbtmp3.8/9, MS3.3/4, Error ellipse: s-maj=37.8km
s-min=18.1km az=74.0
ISC 28 09:16:33.1, 1.0, 10.35S, 0.1, 92.00E: 0.3, h10km, n22,
c191/12, mb3.9/9, MS3.1/4, South Indian Ocean

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the South Indian Ocean region.

28d 9h

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the 28d 9h period.

ISC 28 09:31.2, 2.2, 26.26N, 144.08E, h0km, mb3.5/3,
mbtmp3.9/5, ML3.6/2, MS3.5/1, Error ellipse: s-maj=57.7km
s-min=20.0km az=64.0
ISC 28 09:30.35, 2.1, 6.263N, 0.1, 144.20E: 0.2, h31km, n13,
c193/7, mb3.4/3, Bonin Islands region

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the Bonin Islands region.

ISC 28 09:33:33.1, 0.8, 9.15S, 0.1, 109.0W: 0.2, h10km, n73,
c152/47, mb4.4/26, MS3.5/20, 1C, Central East Pacific Rise

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, h, m, s, ISC. Lists seismic stations for the Central East Pacific Rise region.

28d 10h

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like LEMN, ANMO, Z47A, LRAL, S11A, etc.

SOME 28 09:37:33.4, 43.72N, 82.32E, h20km
NNC 28 09:37:36.2, 1.9, 43.58N, 82.11E, h0km, mb3.5, mpv3.2, Error ellipse: s-maj=17.1km s-min=6.6km az=139.0, Suspected Mining explosion.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like DJR, PDGK, KNOS, UZB, etc.

IDC 28 09:38:34.9, 1.2, 4.77N, 126.28E, h0km, mb3.7/8, mbmp3.7/9, ML3.6/1, MS3.0/3, Error ellipse: s-maj=167.4km s-min=15.5km az=68.0

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

2020 JUN

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

CATAC 28 09:44:37.8, 0.8, 14.1N, 5.9W, h2km, 4km, M3.2/14, MLv3.2/14, Error ellipse: s-maj=11.3km s-min=4.9km az=24.8, confirmed

ISC 28 09:44:38.7, 2.2, 13.82N, 0.08, 91.36W, 0.06, h3km, 12km, n3, 0.8, 107.55, Near coast of Guatemala

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like STG5, STG2, STG8, etc.

MOS 28 10:01:14.9, 1.0, 29.14N, 130.46E, h24km, mb4.6/27, MS4.1/6, Error ellipse: s-maj=9.1km s-min=5.7km az=106.6

BUI 28 10:01:16.7, 29.10N, 130.47E, h32km, mb4.7/13, mb4.5/48, Ms4.3/39, Ms7.4/239

NIED 28 10:01:18.9, 29.24N, 130.44E, h61km, MW4.6, Moment Tensor Solution, s3 Moment tensor: Scale 10^15Nm; M1:3.18; M2:-0.85; M3:-2.33; M4:3.30; M5:-3.86; M6:6.45; Fault plane solution: M=8.51000x10^15 NP1: phi=245.00000; delta=0.00000; lambda=127.00000; NP2: phi=26.00000; delta=5.00000; lambda=78.00000.

JMA 28 10:01:18.9, 0.1, 29.22N, 0.4, 130.0E, h61km, 3km, MD4.4/38, MV4.1/38, NEAR AMAMI-OSHIMA ISLAND

JMA Felt J1 at NEAR AMAMI-OSHIMA ISLAND. IDC 28 10:01:19.9, 1.6, 29.20N, 130.46E, h7km, 15km, mb4.0/23, mbmp4.2/27, ML3.3/4, MS3.9/47, Error ellipse: s-maj=18.1km s-min=11.5km az=118.0

NEIC 28 10:01:19.0, 1.4, 29.21N, 0.06, 130.43E, 0.09, h33km, 6km, mb4.6/35, Error ellipse: s-maj=12.4km s-min=8.1km az=110.0

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, h, m, s, ISC. Includes stations like JNN, JZK, JZK, JAM.

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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 JAM, JYAK, JYAK, JTAJ, etc.

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

IDC 28 10:49:19.6:2.1, 291.08N, 130.59E, h55km, 19km, mb3.5/14, s-maj=13.717, ML2.9/3, MS3.1/7, Error ellipse: s-maj=22.4km s-min=13.1km az=111.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like JNN, Nakanoshima, JJK, Kikashima, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like AZER, TEH, IZSR, etc.

INMG 28 11:11:28.2:1.4, 35.64N, 10.10W, h38km, ML2.3, Error ellipse: s-maj=6.2km s-min=2.7km az=97.0

IGIL 28 11:11:28.4:1.0, 35.65N, 10.05W, h32km, ML2.4 MDD 28 11:11:31.3:1.0, 35.65N, 9.23W, h21km, 9km, mb_Lg3.0/16, Error ellipse: s-maj=7.9km s-min=4.2km az=68.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PVFI, Vila Bisbo, MORF, Marneleto, etc.

IDC 28 10:49:18.9:1.1, 29.14N, 00.04, 130.58E, 0.06, h47km, 11km, n34, c059139, mb3.7/13, MS3.0/6, Ryukyu Islands

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PBDV, Barranco-do-Ve, PVAQ, Vaqueiros, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like ECAB, PSARD, PSARD, Marv??o, etc.

INMG 28 11:12:03.9:0.8, 36.57N, 7.96W, h33km, Error ellipse: s-maj=9.3km s-min=4.0km az=160.0

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PBDV, Barranco-do-Ve, PVAQ, Vaqueiros, etc.

AFAD 28 11:18:31.0: 35.51N, 26.47E, h10km, 9km, MW4.2 IDC 28 11:18:32.7:0.5, 35.45N, 26.74E, h0km, mb4.2/25, mbmp4.2/36, ML3.9/11, MS3.7/52, Error ellipse: s-maj=12.4km s-min=10.1km az=167.0

MOS 28 11:18:32.7:1.3, 35.35N, 26.70E, h10km, mb4.5/18, Error ellipse: s-maj=6.0km s-min=3.6km az=85.5

ATH 28 11:18:35.0: 35.35N, 26.81E, h26km, Mw4.6, Moment Tensor Solution, s8 Moment tensor: Mw=4.29; Mw=4.97; Mw=9.26; Mw=3.62; Mw=5.19; Mw=1.27; Fault plane solution: NP1=159.00000, 865.00000, -1.152.00000; NP2=57.00000, 865.00000, -1.27.00000

MCSM 28 11:18:34.8:0.4, 35.1N, 26.7E, h8km, 2km, mb4.4, mb4.6, ML4.3, Mw(mb)3.8

ISK 28 11:18:34.3: 35.56N, 26.67E, h5km, ML4.3/30 NEIC 28 11:18:35.1: 8.35, 43N, 0.08, 26.67E, 0.07, h10km, 2km, mb4.4/20, Error ellipse: s-maj=13.6km s-min=9.3km az=183.0

THE 28 11:18:35.5: 36.1N, 2.7E, h5km, 3km, M4.3/35, ML4.3/35

MED_RC 28 11:18:35.0: 35.45N, 26.66E, h10km, Mw4.5, Moment Tensor Solution, Moment tensor: Scale 1015Nm; Mw=2.72; Mw=1.80; Mw=0.58; Mw=0.00; Mw=3.51; 1.76; Mw=5.22; Mw=0.41; Mw=0.98; Fault plane solution: Ms=0.70000*1015 NP1=351.00000, 856.00000, -1.159.00000; NP2=249.00000, 873.00000, -1.36.00000; Principal axes: T 8.0800, P1g11.0000, Azm303.0000; N 0.0000, P1g5.0000, Azm47.0000; P -8.0700, P1g38.0000, Azm205.0000

GII 28 11:18:39.7:0.0, 35.277N, 0.003, 26.933E, 0.001, h0km, Mw4.2, confirmed

ISC 28 11:18:35.4:0.5, 35.42N, 0.003, 26.70E, 0.02, h16km, 3km, n497, c1138/534, mb4.4/51, MS3.8/45, 22C-26D, Crete

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

Main table containing astronomical data for 28 days and 11 hours, listing various objects, their coordinates, and other parameters.

JMA 28 15:29:28.0±0.5, 33°N, 127°13'E, h379km, 4km, MV2.7/28, FAR S OFF TOKAI DISTRICT

ISC 28 15:29:33.3±1.2, 33°46'N-137°84'E, h340km, 19km, mb2.8/6, mbmp3.5/8, Error ellipse: s-maj=46.5km s-min=15.8km az=65.0

ISC 28 15:29:33.5±0.9, 33°50'N, 0°09'137.84E, 0.09, h350km, n24, r=142°27', mb3.0/6, Near south coast of eastern Honshu

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like TONO, JIE, JTTN, etc.

SJA 28 15:33:24.1±0.8, 18°90'S, 69°62'W, h121km, 3km, ML4.0, MW3.9

NEIC 28 15:33:25.7±1.2, 18°94'S, 0°05'69.64W, 0.03, h116km, 6km, mb4.2/7, ML3.9(GUC), Error ellipse: s-maj=7.8km s-min=4.0km az=203.0

ISC 28 15:33:26.0±0.8, 18°90'S, 69°36'W, h117km, 6km, mb3.7/7, mbmp4.0/10, Error ellipse: s-maj=18.1km s-min=12.8km az=118.0

GUC 28 15:33:26.6±0.6, 18°93'S, 69°63'W, h112km, 3km, ML3.9

VAO 28 15:33:29.6±1.5, 18°84'S, 69°04'W, h129km, 6km, mb4.3, h113km, p-P, n85, r=120/11, mb4.0/6, 3C-2D, Northern Chile

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like PB16, PX02, PB12, etc.

PSGCG Pisagua 0.91 219 Pn Pn 15 33 45.6 ±0.0

AP01 Chacalluta 0.94 303 eS Pn 15 33 45.4 ±0.3

AP01 Chacalluta 0.94 303 eS Pn 15 34 02.0 ±0.5

AP01 Chacalluta 0.94 303 I/P Pn 15 33 46.1 ±0.3

AP01 Visviri 1.29 1 eS Pn 15 33 52.3 ±2.2

AP01 Visviri 1.29 1 eP Pn 15 33 52.8 ±2.7

PB08 IPOC Station P 1.29 165 eP Pn 15 34 02.4 ±1.4

PB08 IPOC Station P 1.29 165 eS Pn 15 33 50.7 ±0.8

PB08 IPOC Station P 1.29 165 eS Pn 15 34 10.9 ±2.1

PB08 IPOC Station P 1.29 165 I/P Pn 15 33 51.4 ±1.4

PB08 IPOC Station P 1.29 165 I/S Pn 15 34 10.4 ±1.6

PB08 IPOC Station P 1.29 165 IAML Pn 15 34 12.2

TA02 Huaiquique 1.50 203 eS Pn 15 33 52.2 ±0.3

TA02 Huaiquique 1.50 203 eS Pn 15 34 12.2 ±0.2

TA02 Huaiquique 1.50 203 eP Pn 15 34 19.9

TA02 Huaiquique 1.50 203 I/S Pn 15 33 52.0 ±0.1

TA02 Huaiquique 1.50 203 I/S Pn 15 34 11.1 ±1.2

comp=Z, 217nm, 0.6s

PB06 IPOC Station P 3.80 181 Pn Pn 15 34 21.8 ±0.0

PB06 IPOC Station P 3.80 181 eP Pn 15 34 22.2 ±0.5

PB06 IPOC Station P 3.80 181 eS Pn 15 35 06.0 ±0.2

PB06 IPOC Station P 3.80 181 IAML Pn 15 35 53.4

comp=Z, 103nm, 0.8s

PB05 IPOC Station P 4.00 189 Pn Pn 15 34 24.0 ±0.4

PB05 IPOC Station P 4.00 189 eP Pn 15 34 23.9 ±0.5

PB05 IPOC Station P 4.00 189 eS Pn 15 35 09.2 ±1.3

PB10 IPOC Station P 4.71 192 Pn Pn 15 34 32.4 ±1.4

PB10 IPOC Station P 4.71 192 eS Pn 15 35 24.8 ±2.5

PB10 IPOC Station P 4.71 192 IAML Pn 15 35 25.6

comp=Z, 51nm, 0.6s

SIV San Ignacio 8.55 72 P Pn 15 35 24.9 ±1.0

comp=Z, 17nm, 0.5s, baz=261, slow=11, SNR=99

SIV 8.55 72 P Pn 15 35 50.5 ±1.5

comp=Z, 3.8nm, 0.9s, baz=112, slow=20, SNR=3.1

BBSO Serra de San D 8.63 90 P Pn 15 35 25.2 ±1.8

PTLB Pontes e Lacer 10.49 73 P Pn 15 35 50.6 ±1.5

PTLB Pontes e Lacer 10.49 73 eP Pn 15 35 25.6 ±1.5

VILB Vilhena 10.72 58 P Pn 15 35 54.7 ±0.6

VILB Vilhena 10.72 58 eP Pn 15 35 54.1 ±1.2

CPUP Villa Florida 13.46 126 P Pn 15 36 30.1 ±1.3

comp=Z, 0.7nm, 0.4s, baz=236, slow=13, SNR=3.0

CPUP 13.46 126 P Pn 15 36 32.1 ±0.7

SALV Santo Antonio 13.52 79 P Pn 15 36 30.5 ±1.7

PP1B Ponte de Pedra 13.96 87 eP Pn 15 36 37.1 ±0.7

CLDB Colider 15.46 61 eP Pn 15 36 56.7 ±0.2

TRCB Terra Rica 16.25 107 P P 15 37 07.9 ±0.3

comp=Z, 26nm, 0.9s

PTGB Pitanga 17.20 113 eP Pn 15 37 17.1 ±1.1

MACA Manacapuru-AM 17.86 30 eP Pn 15 37 24.8 ±0.5

ITAB Concordia 18.01 121 P P 15 37 27.6 ±0.7

comp=Z, 13nm, 1.1s

NPGB Novo Progresso 18.11 51 eP Pn 15 37 27.2 ±0.9

CPBS Cacapava Do Su 18.55 131 P P 15 37 33.5 ±0.7

comp=Z, 13nm, 0.9s

CPBS Cacapava Do Su 18.55 131 P P 15 37 33.3 ±0.5

CPBS Serra Nova Du 18.55 71 eP Pn 15 37 35.9 ±0.3

SNDB Itaituba 19.73 45 eP Pn 15 37 45.0 ±0.8

ITPB Iperame, GO 20.23 91 eP P 15 37 50.8 ±0.4

ITPB Iperame, GO 20.23 91 eP P 15 37 50.8 ±0.4

BDFB Brasilia 20.78 84 eP P 15 37 57.9 ±0.3

BDFB Brasilia 20.78 84 P P 15 37 57.9 ±0.3

comp=Z, 11nm, 1.3s

PMNB Patos De Minas 21.85 93 eP Pn 15 38 07.7 ±1.0

JANB Januaria 24.39 85 eP P 15 38 32.1 ±0.8

JANB Januaria 24.39 85 eP P 15 38 32.1 ±0.8

1.1nm, 0.6s

WRA Warramunga Arr 44.26 191 P P 16 20 13.2 ±0.2

0.6nm, 0.3s, baz=91, slow=8.2, SNR=10

FITZ Fitzroy Crossi 44.84 203 P P 16 20 16.9 ±0.6

2.4nm, 0.9s, baz=30, slow=16, SNR=2.0

ASAR Alice Springs 47.98 191 P P 16 20 41.9 ±0.2

0.2nm, 0.5s, baz=13, slow=7.9, SNR=4.5

MKAR Makanchi Array 52.79 312 P P 16 21 19.7 ±1.7

0.2nm, 0.6s, baz=92, slow=7.3, SNR=2.2

0.2nm, 0.6s

KRSC 28 16:13:02.3±1.7, 50°88'N-158°32'E, h40km, 23km, ML4.3

MOS 28 16:13:04.6±0.8, 50°95'N-158°06'E, h55km, mb3.9/1, Error ellipse: s-maj=17.1km s-min=4.3km az=85.5

ISC 28 16:13:10.1±3.6, 51°14'N-157°61'E, h83km, 34km, mb3.1/5, mbmp3.4/5, MS2.4/1, Error ellipse: s-maj=32.2km s-min=27.4km az=159.0

ISC 28 16:13:05.3±1.3, 50°94'N, 0°07'158.13E, 0.06, h45km, 14km, r=172, r=141/85, mb3.4/6, 1C-1D, East of Kuril Islands

Table with columns: Code, Station Name, Δ°, AZ°, Phase ID, Time, Res, ISC. Lists stations like KDTR, PAU, SKR, etc.

comp=N, 2um, 0.6s

SKR Severo-Kuril's 1.30 260 eP Pn 16 13 27.2 ±0.2

SKR Severo-Kuril's 1.30 260 eS Pn 16 13 40.0 ±0.8

ASAK Asacha 1.46 354 Pn Pn 16 13 29.0 ±0.2

ASAK Asacha 1.46 354 eP Pn 16 13 28.9 ±0.1

RUS Russkaya 1.52 9 Pn Pn 16 13 27.7 ±0.3

RUS Russkaya 1.52 9 Pn Pn 16 13 27.7 ±0.3

RUS Russkaya 1.52 9 eP Pn 16 13 27.2 ±0.9

RUS Russkaya 1.52 9 eS Pn 16 13 35.2

MTVR Mutnovka 1.55 1 Pn Pn 16 13 37.4 ±0.7

MTVR Mutnovka 1.55 1 Pn Pn 16 13 37.4 ±0.7

MIPR Malaya Ipe'l'ka 1.59 328 Pn Pn 16 13 31.7 ±0.8

MIPR Malaya Ipe'l'ka 1.59 328 eP Pn 16 13 31.8 ±0.8

GRL Gorelyy 1.62 359 Pn Pn 16 13 51.4 ±0.3

GRL Gorelyy 1.62 359 eS Pn 16 13 51.6 ±0.1

GRL Gorelyy 1.62 359 eS Pn 16 13 51.4 ±0.3

KRMR Karymshinskiy 1.90 360 Pn Pn 16 13 35.4 ±0.3

KRMR Karymshinskiy 1.90 360 eP Pn 16 13 35.5 ±0.3

APC Apacha 2.08 344 Pn Pn 16 13 38.7 ±0.7

APC Apacha 2.08 344 eP Pn 16 13 38.7 ±0.7

PET Petropavlovsk 2.12 9 eP Pn 16 13 37.8 ±0.3

PET Petropavlovsk 2.12 9 eS Pn 16 14 02.3 ±0.8

comp=Z, 109nm, 0.3s

PET 2.12 9 Pn Pn 16 14 02.3 ±0.8

comp=E, 298nm, 0.4s

PET 2.12 9 Pn Pn 16 14 02.3 ±0.8

comp=N, 360nm, 0.4s

DALK Dalny 2.13 10 Pn Pn 16 13 38.3 ±0.0

ISC 28 15:49:53.6±2.5, 24°10'S, 179°65'E, h554km, 32km, mb2.8/4, mbmp3.7/5, Error ellipse: s-maj=32.6km s-min=23.9km az=167.0

ISC 28 15:48:52.2±1.1, 24°25'S, 0°2'179.7E, 0.2, h537km, n6, r=206/6, mb3.4/4, South of Fiji Islands

Code Station Name Δ° AZ° Phase ID Time Res ISC

MSVF Novsavi 6.64 347 P Pn 15 51 36.8 ±0.4

ASAR Alice Springs 41.67 261 P Pn 15 56 52.9 ±1.2

WRA Warramunga Arr 42.07 267 P Pn 15 56 58.9 ±1.6

GSPA South Pole Qui 65.85 180 P Pn 15 59 45.1 ±0.6

TXAR Lajitas Array 90.88 58 P Pn 16 01 59.5 ±0.5

HFS Hagfors 142.81 348 PKP PKP 16 08 21.2 ±2.8

ISC 28 16:12:17.7±2.1, 23°32'N, 142°74'E, h150km, 38km, mb3.1/5, mbmp3.6/8, Error ellipse: s-maj=123.6km s-min=19.5km az=76.0

JMA 28 16:12:21.3±0.1, 24°1'N, 141°1'E, h162km, 1km, MV4.9/19, ITO ITO ISLANDS REGION

ISC 28 16:12:18.2±1.5, 23°36'N, 0°08'142.5E, 0.4, h150km, n16, r=153/19, mb3.5/5, Volcano Islands region

Code Station Name Δ° AZ° Phase ID Time Res ISC

JHH2 Haha-jima-NKT2 2.77 354 P Pn 16 13 04.9 ±2.1

JHH2 Haha-jima-NKT2 2.77 354 S Pn 16 13 37.9 ±0.7

CBJ1 Chichi jima 3.23 355 P Pn 16 13 10.9 ±2.0

CBJ1 Chichi jima 3.23 355 P Pn 16 13 47.9 ±0.3

JCJ1 Chichijima 49.00 35, baz=258, slow=23, SNR=3.2

comp=Z, 2.0nm, 0.5s, baz=224, slow=4.1, SNR=3.6

DBIC Dimbokro 68.56 75 P Pn 15 44 16.8 ±0.8

DBIC Dimbokro 68.56 75 P Pn 15 44 16.8 ±0.8

DBIC Dimbokro 68.56 75 P Pn 15 44 16.8 ±0.8

DBIC Dimbokro 68.56 75 P Pn 15 44 16.8 ±0.8

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DBIC Dimbokro 68.56 75 P Pn 15 44 16.8 ±0.8

DBIC Dimbokro 68.56 75 P Pn 15 44 16.8 ±0.8

MAGU	Magoula	4,07 293 P	Pn	17 44 29.4 +1.4	PLVB Pleven	7,33 339 ↑P	Pn	17 45 13.4 +0.8	SUDU	comp=Z,202nm,0.5s	pmax	pmax	17 45 46.6
STFN	Stefani	4,08 294 P	Pn	17 44 30.2 +2.0	KEK Kerkiya	7,36 298 Pn	Pn	17 45 15.0 +1.9	SUDU	comp=N,144nm,0.7s	smax	smax	17 47 39.3
ANKY	Antikythira Is	4,08 261 P	Pn	17 44 30.2 +2.0	OHR Ohrid	7,36 310 P/Ph	Pn	17 45 16.3 +3.2	SUDU	comp=E,420nm,0.6s	smax	smax	17 47 39.3
LIA	Limnos Island	4,09 324 P	Pn	17 44 29.1 +0.8	HMDT Nahal Hemdat	7,40 124 P	Sn	17 45 13.0 -0.7	UPM	Unac-Piva	9,75 315 ↑P/Ph	Pn	17 45 49.6 +3.7
OSMT	Osmanlye	4,15 15 Pn	Pn	17 44 29.2 +0.0	HMDT Nahal Hemdat	7,40 124 P	Sn	17 45 32.9 -3.3	BRY	Bratogost	9,78 313 ↑P/Ph	Pn	17 45 48.1 +1.9
RKY	Sarkoy-Tekirda	4,17 30 Pn	Pn	17 44 30.9 +0.1	AMAZ	7,48 131 S	Sn	17 46 14.2 +0.8	TREB	Trebjine	9,81 312 ↑P/Ph	Pn	17 45 47.1 +1.0
YORU	Yoruktepe-Mers	4,17 95 Pn	Pn	17 44 30.9 +1.4	ICOR Ion Corvin	7,51 357 ↑P	Pn	17 45 16.1 +0.9	ONER	Onera Valea Uz	9,82 352 S	Pn	17 45 48.9 +0.9
TEVE	Tevekalti-Mers	4,17 91 Pn	Pn	17 44 31.0 +1.5	SKO Skopje	7,53 317 P/Ph	Pn	17 45 18.1 +2.7	MATE	Matera	9,91 298 ↑P/Ph	Pn	17 45 48.3 +0.5
YLHV	Yalova	4,17 12 Pn	Pn	17 44 29.5 +0.0	UJAP Al Uja	7,55 126 P	Sn	17 45 15.0 -0.6	MATE	Matera	9,91 298 ↑P/Ph	Pn	17 45 49.2 +1.4
GAZK	Gazikoy-TEKIRD	4,20 350 Pn	Pn	17 44 30.1 +0.2	UJAP Al Uja	7,55 126 P	Sn	17 45 36.2 -3.5	BBLs	Lazići	9,92 320 ↑P/Ph	Pn	17 45 50.3 +2.2
OREN	Orenkoy-Mersin	4,21 94 Pn	Pn	17 44 30.9 +1.0	KZIT Kziot	7,64 136 S	Sn	17 46 38.5 -3.4	MDB	Medias	9,96 344 ↑P/Ph	Pn	17 45 50.5 +1.8
GULV	Gulveren	4,22 30 Pn	Pn	17 44 30.2 +0.2	CVCN Cernavoda	7,72 359 ↑P	Pn	17 45 20.0 +2.0	MDB	Medias	9,96 344 ↑P/Ph	Pn	17 45 50.4 +1.8
VILL	Villia	4,24 293 P	Pn	17 44 32.5 +0.0	YTHR Yatir	7,72 131 P	Pn	17 45 17.4 -0.8	TESC	Tescani	9,97 354 ↑P/Ph	Pn	17 45 48.8 +0.4
TEPK	Tepekoy-MERSIN	4,27 94 Pn	Pn	17 44 32.6 +1.7	COPA Copaceanca	7,87 344 ↑P/Ph	Pn	17 45 20.1 0.0	TESR	Tescani	9,98 354 ↑P/Ph	Pn	17 45 47.7 -1.0
AKK1	Akkuyu-Mersin	4,28 95 Pn	Pn	17 44 32.7 +1.8	MSBI Mazada	7,91 130 P	Sn	17 45 19.8 -0.7	CEL	Celeste	9,98 283 Pn	Pn	17 45 47.6 -1.4
AKK2	Akkuyu-Mersin	4,29 95 Pn	Pn	17 44 33.0 +2.0	MSBI Mazada	7,91 130 P	Sn	17 46 45.3 -3.2	CEL	Celeste	9,98 283 Pn	Pn	17 45 48.2 -0.7
ERIK	Erikli-Kersin	4,29 342 P	Pn	17 44 30.9 +2.1	TLBR Topalu	7,93 359 ↓P/Ph	Pn	17 45 21.1 +0.2	FEO	Feodosiya	9,98 30 eP	Pn	17 45 49.2 +0.3
VETI	Vetial	4,29 273 P	Pn	17 44 33.2 +1.1	LEHL Lelihu	7,94 352 ↓P/Ph	Pn	17 45 21.5 +0.6	FEO	Feodosiya	9,98 30 eP	Pn	17 47 32.9
BECE	Buyukceceli-Mer	4,29 94 Pn	Pn	17 44 32.8 +1.7	AMRR Amara	8,03 355 Pn	Pn	17 45 22.2 0.0	FEO	Feodosiya	9,98 30 eP	Pn	17 45 49.2 +0.3
BUYA	Buyukada-Istan	4,31 9 Pn	Pn	17 44 31.5 +0.2	GHAJ Ghor Haditha	8,04 129 Pn	Pn	17 45 22.4 0.0	FEO	comp=Z,68nm,0.3s	pmax	pmax	17 45 56.8
HYBA	Hybeliada-Ist	4,31 8 Pn	Pn	17 44 31.4 0.0	GHAJ Ghor Haditha	8,04 129 Pn	Pn	17 45 21.9 -0.6	FEO	comp=N,103nm,0.8s	smax	smax	17 47 38.8
AOS	Alonisios	4,31 308 P	Pn	17 44 32.9 +1.2	GHAJ Ghor Haditha	8,04 129 Pn	Pn	17 46 48.7 -3.1	FEO	comp=E,21nm,0.6s	smax	smax	17 47 38.8
HRT	Hereke	4,35 14 Pn	Pn	17 44 31.7 -0.3	RMNI Mount Ramon	8,07 136 S	Sn	17 45 22.1 -0.9	PURM	Purcari	9,99 6 eP	Pn	17 45 48.5 -0.4
YESI	Yessilovacik-Me	4,35 94 Pn	Pn	17 44 33.5 +1.6	JURR Jurilovca	8,17 3 ↑P	Pn	17 45 24.8 +0.7	VASR	Vaslui	10,04 358 ↑P/Ph	Pn	17 45 49.3 -0.2
POLA	Polati-ANKAR	4,36 44 Pn	Pn	17 44 32.3 +0.2	IDAN Idan	8,19 133 P	Sn	17 45 23.9 -0.6	BZS	Buzias	10,30 333 ↑P/Ph	Pn	17 45 53.9 +0.7
IKL	Isikli	4,38 93 Pn	Pn	17 44 33.3 +0.9	TPGR Topolog	8,24 1 ↓P/Ph	Pn	17 45 24.8 -0.3	BZS	Buzias	10,30 333 ↑P/Ph	Pn	17 45 53.9 +0.7
BOTS	Marmara Eregli	4,38 357 Pn	Pn	17 44 32.3 -0.1	IUMR Humele	8,30 343 P	Pn	17 45 25.5 -1.0	TEKS	Tekis	10,35 323 ↑P/Ph	Pn	17 45 55.9 +1.6
KEBE	Keben-Mersin	4,39 34 Pn	Pn	17 44 34.2 +1.7	ZFRI Zfiri	8,34 134 S	Sn	17 45 25.5 -1.0	KIS	Kishinev	10,39 2 P	Pn	17 45 54.8 +0.4
TISA	Tisan-Mersin	4,40 94 Pn	Pn	17 44 31.9 +1.9	ASF	8,39 119 P	Sn	17 45 27.5 +0.3	GIRR	Girov	10,43 353 ↑P/Ph	Pn	17 45 55.4 +0.5
AVCI	Avcilar-stanb	4,40 4 Pn	Pn	17 44 33.4 +0.8	ASF	comp=Z,68nm,0.3s,baz=322,slow=3,SNR=164	S	17 47 00.1 -0.4	FRGS	Fruska Gora	10,67 326 ↑P/Ph	Pn	17 45 59.6 +1.3
CAVK	Edirne/Enez-Ca	4,40 339 ↑P	Pn	17 44 33.0 +0.5	ASF	comp=Z,155nm,0.3s,baz=129,slow=23,SNR=8-9.3	LR	17 49 38.5	KERU	Kerch	10,67 33 eP	Pn	17 46 00.5 +2.3
SMTH	Samothraki Isl	4,42 332 P	Pn	17 44 33.2 +0.4	PRNI Paran	8,40 136 P	Pn	17 45 25.9 -1.5	KERU	Kerch	10,67 33 eP	Pn	17 46 03.3
CSS	Mathiatis	4,43 110 P	Pn	17 44 31.5 -1.5	PRNI Paran	8,40 136 P	Pn	17 45 26.9 -2.9	CJR	Cluj-Napoca	10,69 342 ↑P/Ph	Pn	17 45 60.0 +1.4
CSS	Mathiatis	4,43 110 P	Pn	17 44 31.5 -1.5	PRNI Paran Flat	8,43 138 P	Pn	17 45 26.4 -1.4	CJR	Cluj-Napoca	10,69 342 ↑P/Ph	Pn	17 45 59.9 +1.4
SAUV	Serdivan-Sakar	4,43 21 Pn	Pn	17 44 33.3 +0.3	KRMI Kriml	8,57 359 ↑P/Ph	Pn	17 46 58.6 -2.7	ANN	Anapa	10,74 37 eP	Pn	17 45 58.9 -0.2
ENEZ	Enez	4,45 339 Pn	Pn	17 44 33.1 -0.1	CFR Carcaliui	8,57 359 ↑P/Ph	Pn	17 46 59.3 -0.2	ANN	Anapa	10,74 37 eP	Pn	17 48 01.6 +0.4
ENEZ	Enez	4,45 339 Pn	Pn	17 44 33.3 +0.7	CFR Carcaliui	8,57 359 ↑P/Ph	Pn	17 45 29.2 -0.2	SIRR	Siria	10,85 335 ↑P/Ph	Pn	17 46 02.3 +1.6
LTK	Loutraki	4,46 290 P	Pn	17 44 35.9 +2.0	TLGR Tulcea	8,58 3 P	Pn	17 45 29.9 +0.1	ARCR	ARCALIA	10,87 346 ↑P/Ph	Pn	17 46 01.9 +0.9
MDUB	Mudurnu	4,49 30 Pn	Pn	17 44 30.1 +0.1	TLGR Tulcea	8,58 3 P	Pn	17 45 30.9 +0.1	DRGR	DRAGA	10,99 340 ↑P/Ph	Pn	17 46 03.9 +0.9
KAVV	Kandilli-Istan	4,50 8 Pn	Pn	17 44 33.2 -0.7	ISR Istrita	8,61 352 ↑P/Ph	Pn	17 45 30.7 +0.6	DRGR	DRAGA	10,99 340 ↑P/Ph	Pn	17 46 03.9 +0.9
ISK	Istanbul-Kandi	4,50 8 Pn	Pn	17 44 33.1 -0.8	ISR Istrita	8,61 352 ↑P/Ph	Pn	17 45 30.7 +0.6	SGRT	San Giovanni R	10,99 302 Pn	Pn	17 46 02.0 -0.8
BGKT	Bogazkoy	4,59 5 Pn	Pn	17 44 34.1 -0.8	ISR Istrita	8,61 352 ↑P/Ph	Pn	17 45 30.4 +0.3	VAE	Valguanneri	11,21 279 Pn	Pn	17 46 01.6 -2.7
LRK	Lokris	4,65 298 P	Pn	17 44 37.6 +1.5	BOVS Boyan	8,63 326 ↑P/Ph	Pn	17 45 32.5 +0.2	VAE	comp=Z,14nm,0.5s,baz=73,slow=1,SNR=11	S	17 48 02.6 -4.3	
ATAL	Atalanti	4,66 298 P	Pn	17 44 37.7 +1.6	HRFI Mount Harif	8,66 137 P	Pn	17 45 30.1 -0.8	VAE	comp=Z,2um,19.2s,baz=124,slow=44	LR	17 51 34.7	
SILT	Sile	4,69 130 Pn	Pn	17 44 36.6 +1.1	GRER Grigori	8,82 354 ↑P/Ph	Pn	17 45 30.0 -1.2	SOC	Sochi	11,20 48 eP	Pn	17 46 05.6 +0.2
SAHE	Sakarya_HENDEK	4,70 25 ↑P	Pn	17 44 36.9 +0.2	GIUM Giurgiulesti	8,87 360 ↑P/Ph	Pn	17 45 33.7 -7.2	SOC	Sochi	11,20 48 eP	Pn	17 48 05.6 -0.3
VLX	Vlachokerasia	4,78 281 P	Pn	17 44 40.6 +2.8	EIL Elat	8,90 139 P	Pn	17 45 33.5 -0.6	SOC	comp=Z,116nm,1.5s	pmax	pmax	17 48 05.6 -0.3
NEO	Neokhorii	4,81 306 P	Pn	17 44 39.6 +1.3	EIL Elat	8,90 139 P	Pn	17 45 33.5 -0.6	SOC	comp=Z,2um,14.0s	MLR	MLR	17 48 05.6 -0.3
THAS	Thassos island	4,87 326 P	Pn	17 44 39.4 +0.5	SRE Strehia	8,92 336 ↑P/Ph	Pn	17 45 34.9 +0.5	BURAR	Bucovina Array	11,23 349 ↑P/Ph	Pn	17 46 07.7 +1.7
PAIG	Paliouri	4,90 314 P	Pn	17 44 40.0 +0.8	SRE Strehia	8,92 336 ↑P/Ph	Pn	17 45 34.8 +0.5	BURAR	Bucovina Array	11,23 349 ↑P/Ph	Pn	17 46 07.7 +1.7
GUR	Goura	4,91 287 P	Pn	17 44 41.9 +2.2	SEV Sevastopol'	8,93 26 ↑P/Ph	Pn	17 45 35.0 +0.5	VSLR	Vesolyoye	11,32 49 iP	Pn	17 46 08.4 +1.3
AXAR	Agios Charalam	4,95 298 P	Pn	17 44 42.2 +2.2	SEV	comp=Z,254nm,0.5s	pmax	pmax	BALX	Balx, Balta	11,37 5 P	Pn	17 46 08.8 -0.9
RDO	Rodhopi	5,01 336 P	Pn	17 44 41.1 +0.2	SEV	comp=N,13nm,0.4s	smax	smax	PAOL	Paolisi	11,52 0 eP	Pn	17 46 09.2 -0.7
RDO	Rodhopi	5,01 336 P	Pn	17 44 41.2 +0.2	SEV	comp=N,13nm,0.4s	smax	smax	PAOL	Paolisi	11,52 0 eP	Pn	17 46 09.2 -0.7
OUR	Ouranopolis	5,02 319 P	Pn	17 44 41.8 +0.8	SEV	comp=N,13nm,0.4s	smax	smax	BMR	Baia Mare	11,61 344 ↑P/Ph	Pn	17 46 11.5 +0.4
VALY	Valrya	5,07 278 P	Pn	17 44 42.7 +2.7	SEV	comp=N,13nm,0.4s	smax	smax	BMR	Baia Mare	11,61 344 ↑P/Ph	Pn	17 46 11.5 +0.4
KLV	Kalavryta, Ach	5,08 288 Pn	Pn	17 44 44.1 +2.1	MTUR Matur	8,94 358 ↑P/Ph	Pn	17 45 36.7 +2.1	BMR	Baia Mare	11,61 344 ↑P/Ph	Pn	17 46 11.5 +0.4
ITM	Ithomi	5,12 278 P	Pn	17 44 44.0 +1.6	MTUR Matur	8,95 345 ↑P/Ph	Pn	17 45 34.4 +0.5	BLY	Banja Luka	11,70 317 ↑P/Ph	Pn	17 46 13.5 +1.2
ITM	Ithomi	5,12 278 P	Pn	17 44 45.3 +3.0	MTUR Matur	8,95 345 ↑P/Ph	Pn	17 45 35.3 +0.5	BLY	Banja Luka	11,70 317 ↑P/Ph	Pn	17 46 13.4 +1.1
KIRS	Kirsehir-Merke	5,13 59 ↓P	Pn	17 44 43.4 +0.7	DRME Dracevica, Mon	8,97 311 ↑P/Ph	Pn	17 45 37.4 +2.3	BLY	Banja Luka	11,70 317 ↑P/Ph	Pn	17 46 13.4 +1.1
KALE	Kaliteha	5,19 292 P	Pn	17 44 45.5 +2.0	MLR Muntele Rosu	9,01 350 ↑P/Ph	Pn	17 45 37.2 +0.9	MORH	Mrgy, Hungar	12,01 326 ↑P/Ph	Pn	17 46 17.5 +1.0
BR105	Keskin Array S	5,24 52 P	Pn	17 44 44.7 +0.5	MLR Muntele Rosu	9,05 350 P	Pn	17 45 36.9 +0.7	MORH	Mrgy, Hungar	12,01 326 ↑P/Ph	Pn	17 46 17.2 +0.7
BR106	Keskin Array S	5,25 52 P	Pn	17 44 44.7 +0.4	MLR	comp=Z,94nm,0.6s,baz=182,slow=6.7,SNR=180	LR	17 49 37.0	LABN	Labinsk	12,50 12 eP	Pn	17 46 23.4 +1.5
PYL	PYL_OS	5,25 275 P	Pn	17 44 46.9 +2.7	MLR	comp=Z,94nm,0.6s,baz=182,slow=6.7,SNR=180	LR	17 49 37.0	LABN	Labinsk	12,50 12 eP	Pn	17 46 23.4 +1.5
BR131	Keskin Array S	5,25 52 P	Pn	17 44 44.9 +0.5	MLR	comp=Z,94nm,0.6s,baz=182,slow=6.7,SNR=180	LR	17 49 37.0	LABN	Labinsk	12,50 12 eP	Pn	17 46 23.4 +1.5
BR131	Keskin Array S	5,25 52 P	Pn	17 44 45.1 +0.6	MLR	comp=Z,94nm,0.6s,baz=182,slow=6.7,SNR=180	LR	17 49 37.0	LABN	Labinsk	12,50 12 eP	Pn	17 46 23.4 +1.5
BRTR	Keskin Array B	5,25 52 P	Pn	17 44 45.0 +0.6	MLR	comp=Z,94nm,0.6s,baz=182,slow=6.7,SNR=180	LR	17 49 37.0	LABN	Labinsk	12,50 12 eP	Pn	17 46 23.4 +1.5
BRTR	Keskin Array B	5,25 52 P	Pn	17 44 45.0 +0.6	MLR	comp=Z,94nm,0.6s,baz=182,slow=6.7,SNR=180	LR	17 49 37.0	LABN	Labinsk	12,50 12 eP	Pn	17 46 23.4 +1.5
BRTR	Keskin Array B	5,25 52 P	Pn	17 44 45.0 +0.6	MLR	comp=Z,94nm,0.6s,baz=182,slow=6.7,SNR=180	LR	17 49 37.0	LABN	Labinsk	12,50 12 eP	Pn	17 46 23.4 +1.5
BRTR	Keskin Array B	5,25 52 P	Pn	17 44 45.0 +0.6	MLR	comp=Z,94nm,0.6s,baz=182,slow=6.7,SNR=180	LR	17 49 37.0	LABN	Labinsk	12,50 12 eP	Pn	17 46 23.4 +1.5
BRTR	Keskin Array B	5,25 52 P	Pn	17 44 45.0 +0.6	MLR	comp=Z,94nm,0.6s,baz=182,slow=6.7,SNR=180	LR	17 49 37.0	LABN	Labinsk	12,50 12 eP	Pn	17 46 23.4 +1.5
BRTR	Keskin Array B	5,25 52 P	Pn	17 44 45.0 +0.6	MLR	comp=Z,94nm,0.6s,baz=182,slow=6.7,SNR=180	LR	17 49 37.0	LABN	Labinsk	12,50 12 eP	Pn	17 46 23.4 +1.5
BRTR	Keskin Array B	5,25 52 P	Pn	17 44 45.0 +0.6	MLR	comp=Z,94nm,0.6s,baz=182,slow=6.7,SNR=180	LR	17 49 37.0	LABN	Labinsk	12,50 12 eP	Pn	17 46 23.4 +1.5
BRTR	Keskin Array B	5,25 52 P	Pn	17 44 45.0 +0.6	MLR	comp=Z,94nm,0.6s,baz=182,slow=6.7,SNR=180							

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Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like AK01 Kiev, AK02 Kiev, AK03 Kiev, etc.

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

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Table with columns: Call sign, Name, Frequency, Power, Mode, and other parameters. Includes stations like CLL Collin, CLL Collin, CLL Collin, etc.

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Table with columns for station name, frequency, power, and other technical details. Includes stations like AAA Alma-Ata, TNSN Tian-Shan, MDOK Medede, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like NRDN NARMADA NAGARA, WMQ Urumqi, AKL Akola, etc.

Table with columns for station name, frequency, power, and other technical details. Includes stations like KOHI KOHIMA, TSUM Tsum, TSMU TSMU, etc.

YAK	e	PPP	17 56 09.1		
YAK	ePPP	PPP	17 57 41.5		
YAK	eS	S	18 02 17.1 -0.1		
YAK	e'SS	sS	18 02 48.9 +1.5		
YAK	e	S	18 03 31.4		
YAK	eS	SS	18 06 25.5 +1.5		
YAK	pmax	pmax			
YAK	comp=Z,38nm,1.0s				
YAK	pmax	pmax			
YAK	comp=N,4.0nm,1.1s				
YAK	pmax	pmax			
YAK	comp=E,17nm,1.6s				
YAK	pmax	pmax			
YAK	comp=Z,146nm,5.5s				
YAK	pmax	pmax			
YAK	comp=N,65nm,3.3s				
YAK	pmax	pmax			
YAK	comp=E,91nm,3.7s				
YAK	smax	smax			
YAK	comp=E,200nm,7.3s				
YAK	smax	smax			
YAK	comp=N,199nm,6.6s				
YAK	MLR	MLR			
YAK	comp=N,194nm,17.0s				
YAK	MLR	MLR			
YAK	comp=E,330nm,19.0s				
YAK	MLR	MLR			
KMI2	Kunming	63.51 77	P	P	17 53 52.5 +0.4
KMI2			S	S	18 02 17.8 -3.0
KMI2	comp=E,69nm,1.4s		pmax	pmax	
KMI2	comp=E,330nm,4.6s		LR	LR	
KMI2	comp=E,390nm,23.5s		LR	LR	
KMI2	comp=E,250nm,17.4s		LR	LR	
KMI2	comp=E,420nm,26.6s		LR	LR	
SCHO	Schefferville	63.71 320	P	P	17 53 50.5 -2.2
SCHO	comp=E,24nm,0.6s,baz=57,slow=5.2,SNR=72		LR	LR	18 21 00.8
SCHO	comp=E,396nm,21.9s,baz=72,slow=36				
SCHO	comp=E,24nm,0.6s				
CHTO	Chiang Mai	63.73 85	P	P	17 53 54.4 +1.0
CHTO	Chiang Mai	63.73 85	P	P	17 53 54.4 +1.0
CHTO	comp=Z,153nm,1.7s		pmax	pmax	
CHTO	Chiang Mai	63.73 85	P	P	17 53 51.9 -1.5
CHTO	Chiang Mai	63.73 85	P	P	17 53 53.9 +0.5
CHTO	Chiang Mai	63.73 85	P	P	17 54 10.5 -0.1
CHTO	Chiang Mai	63.73 85	P	P	17 54 18.0 +0.1
CHTO	Chiang Mai	63.73 85	P	P	17 53 55.5 +0.8
CMAR	Chiang Mai Arr	63.92 86	P	P	17 54 12.0 +0.2
CMAR	comp=Z,2.7nm,0.7s,baz=300,slow=8.0,SNR=30		LR	LR	18 27 44.8
CMAR	comp=Z,14nm,0.7s,baz=307,slow=8.0,SNR=21				
CMAR	Chiang Mai Arr	63.92 86	P	P	17 53 55.0 +0.3
CMAR	Xian	63.94 66	P	P	17 53 55.8 +1.2
CMAR	Xian	63.94 66	P	P	18 02 26.3 +0.7
CMAR	Xian	63.94 66	P	P	18 02 26.3 +0.7
XAN	comp=Z,18nm,1.9s		pmax	pmax	
XAN	comp=Z,430nm,5.5s		LR	LR	
XAN	comp=Z,310nm,22.0s		LR	LR	
XAN	comp=Z,310nm,20.6s		LR	LR	
XAN	comp=Z,420nm,19.2s		LR	LR	
HILR	Hailar Array B	64.09 46	P	P	17 53 57.1 +1.8
HILR	comp=Z,9.5nm,0.8s,baz=248,slow=2.7,SNR=7.8		LR	LR	18 25 41.7
HILR	comp=Z,256nm,20.1s,baz=105,slow=40				
HILR	comp=Z,9.5nm,0.8s				
XLT	XiLinHaoTe	64.38 53	eP	P	17 53 59.0 +1.6
XLT	XiLinHaoTe	64.38 53	eP	P	18 02 30.5 -0.3
XLT	comp=Z,211nm,1.3s		LR	LR	
XLT	comp=Z,53nm,26.2s		LR	LR	
XLT	comp=Z,410nm,24.9s		LR	LR	
XLT	comp=Z,470nm,26.3s		LR	LR	
BOSA	Boshof	64.93 183	P	P	17 54 02.4 +1.4
BOSA	comp=Z,5.3nm,0.5s,baz=6.8,slow=7.1,SNR=20		LR	LR	18 25 02.7
BOSA	comp=Z,543nm,18.2s,baz=0.5,slow=38				
BOSA	comp=Z,5.3nm,0.5s				
BOSA	Boshof	64.93 183	P	P	17 54 03.5 +2.5
BOSA	Guyborough	64.94 309	P	P	17 54 00.1 -0.7
BOSA	Zeya	66.24 40	eP	P	17 54 10.6 +1.5
BOSA	Zeya	66.24 40	eP	P	17 54 27.7
BOSA	Zeya	66.24 40	eP	P	17 54 27.7
BJJ2	Beijing	66.24 57	P	P	17 54 10.5 +1.1
BJJ2	Beijing	66.24 57	P	P	18 02 54.5 +1.0
BJJ2	Beijing	66.24 57	P	P	18 07 09.5 -0.5
BJJ2	comp=Z,9.0nm,0.9s		LR	LR	
BJJ2	comp=Z,280nm,20.0s		LR	LR	
BJJ2	comp=Z,170nm,22.6s		LR	LR	
LYN	LuoYang	66.28 64	eP	P	17 54 15.3 +5.6
LYN	LuoYang	66.28 64	eP	P	18 02 53.8 -0.3
LYN	comp=Z,40nm,0.5s		pmax	pmax	
LYN	comp=Z,460nm,4.0s		LR	LR	
LYN	comp=Z,350nm,17.5s		LR	LR	
LYN	comp=Z,410nm,18.0s		LR	LR	
HNS	HongShan	66.49 60	P	P	17 54 12.5 +1.5
HNS	HongShan	66.49 60	P	P	18 02 58.5 +1.9
HNS	comp=Z,19nm,1.4s		LR	LR	
HNS	comp=Z,350nm,18.0s		LR	LR	
HNS	comp=Z,200nm,17.4s		LR	LR	
HNS	comp=Z,440nm,22.6s		LR	LR	
HAL	Halifax	66.60 309	P	P	17 54 11.0 -0.6
HAL	Halifax	66.60 309	P	P	17 54 11.0 -0.6
HAL	Halifax	66.60 309	P	P	17 54 11.0 -0.6
LMN	Caledonia Moun	66.77 311	P	P	17 54 11.5 -1.2
LMN	Caledonia Moun	66.77 311	P	P	17 54 12.8
BATG	Bathurst New B	66.83 312	I	I	17 54 13.4
BATG	Heihe	68.09 43	eP	P	17 54 21.5 +0.6
BATG	Heihe	68.09 43	eP	P	18 03 14.8 -0.6
HEH	comp=Z,32nm,1.3s		pmax	pmax	
HEH	comp=Z,290nm,3.9s		LR	LR	
HEH	comp=Z,550nm,15.3s		LR	LR	
HEH	comp=Z,340nm,18.1s		LR	LR	
HEH	comp=Z,650nm,22.9s		LR	LR	
GGN	Saint George	68.38 311	I	I	17 54 23.1
GGN	Saint George	68.38 311	I	I	17 54 23.1
TIA	Taian	68.77 60	P	P	17 54 26.8 +1.4
TIA	Taian	68.77 60	P	P	18 03 24.0 +0.1
TIA	comp=Z,21nm,1.1s		pmax	pmax	
TIA	comp=Z,330nm,4.7s		LR	LR	
TIA	comp=Z,290nm,24.9s		LR	LR	
TIA	comp=Z,280nm,23.8s		LR	LR	
TIA	comp=Z,560nm,24.5s		LR	LR	
EMMW	East Machias	68.96 311	I	I	17 54 27.1

SUR	comp=Z,77nm,1.4s				
SUR	Sutherland	68.98 187	LR	LR	18 25 44.7
SUR	comp=Z,930nm,21.2s				
WHN	Wuhan	69.66 67	P	P	17 53 32.0 +1.1
WHN	Wuhan	69.66 67	P	P	18 03 35.0 +0.5
WHN	Wuhan	69.66 67	P	P	18 03 35.0 +0.5
PKME	Peaks-Kenny Pk	69.78 312	I	I	17 54 32.6
LHMI	Lhok Sumawe	69.81 99	P	P	17 54 30.9 -1.2
LHMI	Lhok Sumawe	69.81 99	P	P	17 54 30.9 -1.2
MLSI	Meulaboh, Aceh	69.96 100	P	P	17 54 32.1 -0.9
A36M	Sachs Harbour	70.11 352	P	P	17 54 32.4 -0.6
A36M	Sachs Harbour	70.11 352	P	P	17 54 32.4 -0.6
BLKN	Baker Lake	70.31 338	P	P	17 54 31.7 -2.6
BLKN	Baker Lake	70.31 338	P	P	17 54 33.8
CN2	comp=Z,36nm,0.7s				
CN2	Changchun	70.33 50	P	P	17 54 35.8 +1.0
CN2	Changchun	70.33 50	P	P	18 03 40.5 -1.4
CN2	comp=Z,220nm,1.0s		pmax	pmax	
CN2	comp=Z,200nm,3.0s		LR	LR	
CN2	comp=Z,300nm,16.0s		LR	LR	
CN2	comp=Z,400nm,16.0s		LR	LR	
CN2	comp=Z,500nm,18.0s		LR	LR	
DL2	Dalian	70.45 56	P	P	17 54 36.5 +0.8
DL2	Dalian	70.45 56	P	P	18 03 44.5 +0.9
DL2	comp=Z,20nm,0.9s		pmax	pmax	
DL2	comp=Z,150nm,4.1s		LR	LR	
DL2	comp=Z,270nm,20.4s		LR	LR	
DL2	comp=Z,370nm,18.5s		LR	LR	
DL2	comp=Z,460nm,27.9s		LR	LR	
BNX	BinXian	70.47 47	P	P	17 54 36.5 +0.8
BNX	BinXian	70.47 47	P	P	18 03 42.8 -0.7
BNX	comp=Z,26nm,1.3s		pmax	pmax	
BNX	comp=Z,120nm,4.6s		LR	LR	
BNX	comp=Z,300nm,16.3s		LR	LR	
BNX	comp=Z,190nm,19.0s		LR	LR	
BNX	comp=Z,290nm,23.1s		LR	LR	
G62A	West of Eustis	70.55 312	P	P	17 54 35.9 -0.3
G62A	West of Eustis	70.55 312	P	P	17 54 37.7
KLR	Kul'dur	71.01 42	LR	LR	18 29 50.5
KLR	Kul'dur	71.01 42	P	P	17 54 39.7 +0.8
KLR	Kul'dur	71.01 42	P	P	17 54 39.7 +0.8
SNSI	Sinabang, Aceh	71.02 101	P	P	17 54 36.0 -3.5
LASI	Langsa, Aceh	71.09 99	P	P	17 54 38.1 -1.8
TPTI	Langsa, Aceh	71.18 100	P	P	17 54 41.4 +1.0
SEY	Seymchan	71.25 24	LR	LR	18 29 45.8
SEY	Seymchan	71.25 24	LR	LR	18 29 45.8
SEY	Seymchan	71.25 24	P	P	17 54 41.7 +1.6
I62A	Tamworth	71.76 311	I	I	17 54 45.1
I62A	Tamworth	71.76 311	I	I	17 54 45.1
LBNH	Lisboe	71.92 312	I	I	17 54 46.2
NJ2	Nanjing	71.25 63	P	P	17 54 47.0 +1.0
NJ2	Nanjing	71.25 63	P	P	18 04 04.0 +0.7
NJ2	comp=Z,48nm,1.0s		LR	LR	
NJ2	comp=Z,560nm,18.9s		LR	LR	
NJ2	comp=Z,800nm,15.9s		LR	LR	
MNT0	Montreal, Queb	72.22 314	I	I	17 54 47.3
MNT0	Montreal, Queb	72.22 314	I	I	17 54 47.3
QIZ	Qiongzong	72.31 79	P	P	17 54 46.5 -0.7
QIZ	Qiongzong	72.31 79	P	P	18 04 04.0 -1.5
QIZ	comp=Z,190nm,19.7s		LR	LR	
QIZ	comp=Z,220nm,18.4s		LR	LR	
QIZ	comp=Z,210nm,18.9s		LR	LR	
A21K	Barrow	72.32 2	P	P	17 54 46.5 +0.2
TRQ	Mont Tremblant	72.34 315	I	I	17 54 47.8
TRQ	Mont Tremblant	72.34 315	I	I	17 54 47.8
MDJ	Mudanjiang	72.38 47	P	P	17 54 46.5 -0.7
MDJ	Mudanjiang	72.38 47	P	P	17 55 03.5 -1.3
MDJ	Mudanjiang	72.38 47	P	P	18 04 03.3 -2.3
MDJ	comp=Z,6.0nm,1.9s		LR	LR	
MDJ	comp=Z,430nm,20.2s		LR	LR	
MDJ	comp=Z,310nm,22.2s		LR	LR	
C36M	Paulatuk	72.41 350	P	P	17 54 45.7 -1.2
C36M	Paulatuk	72.41 350	P	P	17 54 47.6
C36M	Paulatuk	72.41 350	P	P	17 54 46.2 -0.7
HNH	Hanover	72.43 312	I	I	17 54 49.9
BCX	Boston College	72.51 310	I	I	17 54 49.3
L64A	Middleborough	72.53 309	I	I	17 54 49.4
FRNY	Flat Rock	72.57 313	I	I	17 54 49.2
GRNR	Gornyy	72.58 39	P	P	17 54 48.8 +0.5
GRNR	Gornyy	72.58 39	P	P	17 54 48.8 +0.5
WES	Weston	72.58 310	I	I	17 54 49.7
HRV	Adam Dzewiosk	72.66 310	P	P	17 54 48.7 -0.2
HRV	Adam Dzewiosk	72.66 310	P	P	17 54 50.2
HRV	Adam Dzewiosk	72.66 310	P	P	17 54 48.7 -0.2
HRV	Adam Dzewiosk	72.66 310	P	P	17 54 48.7 -0.2
HRV	Adam Dzewiosk	72.66 310	P	P	17 54 49.5 +0.6
A22K	Sinclair Lake	72.67 1	P	P	17 54 48.8 +0.4
GSI	Gumungstolite	72.68 102	P	P	17 54 47.2 -2.2
KULM	Kulim	72.73 96	P	P	17 54 49.9 +0.2
J61A	Chester	72.79 311	P	P	17 54 49.7 0.0
PSI	Prapat	72.79 99	P	P	17 54 50.4 -0.1
VLQD	Val d'Or	72.87 318	I	I	17 54 51.0
K62A	Royalston	72.98 311	I	I	17 54 52.6
MA2	Magadan	73.08 27	LR	LR	18 30 45.4
MA2	Magadan	73.08 27	P	P	17 54 50.4 -0.7
MA2	Magadan	73.08 27	P	P	17 54 53.4
MA2	Magadan	73.08 27	P	P	17 54 52.7 +1.6
MA2	Magadan	73.08 27	P	P	17 54 51.8 +0.7
NBPV	Pedro Velho	73.13 248	eP	P	17 54 52.9 +0.8
RCBR	Riachuelo	73.20 249	LR	LR	18 27 14.9
RCBR	Riachuelo	73.20 249	eP	P	

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Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes entries like F26K Sheenjek River, G31M Satah River, J55A Hilton, etc.

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Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes entries like Y55 Yuzhno-Sakhali, G51K Niukluk, J30M Hart River, etc.

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Table with columns: ID, Name, Azimuth, Elevation, Azimuth Error, Elevation Error, Azimuth Rate, Elevation Rate, Azimuth Accuracy, Elevation Accuracy, Azimuth Precision, Elevation Precision. Includes entries like R55A Marlinton, M30M Minto, Yuzhno-Sakhali, etc.

Table with columns: ID, Name, Location, Date, Time, Status, and other details. Includes entries like CMCO1 Camacan, BA, 82.11 244, eP, P, 17 55 43.2 +1.2, etc.

Table with columns: ID, Name, Location, Date, Time, Status, and other details. Includes entries like Q32M Nakina River, 83.42 350, Iamb, Iamb, 17 55 50.1, etc.

Table with columns: ID, Name, Location, Date, Time, Status, and other details. Includes entries like CHGN Chignik, 87.28 4, P, P, 17 56 06.6 -0.9, etc.

28d 19h

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for TAOE, PPT2, PPT2, TBI.

IDC 28 17:50:15.2,2.5,50.63N,174.94W,h0km,mb3.8/7, mbmp3.8/8, Error ellipse: s-maj=70.4km s-min=27.3km az=6.0

NEIC 28 17:50:18.6,0.8,50.54N,175.10W,10.0/0.7, h36km,19km,ML3.4/10,ML3.0(AEIC), Error ellipse: s-maj=13.3km s-min=2.7km az=151.0

ISC 28 17:50:15.4,3.5,50.63N,175.08W,0.0/0.7,h2km,22km,n27,-0.0565/35,mb4.2/6,Andreanof Islands

Main table for 28d 19h section, listing station names like GSIG, ETKA, GSTR, ADK, etc. with their respective coordinates and phases.

WEL 28 17:50:36.2,0.8,45.54S,16.8E, h2km,2km,M3.2/7, ML3.2/13,MLV3.2/7, Error ellipse: s-maj=7.7km s-min=3.3km az=125.3,confirmed

NOU 28 17:50:37.5,44.56S,167.65E,h12km,MLV3.9/7, South Island, New Zealand

Main table for 28d 19h section, listing station names like MSZ, DCZ, JCC, etc. with their respective coordinates and phases.

ISK 28 17:50:57.1,36.66N,28.24E,h66km,ML3.0/21 AFAD 28 17:50:57.2,36.69N,28.22E,h46km,1km,ML2.7

ISC 28 17:50:58.2,1.4,36.66N,0.04,28.24E,0.03,h63km,7km,n39,-0.052/61,Decadence Islands

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for TURN, WRA, ASAR.

2020 JUN

Main table for 2020 JUN section, listing station names like DALY, ARG, YER, etc. with their respective coordinates and phases.

PRE 28 17:52:58.5,1.3,24.9AS,28.40E,h5km,ML1.7, Presumed earthquake, South Africa

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for HRAO, LEPH, PILG, etc.

IDC 28 17:53:10.4,1.4,8.07N,127.33E,h0km,mb3.4/4, mbmp3.5/5,ML4.1/1,MS2.5/2, Error ellipse: s-maj=31.6km s-min=1.1km az=65.0

MAN 28 17:53:17.0,7.90N,127.03E,h15km,MS3.7 ISC 28 17:53:14.8,1.9,7.75N,127.13E,0.07,h14km,11km,n19,-0.208/25,mb3.4/4,Philippine Islands region

Main table for 2020 JUN section, listing station names like BIPH, TANDAG, DAV, etc. with their respective coordinates and phases.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for MKAR, KURBB.

KRNET 28 18:15:0.0,1.39,31N,78.86E,mb3.0 SOME 28 18:15:15.6,42.40N,81.12E,h15km,2C-4D,Northern Xinjiang

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for SHLS, UZB, KPKS, TARG, etc.

JMA 28 19:01:17.8,0.2,24.0N,0.7,123.6E,0.5,h33km,1km, MV2.5/10,NEAR ISHIGAKIJIMA ISLAND

Main table for 28d 19h section, listing station names like HATJ, IRITF, JKRS, etc. with their respective coordinates and phases.

IDC 28 19:04:30.3,4.1,37.25N,95.40E,h0km,mb3.5/6, mbmp3.6/10,ML3.3/4,MS3.4/1, Error ellipse: s-maj=34.2km s-min=21.4km az=34.0

ISC 28 19:04:31.8,1.2,37.4N,0.2,95.2E,0.1,h10km,n12,-0.178/11,mb3.5/6,Qinghai

Main table for 28d 19h section, listing station names like LZDM, SONM, MKAR, etc. with their respective coordinates and phases.

DJA 28 19:06:15.5,0.3,2.5S,2.11E,h10km,M3.6/27,mb4.0/3, MLV3.3/27,Sulawesi

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes entries for MMSI, SPSI, etc.

CATAC 28 19:08:42.6,0.9,2.3N,3.7W, h21km,8km,M3.5/13, mb3.6/2,MLV3.5/13, Error ellipse: s-maj=10.1km s-min=3.9km az=115.2,confirmed

RSNC 28 19:08:43.3,0.0,1.2N,2.7W, h97km,4km,M3.0,mb4.0,ML2.2

Main table for 28d 19h section, listing station names like CMBC, TULM, CUSE, etc. with their respective coordinates and phases.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like PULU Putuluhua, CRUC La Cruz, GGPC Guagua Pichinc, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like HDMB Hadim, KRMM Karaman, DQRL Deir Qamar, etc.

MAT Matsushiro 0.54 58 eS Sg 19 41 59.8 -1.5

JMA 28 19:41:49.4+0.1, 36:2N, 137:6E, 0.3, h4km, 1km, MVO.4/19, HIDA MOUNTAINS REGION, Eastern Honshu

Code Station Name Az Az' Phase ID Time Res. Includes JGN Niukaw, JGN Niukaw, JNG Nsakai, etc.

SJA 28 20:16:52.3+1.1, 31:83S, 69:18W, h132km, 4km, ML4.2, MW4.3

NEIC 28 20:16:54.1+2.0, 31:80S, 0:05, 69:22W, 0:08, h115km, 3km, mb4.5/17, Error ellipse: s-maj=9.9km s-min=7.7km

ISC 28 20:16:53.9+0.5, 31:80S, 0:03, 69:22W, 0:03, h119km, 4km, n134, 19:35/176, mb4.5/20, SC-2D, San Juan Province

Code Station Name Az Az' Phase ID Time Res. Includes RTLS Leoncito, ZON Zonda, SJA San Juan, etc.

ARCOC CERRO ARCO 1.06 167 eS Pn 20 17 17.2 +0.5

AAGR Agrelo 1.32 166 eP S S 20 17 38.3 -0.4

VA03 San Esteban 1.48 229 eP S S 20 17 41.4 +0.3

CO04 Los Peladeros 1.52 260 eP S S 20 17 21.7 -0.0

CO03 El Pedregal 1.58 307 eP S S 20 17 23.4 +1.0

CO02 Combarbal 1.64 291 eP S S 20 17 23.6 +0.6

AV06 Catapilco 1.92 246 eP S S 20 17 25.5 -0.8

MT16 CCHEN 1.96 214 eP S S 20 17 27.7 +0.9

MT03 Universidad Ad 2.01 213 eP S S 20 17 28.4 +0.9

GO04 Tololo Observa 2.12 320 eP S S 20 17 29.4 +0.4

DJA 28 19:17:01.5+0.7, 3:53S, 13:1E, h27km, 8km, M3.8/19, mb5.4/1, mb4.0/6, MLV3.8/19, Mw(mb)4.8/1, Irian Jaya region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes FAKI Fak Fak, BNDI Bandanaira, etc.

IDL 28 19:24:16.9+2.6, 34:35N, 32:33E, h0km, mb3.3/3, mbmp3.4/6, ML3.7/3, MS2.8/2, Error ellipse: s-maj=48.9km s-min=21.8km az=45.0

NIC 28 19:24:20.4, 34:66N, 32:52E, h26km, 1km, M12.9/10

ISL 28 19:24:20.2, 34:70N, 32:49E, h8km, ML3.6/19

GAL 28 19:24:21.2, 0.0, 34:65N, 0:00, 32:49E, 0:00, h0km, Mw(s)2.2, confirmed

GRAL 28 19:24:21.6, 0.6, 34:53N, 32:45E, h30km, 254km, MD3.5

ISC 28 19:24:20.1, 0.3, 34:66N, 0:02, 32:44E, 0:03, h21km, 1km, n89, 19:15/131, 3C-4D, Cyprus region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes NATA Nata, NATA Nata, etc.

AKMS Akamas 0.36 346 eP S S 19 24 29.1 -1.1

TROD Troodos 0.45 51 eP S S 19 24 29.3 -0.1

ALFC Alefka 0.51 15 eP S S 19 24 30.7 -1.5

XYLS Xyltiatos 0.61 55 eP S S 19 24 31.6 -0.6

ASGA Asgata 0.67 79 eP S S 19 24 32.6 -0.7

CSS Mathiatis 0.79 67 eP S S 19 24 34.6 -1.5

BOZY Bozyazi-Mersin 1.50 17 Pn 19 24 47.6 +0.3

OSCI CSNet OBS 1 1.51 220 Pn 19 24 45.6 -0.4

IC 28 19:37:02.2+1.0, 25:53S, 70:30E, h0km, mb3.7/10, mbmp3.7/10, Error ellipse: s-maj=34.6km s-min=23.8km az=54.0

ISC 28 19:37:03.9+1.0, 25:65S, 0:2, 70:3E, 0:2, h10km, n16, 0:563/10, mb3.8/9, Mid-Indian Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes H08S1 Diego Garcia H, H08S2 Diego Garcia H, etc.

CMAR Chiang Mai Arr 51.84 35 P 19 46 12.5 +0.1

ASAR Alice Springs 57.32 103 P 19 46 52.8 +0.4

WRA Warrunganga Arr 58.90 9 P 19 47 03.6 +0.8

VNDA Vanda 65.58 166 P 19 47 46.6 -0.7

BRTR Keskin Array B 73.41 31 P 19 48 36.0 -0.3

TORD Torodi Arr. Bea 77.09 291 P 19 48 58.7 +0.9

SONM Sogino Array 79.91 24 P 19 49 12.9 -0.0

ZALV Zolovo Beam 80.15 9 P 19 49 13.5 -0.3

JMA 28 19:41:44.0+0.1, 36:3N, 0:3, 137:7E, 0:3, h6km, 2km, MVO.3/21, HIDA MOUNTAINS REGION, Eastern Honshu

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes JGN Niukaw, JNG Nsakai, etc.

MT01 Talagante 2.47 217 eP S S 20 17 33.0 -0.4

BO01 Tunca 3.02 211 eP S S 20 17 39.5 -0.9

Table with columns: POL, KDMR, S, Sg, 21 25 34.1 +0.3, etc.

SDD 28 21:27:13.2z, 1.7, 18:30N, 72:15W, h12km, 130km, MD2.8, ML2.6, MW2.8, Presumed earthquake

OSPL 28 21:27:15.2z, 1.3, 18:31N, 72:02W, h9km, 6km, ML2.3, Presumed earthquake

ISC 28 21:27:14.2z, 1.4, 18:31N, 0:04, 72:0W, 0:1, h12km, 101km, n11, 0571/22, 6C-4D, Haiti region

Main table for station data, including columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, etc.

KRNET 28 21:33:54.5z, 0.1, 39:61N, 74:16E, mb2.7

ISC 28 21:33:56.0z, 0.2, 39:79N, 0:01, 74:20E, 0:05, h10km, n9, 0168/17, 11C-2D, Southern Xinjiang

Main table for station data, including columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, etc.

IDC 28 21:36:22.6z, 2.7, 6:40N, 72:59W, h168km, 14km, mbmp3.4/2, Error ellipse: s-maj=294.3km s-min=7.8km

RSNC 28 21:36:25.0z, 0.7, 7:1N, 7:3W, h145km, 1km, M3.2, mb4.9, mb3.6, ML2.8, Mw(MB)4.1

ISC 28 21:36:23.6z, 1.1, 6:86N, 0:03, 73:14W, 0:04, h150km, 7km, n34, 0141/66, Northern Colombia

Main table for station data, including columns: Code, Station Name, Az, Az', Phase ID, ISC, Time, Res, etc.

Table with columns: DBBC, ARGG, ARGC, SDV, S, Sg, 21 37 47.3 -1.7, etc.

ASAR Alice Springs 149.12, 23.94 PKPbc PKPpdf 21 55 49.7 -1.2

WRA Warramunga Arr. 150.34, 21.87 PKPbc PKPpdf 21 55 56.3 +3.4

IDC 28 21:43:56.9z, 1.0, 17:06N, 66:96W, h0km, mb3.8/7, mbmp3.9/10, ML3.3, MS3.0/5, Error ellipse: s-maj=26.9km s-min=8.9km az=174.0

OSPL 28 21:43:57.8z, 1.0, 17:79N, 66:90W, h9km, 8km, ML3.9, Presumed earthquake

RSPR 28 21:43:58.0z, 17:95N, 66:95W, h13km, MD3.7/25

NEIC 28 21:43:57.3z, 1.5, 17:89N, 0:02, 66:94W, 0:01, h10km, 1km, mb4.3/13, ML4.2/43, Mw3.9/17, Md3.7/25(RSPR), Error ellipse: s-maj=4.3km s-min=2.6km az=19.0, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; Mn=-0.21; Mxx=0.51; Mxy=-0.29; Mxx=0.85; Myz=0.15; Fault plane solution: M1.0000x10^15 Np1.74, 030000, 371, 190000; P-19.090000; NP2x=280, 740000, 880, 430000; A-19.090000; Principal axes: T 1.0646, Plg6.0000, Azm328.0000; N -1.0328, Azm6.0000; Azm75.0000; P -0.9318, Plg2.0000, Plg236.0000;

NEIC 28 21:43:57.2z, 1.7, 17:89N, 66:95W, h10km

SDD 28 21:43:57.2z, 1.9, 17:89N, 66:97W, h19km, 8km, MD3.0, ML4.0, MW4.0, Presumed earthquake

PTWC 28 21:43:58, 18:00N, 66:90W, ML4.3/16, PUERTO RICO REGION

ISC 28 21:43:57.4z, 0.7, 17:88N, 0:04, 66:94W, 0:02, h15km, 4km, n128, 0127/165, mb4.2/3, MS2.9/3, 19C-15D, Puerto Rico region

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

GBPR Guanica, Bosqu 0.11 31 Op Pg 21 44 00.7 -0.1

GBPR Guanica, Bosqu 0.11 31 iP Pg 21 44 00.7 -0.1

MLPR Magueyes Isan 0.13 312 Pg 21 44 00.7 -0.4

MLPR Magueyes Isan 0.13 312 Pg 21 44 00.0 -1.2

MLPR Magueyes Isan 0.13 312 Pg 21 44 03.6 -0.2

MLPR Magueyes Isan 0.13 312 Pg 21 44 00.9 -0.2

CRPR Cabo Rojo, PR 0.20 308 P Pg 21 44 01.8 -0.4

CRPR Cabo Rojo, PR 0.20 308 P Pg 21 44 04.5 -0.9

CRPR Cabo Rojo, PR 0.20 308 P Pg 21 44 04.9

CRPR Cabo Rojo, PR 0.20 308 P Pg 21 44 01.7 -0.4

CRPR Cabo Rojo, PR 0.20 308 P Pg 21 44 03.5 -0.8

LSP Las Mesas 0.33 335 iP Pg 21 44 03.5 -0.5

OBIP Obispo Ponce 0.36 63 Pg 21 44 04.3 -0.5

OBIP Obispo Ponce 0.36 63 Pg 21 44 06.1 -0.1

OBIP Obispo Ponce 0.36 63 Pg 21 44 04.6 -0.2

OBIP Obispo Ponce 0.36 63 Pg 21 44 10.3 +0.3

OBIP Obispo Ponce 0.36 63 Pg 21 44 10.3

OBIP Obispo Ponce 0.36 63 Pg 21 44 04.5 -0.2

OBIP Obispo Ponce 0.36 63 Pg 21 44 10.1 +0.3

PRSN Puerto Rico Se 0.39 330 P Pg 21 44 04.5 -0.8

PRSN Puerto Rico Se 0.39 330 P Pg 21 44 08.5 -0.8

PRSN Puerto Rico Se 0.39 330 P Pg 21 44 09.7 -1.1

PRSN Puerto Rico Se 0.39 330 P Pg 21 44 13.3

PRSN Puerto Rico Se 0.39 330 P Pg 21 44 04.5 -0.8

PRSN Puerto Rico Se 0.39 330 P Pg 21 44 04.5 -0.8

PRSN Puerto Rico Se 0.39 330 P Pg 21 44 11.2

PRSN Puerto Rico Se 0.39 330 P Pg 21 44 04.5 -0.8

PRSN Puerto Rico Se 0.39 330 P Pg 21 44 05.2 -0.2

PRSN Puerto Rico Se 0.39 330 P Pg 21 44 10.3 +0.6

PRSN Puerto Rico Se 0.39 330 P Pg 21 44 11.2

PRSN Puerto Rico Se 0.39 330 P Pg 21 44 04.5 -0.2

UUPR Utuado, UPR, P 0.43 29 Pg Pg 21 44 05.0 -1.0

UUPR Utuado, UPR, P 0.43 29 Pg Pg 21 44 10.5 -1.3

UUPR Utuado, UPR, P 0.43 29 Pg Pg 21 44 04.4 -1.6

UUPR Utuado, UPR, P 0.43 29 Pg Pg 21 44 05.2 -0.8

AOPR Arecibo Observ 0.50 21 Pg Pg 21 44 11.2

AOPR Arecibo Observ 0.50 21 Pg Pg 21 44 12.1 -1.9

AOPR Arecibo Observ 0.50 21 Pg Pg 21 44 06.3 -1.0

AOPR Arecibo Observ 0.50 21 Pg Pg 21 44 12.1 -1.3

AOPR Arecibo Observ 0.50 21 Pg Pg 21 44 13.4

AOPR Arecibo Observ 0.50 21 Pg Pg 21 44 06.3 -1.0

AGPR Aguadilla, PR 0.61 344 Pg Pg 21 44 08.1 -1.2

AGPR Aguadilla, PR 0.61 344 Pg Pg 21 44 16.2

AGPR Aguadilla, PR 0.61 344 Pg Pg 21 44 19.3

AGPR Aguadilla, PR 0.61 344 Pg Pg 21 44 08.2 -1.2

AGPR Aguadilla, PR 0.61 344 Pg Pg 21 44 16.1

Table with columns: SJG, SJG, SJG, SJG, SJG, S, Sg, 21 37 47.3 -1.7, etc.

comp=N, 889nm, 0.3s, baz=322, slow=22, SNR=36

comp=N, 2um, 0.7s

comp=N, 1um, 0.6s

comp=N, 546nm, 0.5s

comp=N, 780nm, 0.7s

comp=N, 494nm, 0.8s

comp=N, 454nm, 0.8s

comp=N, 52nm, 18.5s, baz=45, slow=16, SNR=1.5

comp=N, 9.7nm, 0.6s

comp=N, 1.5nm, 0.3s, baz=39, slow=9.8, SNR=10

comp=N, 1.2nm, 0.3s, baz=45, slow=16, SNR=1.5

comp=N, 52nm, 18.5s, baz=45, slow=30, SNR=42

comp=N, 1.5nm, 0.3s, baz=50, slow=21, SNR=5.1

comp=N, 1.5nm, 0.3s, baz=109, slow=9.5, SNR=10.0

comp=N, 42nm, 18.5s, baz=68, slow=36

comp=N, 2.8nm, 1.1s

comp=N, 4.0nm, 0.9s

comp=N, 2.9nm, 0.9s

comp=N, 56nm, 18.1s, baz=154, slow=41

comp=N, 0.5nm, 0.6s, baz=112, slow=7.2, SNR=3.3

comp=N, 1.0nm, 0.8s, baz=266, slow=7.7, SNR=8.9

comp=N, 5.9nm, 1.2s

comp=N, 201nm, 0.3s, baz=263, slow=14, SNR=344

comp=N, 211nm, 0.3s, baz=263, slow=14, SNR=344

comp=N, 211nm, 0.3s, baz=263, slow=14, SNR=344

comp=N, 211nm, 0.3s, baz=263, slow=14, SNR=344

comp=N, 211nm, 0.3s, baz=263, slow=14, SNR=344

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comp=N, 211nm, 0.3s, baz=263, slow=14, SNR=344

comp=N, 211nm, 0.3s, baz=263, slow=14, SNR=344

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comp=N, 211nm, 0.3s, baz=263, slow=14, SNR=344

comp=N, 211nm, 0.3s, baz=263, slow=14, SNR=344

comp=N, 211nm, 0.3s, baz=263, slow=14, SNR=344

comp=N, 211nm, 0.3s, baz=263, slow=14, SNR=344

comp=N, 211nm, 0.3s, baz=263, slow=14, SNR=344

comp=N, 211nm, 0.3s, baz=263, slow=14, SNR=344

comp=N, 211nm, 0.3s, baz=263, slow=14, SNR=344

comp=N, 211nm, 0.3s, baz=263, slow=14, SNR=344

comp=N, 211nm, 0.3s, baz=263, slow=14, SNR=344

comp=N, 211nm, 0.3s, baz=263, slow=14, SNR=344

28d 23h

Table of seismic data for stations 28d and 23h, including codes like ODSA, TXAR, and various station names with associated coordinates and magnitudes.

2020 JUN

Main table of seismic data for 2020 JUN, listing station codes (BRTR, TIXI, TSUM, etc.), station names, coordinates, and magnitudes.

1792

Table of seismic data for station 1792, including station codes like G26K, H27K, and various station names with associated coordinates and magnitudes.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like MLPRP Magueyes Islan, CRPR Cabo Rojo, PR, and others.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like TISM Timmit, SRHM Skhour des Reh, and others.

Table with columns: Code, Station Name, Az, Az', Phase, ID, Time, Res, ISC. Includes stations like KARP Karpathos, ZKR Zakros, and others.

LPAZ	La Paz	32.06 194	P	P	01 04 05.7	0.0
comp=Z:1.0nm,0.9s,baz=21,slow=8.6,SNR=4.0						
PDAR	Pinedale Array	50.24 314	P	P	01 06 34.0	-0.3
comp=Z:1.0nm,1.0s,baz=116,slow=11,SNR=6.6						
H10N3	ASCENSION HYDR50.83 113	T	T	02 01 54.2		
baz=296,slow=75,SNR=102						
H10N2	ASCENSION HYDR50.84 113	T	T	02 01 54.3		
baz=296,slow=75,SNR=74						
H10N1	ASCENSION HYDR50.85 113	T	T	02 01 55.4		
baz=296,slow=75,SNR=78						
H10S3	ASCENSION HYDR51.19 115	T	T	02 02 22.9		
baz=297,slow=74,SNR=78						
H10S2	ASCENSION HYDR51.21 115	T	T	02 02 17.7		
baz=293,slow=74,SNR=72						
TORD	Torodi Ar. Bea	60.05 83	P	P	01 07 43.8	-1.3
comp=Z:0.8nm,0.8s,baz=98,slow=5.7,SNR=5.9						
YKA	Yellowknife Ar	60.62 334	P	P	01 07 47.4	-0.8
comp=Z:0.3nm,0.6s,baz=98,slow=6.6,SNR=2.7						
FINES	FINES Array B	75.22 30	P	P	01 09 19.3	-0.7
comp=Z:1.5nm,0.7s,baz=280,slow=4.2,SNR=7.3						
BRTR	Keskin Array B	83.56 51	P	P	01 10 05.8	-0.2
comp=Z:0.8nm,0.7s,baz=256,slow=4.5,SNR=7.6						
comp=Z:0.8nm,0.7s						

IDC 29 01:07:06.2,2.3,21.61N,143.34E,h282km,20km,
s-min=17.2km az=80.0

ISC 29 01:07:08.0,1.3,21.7N,0.1:143.3E,0.3,h300km,n12,
+f102/13,mb3.6/10,Mariana Islands region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
JCJ	Chichijima	5.47 349	P	P	01 08 29.8	-1.2
37nm,0.4s,baz=302,slow=22,SNR=4.5						
JCJ			S	S	01 09 36.5	-1.3
KSR5	Korea Array	20.60 323	P	P	01 11 25.8	+0.9
1.3nm,0.6s,baz=149,slow=8.9,SNR=7.2						
SOMN	Songino Array	39.43 320	P	P	01 14 11.1	+1.4
0.5nm,0.3s,baz=143,slow=8.7,SNR=2.4						
WRA	Warramunga Arr	42.31 193	P	P	01 14 32.1	-1.1
0.5nm,0.6s,baz=17,slow=9.3,SNR=9.3						
ZALV	Zalesovo Beam	54.30 322	P	P	01 16 03.8	+0.1
0.4nm,0.5s,baz=100,slow=7.5,SNR=1.9						
MKAR	Makanchi Array	54.80 313	P	P	01 16 07.9	+0.4
0.4nm,0.5s,baz=92,slow=8.7,SNR=4.8						
KURBB	Kurchatov Arra	57.62 317	P	P	01 16 27.2	+0.1
1.5nm,0.4s,baz=92,slow=7.0,SNR=19						
BVAR	Borovoye Array	62.76 319	P	P	01 17 02.2	+0.4
2.7nm,0.3s,baz=99,slow=7.7,SNR=20						
YKA	Yellowknife Ar	76.38 28	P	P	01 18 25.3	+1.0
0.4nm,0.6s,baz=292,slow=5.8,SNR=4.4						
ARCES	ARCCESS Array B	78.96 342	P	P	01 18 39.4	+1.0
1.7nm,0.7s,baz=75,slow=9.2,SNR=6.6						
KBZ	Khabaz	82.47 314	P	P	01 18 56.4	-1.0
1.6nm,0.9s,baz=93,slow=8.3,SNR=3.6						
FINES	FINES Array B	83.24 335	P	P	01 19 00.6	-0.3
1.0nm,0.4s,baz=38,slow=4.2,SNR=11						
1.0nm,0.4s						

ISK 29 01:37:39.4,34.51N,32.54E,h10km,ML2.6/20

NIC 29 01:37:40.9,34.60N,32.48E,h20km,2km,ML2.0/11

GII 29 01:37:41.8,0.0,34.54N,0.002:32:528E,0.021,h0km,
Mws2.7,confirmed

ISC 29 01:37:40.9,1.1,34.56N,0.02:32:51E,0.03,h11km,8km,
n75,+0.57/14,1C-3D,Cyprus region

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
NATA	Nata	0.22 131	J/P	Pb	01 37 46.8	-0.2
3.7nm,0.2s						
NATA			S	Sg	01 37 49.6	+0.8
NATA			AML	AML	01 37 54.5	
APOL	The Sanctuary	0.31 70	P	Pb	01 37 48.2	-0.2
6.1nm,0.7s						
APOL			S	Sb	01 37 54.2	+0.6
APOL			AML	AML	01 37 55.1	
AKMS	Akamass	0.48 342	J/P	Pg	01 37 49.9	-0.4
0.5nm,0.3s						
AKMS			AML	AML	01 38 00.2	
TROD	Troodos	0.48 371	J/P	Pg	01 37 50.1	-0.4
0.9nm,0.3s						
TROD			S	Sb	01 37 58.1	-0.7
TROD			AML	AML	01 38 01.9	
ALFC	Alefka	0.60 7	P	Pg	01 37 51.6	-1.0
0.6nm,0.3s						
ALFC			S	Sg	01 38 00.3	-0.1
ALFC			AML	AML	01 38 03.1	
XYLS	Xyliatos	0.63 44	P	Pg	01 37 52.5	-0.8
0.8nm,0.3s						
XYLS			S	Sb	01 38 03.9	+1.0
XYLS			AML	AML	01 38 07.7	
ASGA	Asgata	0.65 70	P	Pg	01 37 53.4	-0.1
0.8nm,0.3s						
ASGA			S	Sb	01 37 59.5	+0.2
ASGA			AML	AML	01 38 08.1	
CSS	Mathiatis	0.78 59	Pg	Pg	01 37 55.2	-0.9
0.8nm,0.4s						
CSS			S	Sg	01 38 06.5	+0.1
CSS			S	Sb	01 37 56.2	+0.1
CSS			AML	AML	01 38 07.2	
CSS			AML	AML	01 38 11.4	
CSS			AML	AML	01 38 12.3	
CSS			Pb	Pb	01 37 56.3	-0.3
CSS			S	Sb	01 38 07.5	+0.3
CSS			S	Sg	01 37 59.9	+0.1
CSS			S	Sb	01 38 13.0	-0.1
CSS			AML	AML	01 38 27.7	
ATHAL	Athassa	0.93 51	S	Sb	01 38 13.0	-0.1
0.4nm,0.7s						
ATHAL			AML	AML	01 38 31.8	
MVOU	Mavrovouni	1.03 641	J/P	Pg	01 37 59.8	-0.9
0.5nm,1.3s						
MVOU			S	Sb	01 38 15.6	0.0
MVOU			AML	AML	01 38 21.2	
LFK	Lefkose	1.10 49	Pn	Pb	01 38 01.3	-0.7
0.2nm,0.3s						
PARAL	Paralimni	1.33 71	P	Pg	01 38 06.2	-0.3
0.2nm,0.5s						
PARAL			AML	AML	01 38 30.1	
OSCI	CSNet OBS 1	1.47 224	P	Pn	01 38 06.3	-1.1
0.3nm,0.5s						
OSCI			S	Sb	01 38 26.4	-0.2
OSCI			S	Sg	01 38 08.8	+0.1
OSCI			S	Sb	01 38 29.1	0.0
OSCI			S	Sg	01 38 09.7	-0.1
OSCI			S	Sb	01 38 09.5	-0.5
OSCI			S	Sb	01 38 08.6	-1.6
OSCI			S	Sb	01 38 11.7	0.0

BECE	Buyukceci-Mer	1.81 28	Pn	Pn	01 38 11.9	-0.1
BERE	Bereket-Mersin	1.87 18	Pn	Pn	01 38 12.8	-0.2
IKL	Isikli	1.93 30	Pn	Pn	01 38 13.6	0.0
TEVE	Tevekkali-Mersin	2.02 22	Pn	Pn	01 38 14.7	+0.3
KEBE	Keben-Mersin	2.12 27	Pn	Pn	01 38 16.6	+0.2
SIL	Shilik-Mersin	2.14 22	Pn	Pn	01 38 16.7	+0.2
HDMB	Hadim	2.40 120	Pn	Pn	01 38 20.3	0.0
HNTI	Hanita	2.66 363	P	P	01 38 23.8	0.0
KRMT	Karaman	2.68 13	Pn	Pn	01 38 26.0	-0.1
OFRI	Ofer	2.83 132	P	P	01 38 25.7	-0.4
OFRI	Ofer	2.83 132	P	P	01 38 25.7	-0.4
MMA0B	Mount Meron ar	2.86 122	P	P	01 38 26.0	-0.5
BLGI	Bet Lehem HaGe	2.98 128	P	P	01 38 26.8	0.0
SEYD	Seydisheir-KON	2.89 349	Pn	Pn	01 38 27.6	+0.6
GEM	Giv'at Ha'Em	2.95 116	S	S	01 38 27.3	-0.4
GEM	Giv'at Ha'Em	2.95 116	P	P	01 38 27.3	-0.4
NATI	Neve Ativ	2.98 115	P	P	01 38 27.6	+0.6
NATI	Neve Ativ	2.98 115	P	P	01 38 27.7	-0.4
KORT	Korkuelli	3.00 325	Pn	Pn	01 38 29.1	+0.6
ELL	Elmali	3.04 317	Pn	Pn	01 38 29.7	+0.6
SLTI	Salfit	3.14 137	P	P	01 38 29.2	-1.0
SLTI	Salfit	3.14 137	P	P	01 38 29.7	+0.6
SLTI	Salfit	3.17 119	P	P	01 38 30.7	-0.1
SLTI	Salfit	3.17 119	P	P	01 38 30.8	+0.1
MMLI	Mount Malkishu	3.23 130	Pn	Pn	01 38 31.2	-0.3
MMLI	Mount Malkishu	3.23 130	Pn	Pn	01 38 31.2	-0.3
SALP	Salfit	3.35 137	P	P	01 38 33.3	0.0
SALP	Salfit	3.35 137	P	P	01 38 33.2	0.0
YESY	Yesilyur	3.36 17	Pn	Pn	01 38 34.2	+0.7
KONT	Konya-Tatoy	3.38 358	Pn	Pn	01 38 34.5	+0.9
ORNI	Al-Qirein	3.39 130	P	P	01 38 34.9	+0.8
HMDT	Nahal Hemdat	3.42 132	P	P	01 38 34.2	+0.1
HMDT	Nahal Hemdat	3.42 132	P	P	01 38 34.6	+0.5
CAME	Cameel-Denizil	3.53 313	Pn	Pn	01 38 36.8	+1.0
UJAP	Al Uja	3.59 136	S	S	01 38 37.7	+1.2
UJAP	Al Uja	3.59 136	P	P	01 38 37.7	+1.2
AMAZ	Amatzia	3.63 146	P	P	01 38 37.3	+0.1
AMAZ	Amatzia	3.63 146	P	P	01 38 37.3	+0.1
CMRD	Camardi-Nigde	3.69 32	Pn	Pn	01 38 38.6	+0.6
DSI	Dead Sea	3.84 140	P	P	01 38 39.9	0.0
DSI	Dead Sea	3.84 140	P	P	01 39 24.4	-0.5
HSJL	Al Zarqa	3.94 127	P	P	01 38 40.4	+0.5
KZIT	Kziot	3.98 156	P	P	01 38 42.6	+1.3
KZIT	Kziot	3.98 156	P	P	01 38 42.0	+0.1
MSBI	Mazada	4.03 143	P	P	01 38 28.5	0.0
MSBI	Mazada	4.03 143	P	P	01 38 41.7	-0.1
MSBI	Mazada	4.03 143	P	P	01 38 42.6	+1.3
MSBI	Mazada	4.03 143	P	P	01 38 42.0	+0.1
GHAJ	Ghor Haditha	4.14 141	P	P	01 38 43.7	+0.2
GHAJ	Ghor Haditha	4.14 141	P	P	01 38 32.2	-0.3
ASF	Jabal al Asfar	4.38 122	P	P	01 38 45.7	+1.6
PRNI	Paran	4.70 153	P	P	01 38 47.7	+0.3
PRNI	Paran	4.70 153	P	P	01 38 49.3	+0.2
PRNI	Paran	4.70 153	P	P	01 38 46.5	+0.2
PRNI	Paran	4.70 153	P	P	01 38 52.9	+1.1
KRMI	Paran Flat	4.81 156	P	P	01 38 53.2	-0.2
KRMI	Paran Flat	4.81 156	P	P	01 38 53.2	-0.2
HRFI	Mount Harif	4.99 154	P	P	01 38 56.1	+0.2
HRFI	Mount Harif	4.99 154	P	P	01 39 03.5	+0.1
HRFI	Mount Harif	4.99 154	P	P	01 38 55.8	0.0
EIL	Elat	5.30 156	P	P	01 39 00.3	+0.3
EIL	Elat	5.30 156	P	P	01 40 01.0	-0.1
EIL	Elat	5.30 156	P	P	01 39 00.5	+0.5

NEIC 29 01:38:54.7,2.8,1.86S,0.09:100.8E,0.1,1h78km,6km,
mb4.3/10,Error ellipse: s-maj=22.5km s-min=5.4km
az=55.0

DJA 29 01:38:55.0,3.2,3.3S,3.10E,1h,32km,5km,ML4.5/28,
mB5.8/1,mb4.9/1,MLV4.3/28,Mw(mB)5.3/1

IDC 29 01:38:58.2,12.0,1.65S,101.07E,h112km,109km,
mb3.6/10,mbtmp,0.1/10,MS3.1/1,Error ellipse:
s-maj=80.9km s-min=13.2km az=58.0

ISC 29 01:38:51.9,0.7,1.83S,0.06:100.73E,0.06,h56km,n47,
+2919/44,mb4.2/15,Southern Sumatara

Code	Station Name	Δ°	AZ°	Phase ID	Time	Res
					h m s	ISC
PDSI	Padang	0.95 343	P	Pn	01 39 12.3	+3.1
PPSI	Pulau Pagai	1.18 218	P	Pn	01 39 15.3	+3.1
PPI	Padang Panjang	1.41 246	P	Pn	01 39 18.9	+3.6
SISI	Saib	1.72 287	P	Pn	01 39 23.2	+3.7
MASH	Maura Aman, Be	1.95 131	P	Pn	01 39 25.9	+3.7
BKNI	Bangkitang	2.16 8	Pn	Pn	01 39 28.8	+3.2
BKNI	Bangkitang	2.16 8	Pn	Pn	01 39 49.1	-2.2
KSI	Kapahiang	2.59 134	P	Pn	01 39 35.8	+4.3
MNSI	Mandailing Nat	2.85 336	P	Pn	01 39 38.7	+3.7
PBSI	Pulau Batu	3.02 306	Pn	Pn	01 39 40.4	+3.1
MNAI	Manni	3.35 139	Pn	Pn	01 39 46.2	+4.4
MDSI	Maura Dua	4.33 128	Pn	Pn	01 39 59.9	+4.6
GSI	Gunungsitoli	4.43 315	Pn	Pn	01 39 58.5	+1.8
GSI	Gunungsitoli	4.43 315	Pn	Pn	01 40 00.1	+3.4
RPSI	Rantau Prapat	4.88 338	Pn	Pn	01 40 07.3	+4.9
KLSI	Kali	4.90 126	P	P	01 40 08.0	+5.0</

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PKD Bear Valley Ra, PSMM Smith Mountain, BFSC Mount Baldy Ra, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like MINAT Makushin Natee, MREP Makushin Rep't, MGOD Makushin Gods, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like OKNC Okmok New Cone, OKCE Okmok Cone E, SSBA Shishaldin, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like K29M Barlow Dome, D25K Kavik River, H29M Whitestone, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like H11S1 WAKE ISLAND Hy 40.80 220, H11S2 WAKE ISLAND Hy 40.81 220, etc.

IDC 29 02:20:31.3 0.7, 11.80N, 125.69E, h0km, mb4.0/13, mbtmp4.0/13, MS2.8/3, Error ellipse: s-maj=37.5km s-min=15.7km az=68.0

MAN 29 02:20:36.0 1.1, 88N, 125.57E, h15km, MS3.5 MAN INTENSITY III - SAN JULIAN AND BORONGAN EASTERN SAMAR;

ISC 29 02:20:33.5 1.9, 9.1, 82N, 10.05E, 125.66E, 0.06, h13km, 11km, n30, r156/32, mb4.1/13, Samar

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like PLO Palo, MPMH Masbate, LLLP Lapu-Lapu, etc.

IDC 29 02:30:43.6 1.6, 24.11N, 66.74W, h171km, 22km, mb3.2/1, mbtmp3.5/5, Error ellipse: s-maj=38.6km s-min=14.7km az=96.0

ISC 29 02:30:43.8 1.0, 24.10S, 0.07E, 66.8W, 0.2, h181km, n6, r182/8, Salta Province

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like CFA Coronel Fontan, LPAZ La Paz, etc.

BJI 29 02:37:33.1, 24.63N, 125.41E, h61km, mb4.4/5, mb4.4/5, 24.21N, MS3.7/1, MS7.3/1

JMA 29 02:37:34.7, 1.2, 53N, 0.1, 166.9W, 0.2, h10km, 1km, mb3.7/32, ML4.1/6, ML3.7/AE(C), Error ellipse: s-maj=24.4km s-min=10.6km az=324.0

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

JOGS	comp=N,113nm,1.1s,comp=E,132nm,1.2s	A	A	02 37 42.0
JOGS	Miyako jima3	0.10 253	i P	02 37 47.3 -0.4
JMJ2		0.27 42.1	P	02 37 42.1 -0.5
JMJ2	comp=N,89nm,1.7s,comp=E,116nm,1.2s	A	A	02 37 42.1
JMJ2		0.14 289	S	02 37 47.7 -0.4
JMJ2	Miyako jima 2	0.14 289	P	02 37 41.8 -0.9
JMJ	Miyako jima 2	0.14 289	S	02 37 47.8 -0.5
JMKM	Ikemajima	0.23 312	i P	02 37 42.5 -0.8
JMKM		0.27 42.5	A	02 37 42.5
JMKM	comp=N,169nm,0.5s,comp=E,79nm,0.5s	A	A	02 37 47.7 -1.6
JMKM	Irabujima	0.23 286	i P	02 37 42.5 -0.8
JIRJ		0.27 42.5	A	02 37 42.5
JIRJ	comp=N,114nm,1.4s,comp=E,142nm,1.5s	A	A	02 37 48.1 -1.2
JIRJ	Tarama	0.68 259	i P	02 37 48.0 -0.2
JTJ		0.27 48.0	A	02 37 48.0
JTJ	comp=N,81nm,0.3s,comp=E,120nm,0.4s	A	A	02 37 57.8 -0.2
JTJ	Ishigakijimahi	1.04 260	i P	02 37 53.1 +0.1
JISG		0.27 53.1	A	02 37 53.1
JISG	comp=N,16nm,0.4s,comp=E,16nm,0.6s	A	A	02 38 06.3 -0.2
JISG	Ishigaki jima	1.24 251	i P	02 37 55.7 -0.1
JJU		0.27 55.7	A	02 37 55.7
JJU	comp=N,9.0nm,1.2s,comp=E,5.0nm,1.0s	A	A	02 38 11.2 -0.3
JJU	Kuro-shima	1.40 248	e P	02 37 58.4 +0.4
JKRS		0.27 58.4	A	02 37 58.4
JKRS	comp=N,12nm,1.1s,comp=E,17nm,1.4s	A	A	02 38 15.0 -0.3
JKRS	Iriomote-Funau	1.61 255	i P	02 38 00.6 -0.2
IRIF		0.28 00.6	A	02 38 00.6
IRIF	comp=N,6.0nm,0.5s,comp=E,6.0nm,0.7s	A	A	02 38 20.2 -0.2
IRIF	Hateruma jima	1.65 245	i P	02 38 01.2 -0.1
HATJ		0.28 01.2	A	02 38 21.7 +0.4
HATJ	comp=N,10.0nm,1.1s,comp=E,8.0nm,2.2s	A	A	02 38 08.1 -1.1
HATJ	Yonaguni jima	2.23 263	P	02 38 08.9 -0.4
YOJ	Yonaguni jima	2.23 263	P	02 38 08.1 -1.1
YOJ	Yonaguni jima	2.23 263	P	02 38 08.9 -0.4
YOJ	Yonaguni jima	2.23 263	P	02 38 08.9 -0.4
YJNG	Yonagunijimaku	2.29 263	i P	02 38 09.8 -0.3
YJNG		0.28 09.8	A	02 38 35.5 -1.6
JOW	Kunigami	3.28 51	e P	02 38 23.8 +0.1
JOW	comp=E,23nm,0.3s,baz=210,slow=9.1,SNR=21	A	A	02 38 59.3 -2.3
JOW	comp=E,20nm,0.3s	A	A	02 38 24.0 +0.3
JOW	Kunigami	3.28 51	P	02 38 23.6 -0.1
JOW	Kunigami	3.28 51	P	02 38 26.9 -0.5
NACB	Ninganchiao	3.55 261	P	02 38 29.4 +1.4
NACB	Ninganchiao	3.55 261	P	02 38 29.1 +1.2
TATO	Taipei	3.59 274	P	02 38 31.2 +1.7
TATO	Taipei	3.59 274	P	02 38 30.8 +1.3
YHNB	Yeheng	3.69 269	P	02 38 31.8 -2.1
YHNB	Yeheng	3.69 269	P	02 38 35.9 -0.5
YULB	Yu-hi	4.02 251	P	02 38 35.9 -0.5
YULB	Yu-hi	4.02 251	P	02 38 35.9 -0.5
SSLB	Suangleung	4.20 257	P	02 38 37.3 -2.4
SSLB	Suangleung	4.20 257	P	02 38 41.0 +1.2
TWGBT	Beinan	4.44 245	P	02 38 46.9 -5.1
TWGBT	Beinan	4.44 245	P	02 39 06.1 -0.7
TRUB	Ta-pu	4.63 253	P	02 39 07.0 +1.0
JMG	Minamidaito 2	5.34 78	P	02 39 07.0 +1.0
JMG	Minamidaito 2	5.34 78	P	02 39 07.0 +1.0
KNMB	Chin-men Tao	6.42 269	P	02 39 07.0 +1.0
NJ2	Nanjing	9.28 323	e P	02 39 47.0 +1.0
NJ2		0.28 47.0	A	02 39 47.0 +1.0
WHN	Wuhan	11.38 303	P	02 40 17.0 +2.3
KSRS	Korea Array	12.82 9	P	02 40 36.1 +1.8
KSRS	comp=E,0.2nm,0.3s,baz=193,slow=13,SNR=13	A	A	02 45 59.2
KSRS	comp=E,68nm,19.1s,baz=185,slow=40	A	A	02 45 52.2
JCJ	Chichijima	15.25 78	LR	02 41 14.5 0.0
JCJ	comp=E,52nm,20.8s,baz=122,slow=32	A	A	02 41 14.5 0.0
HNS	Hongshan	15.57 326	i P	02 41 14.5 0.0
HNS		0.28 14.5	A	02 41 14.5 0.0
HNS	comp=E,8.0nm,1.0s	A	A	02 41 20.6 +0.6
HNS		0.28 20.6	A	02 41 30.5 -0.8
HNS	comp=E,100nm,8.0s	A	A	02 41 30.5 -0.8
HNS	comp=E,120nm,10.6s	A	A	02 41 30.5 -0.8
HNS	comp=E,140nm,15.1s	A	A	02 41 30.5 -0.8
MJAR	Matsushiro Arr	16.06 40	P	02 41 30.5 -0.8
MJAR	comp=E,0.1nm,0.3s,baz=227,slow=9.4,SNR=10	A	A	02 41 30.5 -0.8
XAN	Xi'an	17.08 307	i P	02 41 30.5 -0.8
XAN		0.28 30.5	A	02 41 30.5 -0.8
XAN	comp=E,6.0nm,0.9s	A	A	02 41 33.5 +2.3
XAN		0.28 33.5	A	02 42 38.8 +0.6
XAN	comp=E,100nm,14.4s	A	A	02 42 38.8 +0.6
XAN	comp=E,180nm,14.4s	A	A	02 42 38.8 +0.6
XAN	comp=E,260nm,14.4s	A	A	02 41 33.5 +2.3
BVJ2	Beijing	17.08 335	P	02 42 38.8 +0.6
BVJ2	Davao City (W)	17.08 180	LR	02 42 38.8 +0.6
BVJ2	comp=E,40nm,19.3s,baz=342,slow=37	A	A	02 41 53.5 +0.3
CN2	Changchun	18.98 0	P	02 41 53.5 +0.3
CN2		0.28 53.5	A	02 42 02.0 -0.9
HHC	Hu-ho-hao-tse	19.78 327	e P	02 42 02.0 -0.9
HHC		0.28 02.0	A	02 42 02.0 -0.9
HHC	comp=E,19nm,0.9s	A	A	02 42 02.0 -0.9
HHC	comp=E,50nm,4.5s	A	A	02 42 02.0 -0.9
HHC	comp=E,130nm,15.2s	A	A	02 42 02.0 -0.9
HHC	comp=E,97nm,13.6s	A	A	02 42 02.0 -0.9
HHC	comp=E,89nm,15.8s	A	A	02 42 02.0 -0.9
USRK	Ussuriysk Ar.	20.11 14	P	02 42 03.4 -1.0
USRK	comp=E,0.3nm,0.3s,baz=187,slow=8.5,SNR=4.1	A	A	02 42 02.9 -1.5
USRK	comp=E,2.1nm,0.7s	A	A	02 42 20.3 +1.4
USRK	Ussuriysk Ar.	20.11 14	P	02 42 02.9 -1.5
PRK	PanZhiHua	21.43 280	P	02 42 20.3 +1.4
GUMO	Guam	21.43 118	LR	02 51 41.0
LZH	Lanzhou	21.72 306	e P	02 42 23.0 +1.0
LZH		0.28 23.0	A	02 42 35.5 -4.1
LZH	comp=E,13nm,1.3s	A	A	02 42 35.5 -4.1
LZH	comp=E,120nm,17.2s	A	A	02 42 35.5 -4.1
LZH	comp=E,140nm,18.2s	A	A	02 42 35.5 -4.1
LZH	comp=E,140nm,15.5s	A	A	02 42 21.4 -1.3
LZDM	Lanzhou Array	21.77 306	P	02 42 21.4 -1.3
LZDM	comp=E,1.6nm,0.3s,baz=146,slow=11,SNR=3.8	A	A	02 53 36.0
KLR	Kul'dur	24.91 10	LR	02 53 36.0
KLR	comp=E,38nm,19.6s,baz=234,slow=39	A	A	02 42 53.9 -1.3
HILR	Hailar Array B	25.14 351	P	02 42 53.9 -1.3
HILR	comp=E,2.9nm,0.5s	A	A	02 42 57.3 -0.5
CMAR	Chiang Mai Arr	25.39 261	P	02 42 57.3 -0.5
CMAR	comp=E,1.2nm,0.3s,baz=71,slow=9.0,SNR=9.0	A	A	02 53 25.9
CMAR	comp=E,23nm,19.2s,baz=65,slow=36	A	A	02 43 03.3 -0.9
CMAR	comp=E,1.2nm,0.3s	A	A	02 43 03.3 -0.9
GA2A	Gaotai	26.11 310	e P	02 43 03.3 -0.9
GA2A		0.28 03.3	A	02 43 03.3 -0.9
GA2A	comp=E,13nm,0.8s	A	A	02 43 14.3 -0.2
GA2A		0.28 14.3	A	02 43 15.2 -1.6
GA2A	comp=E,87nm,11.7s	A	A	02 43 15.2 -1.6
GA2A	comp=E,92nm,14.0s	A	A	02 43 15.2 -1.6
GA2A	comp=E,130nm,14.3s	A	A	02 43 17.2 +0.4
ULN	Ulanbaatar	27.26 332	P	02 43 17.2 +0.4
SONM	Songino Array	27.52 332	P	02 54 12.5
SONM	comp=E,1.4nm,0.5s,baz=134,slow=6.4,SNR=7.8	A	A	02 54 42.7
SONM	comp=E,126nm,18.9s,baz=164,slow=40	A	A	02 43 17.2 +0.4
SONM	comp=E,1.4nm,0.5s	A	A	02 54 12.5
SONM	Songino Array	27.52 332	P	02 54 12.5
JAY	Jayapura	30.91 149	LR	02 54 12.5
JAY	comp=E,57nm,19.6s,baz=136,slow=82	A	A	02 58 24.0
TLY	Talaya	31.61 334	LR	02 58 24.0

EVN	Everest	34.65 284	P	02 44 20.7 +0.3
EVN	comp=E,67nm,18.9s,baz=112,slow=40	A	A	02 44 21.6
WMO	Urumqi	36.12 311	e P	02 44 34.5 +2.4
WMO		0.28 34.5	A	02 44 41.3 -0.4
PEA0B	Petropavlovsk	37.26 32	P	02 45 14.6
PEA0B	comp=Z,3.7nm,0.4s	A	A	02 44 41.6 -0.1
PEA0B	comp=Z,4.1nm,19.5s	A	A	03 00 26.4
PETK	Petropavlovsk	37.26 32	P	03 00 26.4
PETK	comp=Z,2.0nm,0.6s,baz=234,slow=5.1,SNR=5.5	A	A	03 05 40.7
H1N1	WAKE ISLAND Hy	38.59 37	T	03 05 40.7
H1N1	comp=Z,2.0nm,0.6s	A	A	03 05 44.2
H1N2	WAKE ISLAND Hy	38.60 89	T	03 05 44.2
H1N2	comp=Z,2.0nm,0.6s	A	A	03 05 54.0
H1N3	WAKE ISLAND Hy	38.61 89	T	03 05 54.0
H1N3	comp=Z,2.0nm,0.6s	A	A	03 01 16.5
MA2	Magadan	39.03 20	LR	03 01 16.5
MA2	comp=Z,1.5nm,18.1s,baz=182,slow=66	A	A	02 45 09.4 -0.9
MKAR	Makanchi Array	40.67 314	P	02 45 09.4 -0.9
MKAR	comp=Z,3.6nm,0.5s,baz=96,slow=11,SNR=18	A	A	03 03 14.3
MKAR	comp=Z,3.6nm,0.5s	A	A	02 45 08.9 -1.4
MKAR	Makanchi Array	40.67 314	P	02 45 11.3 -0.7
MAKZ	Makanchi	40.88 314	P	02 45 12.1
MAKZ	comp=Z,5.9nm,0.7s	A	A	02 45 19.3 -1.1
ZAAO	Zalesovo Array	41.93 325	P	02 45 19.3 -1.1
ZALV	Zalesovo Beam	41.93 325	P	02 45 18.5 -1.9
ZALV	comp=Z,3.4nm,0.4s,baz=117,slow=8.5,SNR=17	A	A	03 04 20.1
ZALV	comp=Z,3.2nm,19.9s,baz=246,slow=38	A	A	02 45 19.1 -1.3
ZALV	Zalesovo Beam	41.93 325	P	02 45 37.4 -1.3
KURK	Kurchatov	44.18 318	P	02 45 37.4 -1.3
KURB	Kurchatov Arra	44.21 318	P	02 45 37.5 -1.4
KURB	comp=Z,1.6nm,0.5s	A	A	02 45 47.2 +0.7
WBD	Warramunga Arr	45.12 168	P	02 46 01.2
WBD	comp=Z,1.2nm,0.8s	A	A	03 07 40.8
AAK	Ala-Archa	45.26 306	LR	02 45 49.9 +2.2
AAK	comp=Z,5.5nm,19.6s,baz=107,slow=40	A	A	02 45 48.1 +0.4
WRA	Warramunga Arr	45.28 168	P	02 45 49.9 +2.2
WRA	comp=Z,0.7nm,0.6s,baz=348,slow=8.8,SNR=7.2	A	A	02 45 48.1 +0.4
WRA	Warramunga Arr	45.28 168	P	02 45 40.4
WR8	Warramunga Arr	45.32 168	P	02 45 40.4
WR8	comp=Z,1.2nm,0.9s	A	A	03 05 43.3
PALK	Pallekele	46.13 256	LR	03 05 43.3
PALK	comp=Z,4.7nm,19.8s,baz=186,slow=37	A	A	02 45 58.5 +0.2
ARSB	Arslanbob	46.26 304	P	03 06 42.6
TIXI	Tiksi	46.95 1	LR	02 46 10.2 -0.3
TIXI	comp=Z,4.7nm,21.1s,baz=196,slow=37	A	A	02 46 10.8 +0.2
KK31	Karatay Array	48.22 307	P	02 46 11.5 +0.7
KKAR	Karatay Array	48.22 307	P	02 46 12.0
GAR	Garm	48.22 301	P	02 46 17.6 +2.0
GAR	comp=Z,7.7nm,0.8s	A	A	02 46 18.4 +2.8
ASAR	Alice Springs	48.84 170	P	02 46 19.3 +0.3
ASAR	comp=Z,0.5nm,0.4s,baz=354,slow=7.0,SNR=7.9	A	A	02 46 22.5
ASAR	Alice Springs	48.84 170	P	02 46 20.4 -1.4
KBL	Kabul	49.42 295	P	02 46 20.4 -1.4
KBL	comp=Z,7.5nm,0.9s	A	A	02 46 22.5 +0.1
BVAR	Borovoye Array	49.71 320	P	02 46 22.5 +0.1
BVAR	comp=Z,1.3nm,0.4s,baz=101,slow=7.9,SNR=6.9	A	A	02 46 24.9
BORK	Borovoye	49.76 320	P	02 46 24.9
BORK	comp=Z,2.2nm,0.4s	A	A	03 07 41.3
NRIK	Notlik	49.90 343	LR	03 07 41.3
NRIK	comp=Z,4.6nm,21.4s,baz=138,slow=36	A	A	02 47 06.3 +0.6
SPIA	Saint Paul Is	55.67 36	P	02 47 06.3 +0.6
SPIA	comp=Z,2.6nm,0.4s	A	A	02 47 06.9 -0.1
AB31	Abkhal array	55.82 314	P	02 47 06.8 -0.2
ABKAR	Abkhal array	55.82 314	P	02 47 09.2 +0.4
GAMB	Gambell	56.12 28	P	02 47 09.2 +0.4
GAMB	comp=Z,2.2nm,0.4s	A	A	03 13 39.4
ARTI	Arti	57.08 322	LR	03 13 39.4
ARTI	comp=Z,5.7nm,20.2s,baz=189,slow=39	A	A	02 47 14.7 -1.1
UNV	Unalaska Valle	57.53 41	P	02 47 19.1 +0.1
TNA	Tin City	58.07 27	P	02 47 23.1 +0.4
TNA	comp=Z,2.2nm,0.4s	A	A	02 47 23.6 +0.5
M11K	Mekoryuk	58.12 33	P	02 47 23.6 +0.5
M11K	comp=Z,2.2nm,0.4s	A	A	02 47 27.2 +0.1
F14K	Arctic Creek	58.71 27</		

Main data table with columns for station name, frequency, mode, and signal strength. Includes stations like MET6, MAGU, STFN, ANKY, etc.

29d 4h

Table with columns for station name, frequency, power, and signal strength. Includes stations like PTO Porto, PCAS Casimiro, MESJ Mesesjana, etc.

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Table with columns for station name, frequency, power, and signal strength. Includes stations like DRLN Deer Lake, LBTB Lobatse, PZH PanZhiHu, etc.

1802

Table with columns for station name, frequency, power, and signal strength. Includes stations like G31M Satah River, F25K Christian River, G30M Aoh Zraii Nji, etc.

1803

Table with columns: ULM, comp, pmax, pmax, and various station identifiers (M31M, M29M, etc.) and their associated data.

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Main table with columns: BG3, P18K, O15K, HODGE, EDM, W52A, Q18K, Q44A, CLTN, GOGA, GOGA, SIT, KDAD, R17L, V48A, FPAL, P40A, WVT, WVT, WVT, OHAK, CRAIG, CCM, X48A, SII, Y49A, S14K, EGMT, CHIR, LRAL, SDPT, FALS, BDBF, BDBF, CHNA, WHAR, U38A, JCJ, ANMO, YBH, TXAR, TXAR, ASAR, ASAR, QSPA, Gll, IDC, AFAD, ATH, THE, ISC, Code, Station Name, Az, Op, Phase ID, Time, Res, ISC, and various station identifiers (RODB, TURN, etc.) and their associated data.

29d 4h

Table with columns: BODT, BODT, BODT, YKAV, AKAS, KUNA, KLNA, APMY, DIDI, ELL, ELM, DEMR, NAZILLI, KARP, KARP, KARP, KARP, AYDB, GCAM, KUSD, KORT, ODEM, KEMT, ANTB, BASM, KULA, BCK, BLBC, BLBC, ISP, ISP, ZKR, ZKR, THRR, THERA, THERA, GORD, AKS, THR2, THRA, SA3, THRS, CHOS, CHOS, NPS, NPS, NPS, NPS, IDI, IDI, IDI, IDI, PRK, PRK, PRK, MHLO, SIVA, KARY, VAM, EZN, IMMV, IMMV, SKY, SKY, DION, DION, VLY, PTL, PTL, GVD, GVD, ATHU, ATHU, CSS, CSS, BRTR, BRTR, OFRI, OFRI, MMCT, MMAOB, MMAOB, MMAI, MMAI, GEM, GEM, NATI, SMTI, SMTI, MMLI, SALP, HMDT, UJAP, UJAP, KZIT, KZIT, YTHR, YTHR, DSI, DSI, MSBI, MSBI, GHJ, RMNI, RMNI, ASF, ASF, PRNI, PRNI, KRMI, KRMI, HRFI, HRFI, EIL, EIL, EIL, EIL, MLR, MLR

Table with columns: ESDC, Sonseca Array, 25.53 287 P, P, 04 48 41.8 -0.3

Table with columns: TORO, Torodi Ar, Be, 33.39 233 P, P, 04 49 53.5 +1.5

NEIC 29 04:43.94.1.0, 17.85N, 0.03:67.12W, 0.02, h10km, 1km, ML2.6/37, MD3.2/19(RSPR), Error ellipse: s-maj=5.4km

RSPR 29 04:43.46.6, 17.95N, 67.09W, h11km, MD3.2/19, SDD 29 04:43.46.6, 17.90N, 67.11W, h12km, 3km, MD2.7, ML2.3, MW2.5, Presumed earthquake

OSPL 29 04:43.46.6, 0.3, 17.92N, 67.08W, h22km, 2km, ML3.3, Presumed earthquake

ISC 29 04:43.45.8, 1.0, 17.96N, 0.06:67.08W, 0.03, h17km, 5km, n44, c0568/73, 10C-SD, Mona Passage

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

Table with columns: ROSC, EI Rosal, 2.05 71 P, Pn, 04 47 28.8 +0.9

NNC 29 04:49:08.5, 2.2, 37.08N, 70.74E, h0km, mb3.9, mpv3.7, Error ellipse: s-maj=17.3km, s-min=15.6km, az=2.0

ISC 29 04:49:04.3, 1.1, 37.52N, 0.06:72.4E, 0.1, h10km, n8, c3515/13, 5C-1D, Tajikistan

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

SOME 29 04:57:49.6, 4.2, 17N, 69.25E, h5km, KRNET 29 04:57:50.0, 1.4, 17N, 68.92E, mb2.6

ISU 29 04:58:09.4, 1.5, 58N, 69.46E, h5km, ISC 29 04:57:44.4, 2.8, 42.27N, 0.05:69.0E, 0.1, h2km, 13km, n9, c1917/18, 7C-4D, Central Kazakhstan

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

SJA 29 05:06:26.8, 0.5, 18.92S, 63.87W, h7km, ML4.5, MW4.1, IDC 29 05:06:28.0, 0.5, 18.85S, 64.05W, h0km, mb4.5/18, mbtmp4.5/23, ML4.3, M3.5, S3.5, Error ellipse: s-maj=18.8km, s-min=13.0km, az=61.0

NEIC 29 05:06:28.5, 1.1, 18.88S, 0.07:64.07W, 0.08, h10km, 1km, mb5.1/278, Error ellipse: s-maj=12.4km, s-min=11.2km, az=256.0

SCB 29 05:06:29.4, 1.2, 18.82S, 63.90W, h35km, 4km, MBS.3, ML4.8/3, Error ellipse: s-maj=3.2km, s-min=2.5km, az=0.0

MOS 29 05:06:29.1, 1.2, 18.51S, 63.97W, h14km, mb5.1/15, Error ellipse: s-maj=18.4km, s-min=9.7km, az=127.6

VAO 29 05:06:31.2, 0.2, 18.67S, 63.79W, h10km, mb4.6, Presumed earthquake

ISC 29 05:06:32.5, 0.3, 18.81S, 0.04:63.92W, 0.04, h35km, n370, c1998/276, mb5.0/156, M3.6/13, 8C-3D, Central Bolivia

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

Table with columns: BBOD, La Paz, Gloria, 4.95 295 Pn, Pn, 05 07 48.0 +3.0

baz=86, slow=19, SNR=1.1, comp=Z, 1.8nm, 0.7s

baz=259, slow=10, SNR=4.2, comp=Z, 0.4nm, 0.3s, baz=178, slow=16, SNR=3.3

baz=302, slow=38, comp=Z, 1.77nm, 1.9s

baz=302, slow=38, comp=Z, 1.77nm, 1.9s

baz=302, slow=38, comp=Z, 1.77nm, 1.9s

baz=302, slow=38, comp=Z, 1.77nm, 1.9s

baz=302, slow=38, comp=Z, 1.77nm, 1.9s

baz=302, slow=38, comp=Z, 1.77nm, 1.9s

baz=302, slow=38, comp=Z, 1.77nm, 1.9s

baz=302, slow=38, comp=Z, 1.77nm, 1.9s

baz=302, slow=38, comp=Z, 1.77nm, 1.9s

baz=302, slow=38, comp=Z, 1.77nm, 1.9s

baz=302, slow=38, comp=Z, 1.77nm, 1.9s

baz=302, slow=38, comp=Z, 1.77nm, 1.9s

baz=302, slow=38, comp=Z, 1.77nm, 1.9s

baz=302, slow=38, comp=Z, 1.77nm, 1.9s

baz=302, slow=38, comp=Z, 1.77nm, 1.9s

baz=302, slow=38, comp=Z, 1.77nm, 1.9s

baz=302, slow=38, comp=Z, 1.77nm, 1.9s

baz=302, slow=38, comp=Z, 1.77nm, 1.9s

baz=302, slow=38, comp=Z, 1.77nm, 1.9s

baz=302, slow=38, comp=Z, 1.77nm, 1.9s

baz=302, slow=38, comp=Z, 1.77nm, 1.9s

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baz=302, slow=38, comp=Z, 1.77nm, 1.9s

baz=302, slow=38, comp=Z, 1.77nm, 1.9s

baz=302, slow=38, comp=Z, 1.77nm, 1.9s

baz=302, slow=38, comp=Z, 1.77nm, 1.9s

baz=302, slow=38, comp=Z, 1.77nm, 1.9s

baz=302, slow=38, comp=Z, 1.77nm, 1.9s

Table with columns: QMBU, comp, IAML, Time, Res. Includes entries for QMBU, GTBY, RCC, and RCC.

TAP 29 07:10:11.8, 23.97N:122.61E, h26km, ML4.0, C
JMA 29 07:10:11.9, 0.3, 24 N, 2 N, 2, 122.6E:0.7, h28km, 4km,
MV3.3/15, NW OFF ISHIGAKIJIMA IS
ISC 29 07:10:11.6, 1.0, 23.92N:0.02:122.61E:0.02, h24km, 10km,
n144, 0.09N/254, Taiwan region

Main station list table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists numerous stations like E0S4, E0S3, YONG, etc.

Main station list table with columns: WCS, KSHI, WHP, SMLT, YMO8, ZUZH, etc. Lists stations like Guanxi Township, Taichung City, Sun Moon Lake, etc.

NEIC 29 07:15:14.0, 1.2, 17.86N:0.01:66.996W:0.0009,
h10km, 1km, ML3.8/4.1, MD3.9/16(RSPR), Error ellipse:
s-maj=3.1km s-min=2.0km az=345.0

PTWC 29 07:15:14.1, 17.90N:67.00W, M3.8/15
RSPR 29 07:15:15.1, 17.95N:66.97W, h6km, MD3.9/16
OSPL 29 07:15:15.8, 0.8, 17.92N:66.98W, h0km, 25km, ML3.8,

Presumed earthquake
SDD 29 07:15:15.4, 1.2, 17.90N:66.95W, h0km, 7km, MD2.5,
ML3.4, MW3.5, Presumed earthquake

ISC 29 07:15:14.2, 0.8, 17.93N:0.04:66.97W:0.02, h1km, 3km,
n86, 0.095/116, 10C-12D, Puerto Rico region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like MLPR, Maguayes Isian, etc.

Main station list table with columns: LSP, Las Mesas, PRSN, Puerto Rico Se, etc. Lists stations like Las Mesas, Puerto Rico Se, etc.

JMA 29 07:24:31.0, 0.2, 24 N, 1 E, 122.6E:0.6, h27km, MV2.4/12,
NW OFF ISHIGAKIJIMA IS
TAP 29 07:24:31.1, 24.00N:122.60E, h27km, ML3.2, C
ISC 29 07:24:30.9, 1.0, 23.94N:0.03:122.60E:0.02, h27km, 10km,
n72, 0.097/119, Taiwan region

Table with columns: Code, Station Name, Az, Phase, ID, Time, Res, ISC. Lists stations like E0S4, E0S4, E0S3, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like YJNG, YOJ, YON, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like TWE, WARB, HGSD, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Time, Res. Includes stations like MKAR, GEVA, HHC, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res. Includes stations like MIJAS, NIJAR, PRESA DE QUENT, SIERRA GORDA, IFRANE, MIDETT, etc.

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

29d 8h

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

2020 JUN

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29d 8h

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2020 JUN

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29d 8h

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29d 8h

SJI	Sorong	58.00	279	LR	LR	09 30 41.9
FITZ	Fitzroy Crossi	59.55	258	LR	LR	09 31 34.8
FITZ	Fitzroy Crossi	60.26	258	P	P	09 06 57.7 +0.0
SBA	Scott Base	62.86	185	P	P	09 07 21.2 +2.1
VNDA	Vanda	63.02	186	P	P	09 07 20.8 +0.6
VNDA	Vanda	63.02	186	P	P	09 07 21.7 +1.5
MBWA	Marble Bar	64.64	254	P	P	09 07 31.5 -0.3
MORW	Morawa	67.00	245	P	P	09 07 46.8 -0.2
KJZ	Minamidaito 2	69.19	306	P	P	09 07 59.9 -0.8
UNV	Unalaska Valle	69.63	3	P	P	09 08 02.4 -0.3
AMUT	Akutaran	69.96	4	P	P	09 08 07.4 0.0
MJAR	Matsushiro Arr	70.29	319	P	P	09 08 07.0 -0.3
MJAR	Matsushiro Arr	70.29	319	P	P	09 08 06.9 -0.3
FALS	False Pass	70.86	5	P	P	09 08 11.4 +1.2
CHNA	Chernabura Isl	71.24	7	P	P	09 08 13.7 +1.2
SDPT	Sand Point	71.64	7	P	P	09 08 16.0 +1.1
ESJX	Sierra Juarez	71.68	48	P	P	09 08 16.5 +0.5
ESJX	Sierra Juarez	71.68	48	P	P	09 10 05.1
S14K	Fog Glacier	72.67	7	P	P	09 08 21.3 +0.1
JKA	Kamikawa-asahi	72.76	327	P	P	09 08 21.5 -0.4
CHGN	Chignik	72.82	8	P	P	09 08 22.2 +0.2
CHGN	Chignik	72.82	8	P	P	09 08 22.7 +0.6
M02C	Callahan	72.82	36	P	P	09 08 22.6 -0.2
SPIA	Saint Paul Isl	72.83	1	P	P	09 08 22.6 +0.6
K02D	Williamette Mer	73.23	35	P	P	09 08 25.2 +0.3
QSM	Queen of Sheba	73.24	44	P	P	09 08 25.0 0.0
QSM	Queen of Sheba	73.24	44	P	P	09 08 27.5
PETK	Petrovavovsk	73.58	341	P	P	09 08 26.6 0.0
NVAR	Mina Array Bea	73.73	41	P	P	09 08 28.5 +0.4
NVAR	Mina Array Bea	73.73	41	P	P	09 08 28.3 +0.2
QSPA	South Pole Qui	74.13	180	P	P	09 08 29.9 -0.1
QSPA	South Pole Qui	74.13	180	P	P	09 08 30.6 +0.6
TPH	Toponah	74.21	42	P	P	09 08 31.5 +0.6
R17L	Mt. Peulik Vol	74.40	9	P	P	09 08 31.7 +0.4
OHAK	Old Harbor	74.49	10	P	P	09 08 32.4 +0.6
OHAK	Old Harbor	74.49	10	P	P	09 08 32.1 +0.3
K05A	Summer Lake	74.80	36	P	P	09 08 35.7 +1.5
K05A	Summer Lake	74.80	36	P	P	09 08 37.3
Q17K	Contact Creek	75.08	9	P	P	09 08 35.7 +0.4
ACHA	Angle Creek He	75.11	9	P	P	09 08 35.8 +0.3
ACHA	Angle Creek He	75.11	9	P	P	09 09 57.3
KDAK	Kodiak Island	75.15	11	P	P	09 08 36.4 +0.8
KDAK	Kodiak Island	75.15	11	P	P	09 08 36.1 +0.5
Q16K	King Salmon	75.37	8	P	P	09 08 37.5 +0.7
PINE	Pine Mountain	75.45	36	P	P	09 08 38.0 +0.1
PINE	Pine Mountain	75.45	36	P	P	09 08 40.4
P16K	Nushagak River	75.54	7	P	P	09 08 38.5 +0.7
Q18K	Katmai Hardscr	75.58	9	P	P	09 08 38.1 -0.1
P17K	Kvichak River	75.90	8	P	P	09 08 39.8 -0.1
P17K	Kvichak River	75.90	8	P	P	09 08 40.0 +0.2
N14K	Kuskokwak Cree	76.02	5	P	P	09 08 41.2 +0.7
Q19K	Cape Douglas,	76.06	10	P	P	09 08 41.9 +1.1
Q19K	Cape Douglas,	76.06	10	P	P	09 08 41.2 +0.3
O16K	Kokwok River B	76.07	7	P	P	09 08 41.0 +0.2
M11K	Mekoryuk	76.17	3	P	P	09 08 41.8 +0.4
P18K	Big Mountain,	76.26	9	P	P	09 08 42.3 +0.3
O17K	Koliganek Bris	76.37	8	P	P	09 08 43.3 +0.8
M13K	Dall Lake	76.38	4	P	P	09 08 43.1 +0.5
N15K	Kwethluk River	76.42	6	P	P	09 08 43.1 +0.2
I07A	Izeze	76.44	36	P	P	09 08 44.0 +0.5
POUT	Pine Spring	76.66	43	P	P	09 08 45.0 0.0
O18K	Koktuh Hills	76.71	9	P	P	09 08 44.1 -0.4
O18K	Koktuh Hills	76.71	9	P	P	09 08 45.7
O18K	Koktuh Hills	76.71	9	P	P	09 08 44.9 +0.5
P19K	Oil Pt	76.81	10	P	P	09 08 45.7 +0.5
M14K	Bethel	76.82	5	P	P	09 08 46.2 +1.2
M14K	Bethel	76.82	5	P	P	09 08 46.0 +1.0
N16K	Nishiik Lake	76.86	7	P	P	09 08 45.8 +0.4
M15K	Kasigluk River	76.88	6	P	P	09 08 45.9 +0.5
GNW	Green Mountain	76.90	32	P	P	09 08 46.2 +0.4
GNW	Green Mountain	76.90	32	P	P	09 10 36.8
ELK	Eiko	77.00	41	P	P	09 08 47.8 +0.9
CNPM	China Poot	77.03	11	P	P	09 08 47.0 +0.7
HOM	Home	77.08	10	P	P	09 08 46.8 +0.2
N17K	Nushagak Hills	77.09	7	P	P	09 08 46.7 0.0
ILSW	Ilamna Southw	77.14	10	P	P	09 08 47.4 +0.3
O19K	Port Aisworth	77.16	9	P	P	09 08 47.3 +0.3
O20K	Slope Mountain	77.32	10	P	P	09 08 47.9 -0.1
BRSE	Bradley Lake S	77.32	11	P	P	09 08 48.5 +0.5
L14K	Kuka Creek	77.34	5	P	P	09 08 49.5 +1.6
L14K	Kuka Creek	77.34	5	P	P	09 08 50.1
L14K	Kuka Creek	77.34	5	P	P	09 08 48.6 +0.6
M16K	Timber Creek	77.37	6	P	P	09 08 48.7 +0.5
N18K	Kilae Creek	77.41	8	P	P	09 08 49.1 +0.7
KSRS	Korea Army	77.57	315	P	P	09 08 51.1 +1.4
KSAR	Wonju Army Be	77.64	315	P	P	09 08 51.1 +1.2
TCRU	Three Creeks R	77.64	44	P	P	09 08 51.8 +1.3
N19K	Bonanza Creek	77.73	9	P	P	09 08 51.7
N19K	Bonanza Creek	77.73	9	P	P	09 08 50.8 +0.4
K13K	Kusilvak Mount	77.80	3	P	P	09 08 51.3 +0.7
SEW	Seward	77.90	11	P	P	09 08 51.5 +0.4
Q23K	Middleton Isla	77.90	13	P	P	09 08 51.9 +0.7
M17K	Holinta River	77.91	7	P	P	09 08 52.2 +1.0
L16K	Owhat River	77.99	6	P	P	09 08 53.8
L16K	Owhat River	77.99	6	P	P	09 08 52.8 +1.2
MFID	Camas Ranch	78.17	38	P	P	09 08 54.2 +1.0
M18K	Stony River	78.20	8	P	P	09 08 53.6 +0.8
P23K	Montague Islan	78.20	12	P	P	09 08 53.9 +1.1

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DUG	Dugway, Tooele	78.24	42	P	P	09 08 54.6 +0.9
CRAG	Craig	78.27	21	P	P	09 08 54.5 +1.3
K15K	Wolf Creek Mou	78.38	5	P	P	09 08 54.9 +1.1
L17K	Donlin	78.53	6	P	P	09 08 56.2 +1.6
V35K	Ketchikan	78.70	22	P	P	09 08 56.4 +0.8
RC01	Rabbit Creek A	78.76	11	P	P	09 08 56.7 +0.8
KAIM	Kayak Island	78.78	14	P	P	09 08 57.0 +1.0
U33K	Whale Pass	78.78	21	P	P	09 08 56.9 +0.8
STLK	Strandline Lak	78.79	10	I	Amb	09 08 57.0
L18K	Granite Mounta	78.80	7	I	Amb	09 08 58.5
L18K	Granite Mounta	78.80	7	P	P	09 08 57.0 +0.9
TMUT	Trail Mountain	78.82	44	I	Amb	09 09 00.0
L19K	White Mountain	78.98	8	P	P	09 08 57.8 +0.6
EYAK	Cordova Ski Ar	79.05	13	P	P	09 08 58.5 +1.0
GLI	Glacier Island	79.07	12	P	P	09 08 57.6 -0.1
K17K	Iditarod	79.10	6	I	Amb	09 09 00.1
K17K	Iditarod	79.10	6	P	P	09 08 57.8 +0.1
SRU	San Rafael Swe	79.18	44	P	P	09 08 58.8 -0.2
CTU	Camp Tracy	79.19	42	P	P	09 08 57.4 -1.6
P17A	Baucher Ranch,	79.22	44	I	Amb	09 09 02.4
S31K	Pelican	79.27	18	P	P	09 08 59.1 +0.4
WRAK	Wrangell Islan	79.29	21	P	P	09 08 59.2 +0.3
SKT	Skwentna	79.29	10	P	P	09 08 59.4 +0.6
KNK	Knik Glacier	79.30	11	P	P	09 08 58.7 -0.2
M22K	Willow	79.31	10	P	P	09 08 59.6 +0.7
PMR	Palmer	79.34	11	P	P	09 08 59.1 +0.1
S32K	Killsnoe	79.38	19	P	P	09 08 59.2 -0.1
J16K	Anvik River	79.44	5	I	Amb	09 09 02.1
J16K	Anvik River	79.44	5	P	P	09 08 59.6 +0.1
GAMB	Gambell	79.44	0	P	P	09 08 59.7 +0.2
TLIG	Tiapa	79.51	68	P	P	09 09 00.2 -0.9
TLIG	Tiapa	79.51	68	P	P	09 11 08.0
GHO	Glory Hole Cre	79.54	11	P	P	09 08 59.8 -0.5
GHO	Glory Hole Cre	79.54	11	P	P	09 09 01.4
TCUT	Toone Canyon	79.64	42	I	Amb	09 09 03.8
BMRM	Bremner River	79.67	13	P	P	09 09 01.2 +0.2
SML	Sawmill	79.68	11	P	P	09 09 00.8 -0.3
J17K	VABM Dome	79.69	6	I	Amb	09 09 03.4
J17K	VABM Dome	79.69	6	P	P	09 09 01.3 +0.4
M23K	Glacier View	79.78	11	P	P	09 09 01.5 0.0
CRQE	Cirque	79.82	14	P	P	09 09 01.8 0.0
PV20	West Nyswonger	79.84	45	P	P	09 09 02.6 0.0
PV20	West Nyswonger	79.84	45	P	P	09 09 05.4
KLU	Klutina	79.87	12	I	Amb	09 09 03.7
KLU	Klutina	79.87	12	P	P	09 09 01.7 -0.3
PV23	Carpenter Ridg	79.87	45	I	Amb	09 09 05.7
TGL	Tana Glacier	79.88	14	I	Amb	09 09 02.3 +0.1
TGL	Tana Glacier	79.88	14	I	Amb	09 09 03.6
SCM	Sheep Creek Mo	79.90	12	I	Amb	09 09 03.3
SCM	Sheep Creek Mo	79.90	12	P	P	09 09 02.5 +0.3
CUT	Chulitna	79.90	10	P	P	09 09 02.4 +0.3
L22K	Petersville	79.93	10	I	Amb	09 09 02.8
L22K	Petersville	79.93	10	P	P	09 09 02.3 0.0
PPLA	Pukeypile	80.06	9	P	P	09 09 03.3 +0.2
P29M	Windy Craggy	80.22	17	P	P	09 09 04.8 +0.8
K20K	Telida	80.23	8	I	Amb	09 09 06.0
K20K	Telida	80.23	8	P	P	09 09 04.7 +0.8
N25K	Chitina, Valde	80.25	13	P	P	09 09 04.7 +0.6
M24K	Tolsona, Glenn	80.37	12	P	P	09 09 05.5 +0.7
ANM	Nome	80.39	3	P	P	09 09 05.0 +0.3
MCARA	McCarthy VSAT	80.39	14	P	P	09 09 05.7 +0.9
BARN	Barnard Glacie	80.43	14	I	Amb	09 09 05.5 +0.3
BARN	Barnard Glacie	80.43	14	P	P	09 09 06.7
T35M	Bob Quinn	80.46	22	P	P	09 09 05.9 +0.7
PLBC	Pleasant Camp	80.46	18	P	P	09 09 06.2 +1.0
WAT6	Susitna Watana	80.51	11	P	P	09 09 05.7 +0.2
O28M						

H22K	Ishatitina Cre	83.01	8	P	P	09 09 19.0	+0.5
L29M	L29M	83.05	15	P	P	09 09 19.7	+0.9
RLMT	Red Lake	83.05	39	Iamb	Iamb	09 09 21.7	
E17K	Hoatham Inlet	83.09	4	P	P	09 09 19.6	+0.7
F19K	Shalerucik Mo	83.17	6	Iamb	Iamb	09 09 20.8	
F19K	Shalerucik Mo	83.17	6	P	P	09 09 20.1	+0.8
H23K	Yukon River	83.21	9	P	P	09 09 20.0	+0.4
M31M	Drury Creek, Y	83.27	17	P	P	09 09 20.3	+0.3
G21K	Allakaket	83.33	7	Iamb	Iamb	09 09 22.0	
G21K	Allakaket	83.33	7	P	P	09 09 20.6	+0.5
H24K	Noodor Dome	83.49	10	P	P	09 09 21.5	+0.4
E18K	Tukphalearik C	83.51	4	P	P	09 09 21.4	+0.3
K22A	Casper	83.56	42	Iamb	Iamb	09 09 24.3	
DAWY	Dawson	83.56	14	P	P	09 09 22.3	+0.9
DAWY	Dawson	83.56	14	P	P	09 09 21.9	+0.4
F20K	Avaraart Lake	83.58	6	Iamb	Iamb	09 09 23.3	
F20K	Avaraart Lake	83.58	6	P	P	09 09 22.0	+0.6
PRP	Porcupine Dome	83.59	11	P	P	09 09 21.8	+0.1
D17K	Noatak River	83.63	3	P	P	09 09 22.2	+0.5
LIRD	Liard River Hi	83.74	22	P	P	09 09 22.4	
K29M	Barlow Dome	83.81	15	Iamb	Iamb	09 09 23.0	+0.2
K29M	Barlow Dome	83.81	15	P	P	09 09 23.0	+0.2
E19K	Redston River	83.83	6	P	P	09 09 23.3	+0.6
G22K	Bettles	83.97	8	P	P	09 09 24.0	+0.6
G23K	Bananza Creek	83.97	9	Iamb	Iamb	09 09 25.1	
G23K	Bananza Creek	83.97	9	P	P	09 09 23.9	+0.4
F21K	Alatna River	84.00	7	Iamb	Iamb	09 09 25.2	
F21K	Alatna River	84.00	7	P	P	09 09 23.7	+0.1
G24K	Hadweenzik Riv	84.35	10	P	P	09 09 25.7	+0.3
C17K	DeLong Mountai	84.39	3	P	P	09 09 26.0	+0.5
I27K	Kandik River	84.42	12	Iamb	Iamb	09 09 27.9	
I27K	Kandik River	84.42	12	P	P	09 09 26.0	+0.2
COLD	Coldfoot	84.43	8	P	P	09 09 26.4	+0.6
F22K	John River	84.44	7	P	P	09 09 26.7	+0.9
MMPY	Sheldon Lake,	84.49	18	Iamb	Iamb	09 09 28.1	
MMPY	Sheldon Lake,	84.49	18	P	P	09 09 26.9	+0.7
I28M	Miner Creek	84.63	13	P	P	09 09 27.7	+0.8
E20K	Nigu River	84.71	6	P	P	09 09 27.7	+0.8
J30M	Hart River	84.71	15	Iamb	Iamb	09 09 29.0	
J30M	Hart River	84.71	15	P	P	09 09 27.9	+0.5
KOTAN	Kotanice Air	84.98	22	P	P	09 09 29.2	+0.5
H27K	Steamboat Moun	84.98	12	Iamb	Iamb	09 09 30.6	
H27K	Steamboat Moun	84.98	12	P	P	09 09 28.9	+0.1
F24K	Squaw Lake	85.04	9	P	P	09 09 29.0	+0.1
D20K	Etlivuk River	85.11	6	P	P	09 09 29.6	+0.4
E21K	Killik River	85.12	7	Iamb	Iamb	09 09 42.8	
E21K	Killik River	85.12	7	P	P	09 09 29.7	+0.4
G26K	Porcupine River	85.20	11	P	P	09 09 30.0	+0.0
I30M	Mount Dempster	85.24	14	P	P	09 09 30.1	+0.0
C19K	Lookout Ridge	85.25	4	Iamb	Iamb	09 09 43.4	
C19K	Lookout Ridge	85.25	4	P	P	09 09 30.3	+0.4
E23K	Chandalar	85.29	8	Iamb	Iamb	09 09 44.3	
E23K	Chandalar	85.29	8	P	P	09 09 30.9	+0.7
F25K	Christian River	85.46	10	Iamb	Iamb	09 09 44.9	
F25K	Christian River	85.46	10	P	P	09 09 31.7	+0.7
E24K	Your Creek	85.47	9	Iamb	Iamb	09 09 45.5	
E24K	Your Creek	85.47	9	P	P	09 09 31.5	+0.5
G27K	Doyon Strip	85.47	12	P	P	09 09 31.4	+0.4
H29M	Whitestone	85.63	13	Iamb	Iamb	09 09 33.4	
H29M	Whitestone	85.63	13	P	P	09 09 32.8	+1.0
C21K	Knifefield Riv	85.72	6	P	P	09 09 33.1	+0.9
F26K	Sheenjek River	85.80	10	Iamb	Iamb	09 09 46.8	
F26K	Sheenjek River	85.80	10	P	P	09 09 33.2	+0.5
TOLK	Toolik Lake Re	85.84	8	P	P	09 09 33.8	+0.9
E25K	Arctic Village	85.95	10	Iamb	Iamb	09 09 47.2	
E25K	Arctic Village	85.95	10	P	P	09 09 34.0	+0.6
D23K	Nanushuk River	86.00	8	Iamb	Iamb	09 09 47.3	
D23K	Nanushuk River	86.00	8	P	P	09 09 34.1	+0.5
EPYK	Eagle Plains	86.12	13	Iamb	Iamb	09 09 35.7	
EPYK	Eagle Plains	86.12	13	P	P	09 09 34.6	+0.3
H31M	Peel River	86.21	15	Iamb	Iamb	09 09 36.1	
H31M	Peel River	86.21	15	P	P	09 09 34.9	+0.2
G29M	Pine Creek	86.29	13	P	P	09 09 35.7	+0.6
B20K	Meade Valley	86.32	5	P	P	09 09 35.6	+0.5
D24K	Happley Valley	86.42	8	P	P	09 09 36.2	+0.5
F28M	Old Crow	86.52	12	P	P	09 09 36.8	+0.6
E27K	Coleen River	86.69	11	P	P	09 09 37.4	+0.3
G30M	Taoh Zraii Nji	86.74	13	Iamb	Iamb	09 09 38.6	
G30M	Taoh Zraii Nji	86.74	13	P	P	09 09 38.0	+0.6
C23K	Itkillik River	86.83	7	P	P	09 09 39.3	+1.7
D25K	Kavik River	86.92	9	P	P	09 09 39.1	+0.9
C24K	Franklin Bluff	86.96	8	P	P	09 09 39.2	+0.9
G31M	Satah River	87.13	14	Iamb	Iamb	09 09 40.3	
G31M	Satah River	87.13	14	P	P	09 09 39.9	+0.7

F30M	Barrier River	87.36	13	P	P	09 09 41.3	+1.0
E28M	Babbage River	87.43	11	P	P	09 09 41.5	+0.9
A22K	Sinclair Lake	87.48	5	P	P	09 09 42.1	+0.4
E29M	Blow River	87.57	12	P	P	09 09 42.2	+0.9
C27K	Jago River	87.61	10	P	P	09 09 42.7	+1.3
F31M	Tsightehcic	87.67	14	P	P	09 09 42.3	+0.6
MAW	Mawson	87.77	198	P	P	09 09 42.5	0.0
OK051	E0350 and S346	87.77	198	P	P	09 09 42.4	0.0
INK	Inuvik	88.42	13	Iamb	Iamb	09 09 45.3	0.0
INK	Inuvik	88.42	13	P	P	09 09 46.3	+1.0
YKA	Yellowknife Ar	89.99	23	P	P	09 09 52.7	-0.1
YKA	Yellowknife Ar	89.99	23	P	P	09 09 53.1	+0.3
YKA	Yellowknife Wh	90.03	23	Iamb	Iamb	09 09 53.1	+0.1
YKA	Yellowknife Wh	90.03	23	Iamb	Iamb	09 09 54.2	
YKA	Yellowknife Wh	90.03	23	Iamb	Iamb	09 09 52.6	-0.3
YKA	Yellowknife Wh	90.03	23	Iamb	Iamb	09 09 52.6	-0.3
HHC	Hu-ho-hao-te	90.47	312	eP	pmax	09 09 57.5	+1.8
HHC	Hu-ho-hao-te	90.47	312	eP	pmax	09 09 57.5	+1.8
FCAR	Ozark Folk Cen	91.14	53	P	P	09 09 59.0	+0.2
FCAR	Ozark Folk Cen	91.14	53	Iamb	Iamb	09 13 35.0	
C36M	Pauluk	91.46	15	P	P	09 10 00.2	+0.7
ELIB	Princess Elisa	91.75	185	eP	P	09 10 00.8	-0.4
VNA3	Neumayer Olym	92.20	174	P	P	09 10 03.0	-0.2
KM12	Kunming	92.59	295	P	pmax	09 10 05.3	-0.7
KM12	Kunming	92.59	295	P	pmax	09 10 05.3	-0.7
VNA2	Neumayer-Watz	92.71	175	P	P	09 10 05.8	+0.3
CMZ	Panzhihua	93.83	296	P	P	09 10 12.8	+1.2
PMAR	Chiang Mai Arr	94.18	288	P	P	09 10 13.9	+0.7
CMAR	Chiang Mai Arr	94.18	288	P	P	09 10 13.3	+0.1
LZH	Lanzhou	94.72	306	eP	P	09 10 14.8	-0.8
WMQ	Urumqi	108.32	311	Pdf	Pdf	09 11 16.3	+0.2
BVP	Borovoye Arr	119.20	322	PKP	PKPdf	09 15 41.5	-1.1
KMVC	K-Podol'skiy	144.14	339	PKP	PKPab	09 16 26.6	-0.5
CLL	Collin	144.48	355	PKPdf	PKPab	09 16 27.8	-0.5
CLL	Collin	144.48	355	ePKPdf	PKPab	09 16 28.0	-0.3
CLL	Collin	144.48	355	PKPdf	PKPab	09 16 28.8	-0.1
ARPR	Aragir-MALATY	144.91	317	PKP	PKPdf	09 16 31.4	-0.1
DCC	Dobruska-Polom	145.02	351	ePKP	PKPbc	09 16 30.3	-0.1
UPC	Uccle	145.07	4	PKPbc	PKPbc	09 16 30.1	-0.4
SNOP	Sinop	145.10	324	PKPbc	PKPbc	09 16 30.5	-0.3
KRLC	Krailky	145.22	350	PKP	PKPbc	09 16 30.3	-0.7
KRLC	Krailky	145.21	351	PKP	PKPbc	09 16 31.9	-0.6
BUR08	Bucovina Ar, S	145.36	340	PKPbc	PKPdf	09 16 31.5	-0.3
MORC	Moravsky Berou	145.38	349	PKPbc	PKPdf	09 16 31.4	-0.4
MORC	Moravsky Berou	145.38	349	ePKP	PKPdf	09 16 31.5	-0.2
BUR08	Bucovina Arr	145.38	349	PKPbc	PKPdf	09 16 31.7	-0.2
EMRD	Marešova	145.59	4	PKP	PKPbc	09 16 32.0	0.0
PRU	Pruhonice	145.62	353	ePKP	PKPbc	09 16 32.6	+0.3
MAUC	Maruska	145.72	349	ePKP	PKPbc	09 16 32.8	+0.2
BZK	Bokzut	145.82	325	PKPdf	PKPdf	09 16 32.4	-0.3
VRAC	Vranov	145.99	350	ePKP	PKPbc	09 16 33.9	+0.4
ATD	Arta Tunnel	146.03	267	PKPbc	PKPbc	09 16 34.4	-0.2
Zivkov	Zivkov	146.21	359	PKP	PKPbc	09 16 34.2	-0.2
GRA1	Grabenberg Arr	146.22	356	PKPdf	PKPdf	09 16 31.8	-1.4
JAVC	Velka Javorina	146.23	349	ePKP	PKPab	09 16 35.3	+0.3
KRUC	Moravsky	146.26	350	ePKP	PKPdf	09 16 33.7	+0.5
KHC	Kasperske Hory	146.58	354	PKPdf	PKPdf	09 16 33.2	-0.5
KHC	Kasperske Hory	146.58	354	ePKP	PKPab	09 16 37.2	+0.9
PSZ	Pisesteto	146.67	351	PKPbc	PKPbc	09 16 34.2	-0.2
BNN	Bunyan	146.66	319	PKPbc	PKPbc	09 16 36.3	+0.3
TIRR	Tirgusor	146.78	333	PKPbc	PKPbc	09 16 35.9	0.0
GERES	GERESS Array B	146.85	353	PKPbc	PKPdf	09 16 34.2	-0.1
GERES	GERESS Array B	146.85	353	PKPdf	PKPdf	09 16 33.1	-1.2
MLR	Muntele Rosu	146.94	337	PKPdf	PKPdf	09 16 33.4	-1.3
STU	Stuttgart	147.22	359	PKPbc	PKPab	09 16 38.4	-0.3
BR131	Keskin Array S	147.48	322	PKPbc	PKPbc	09 16 38.1	-0.2
BRTR	Keskin Array B	147.48	322	PKPbc	PKPbc	09 16 37.3	-0.9
BRTR	Keskin Array B	147.48	322	PKPdf	PKPdf	09 16 34.9	-0.8
BRTR	Keskin Array B	147.48	322	PKPbc	PKPbc	09 16 38.0	-0.2
ESDC	Sonsecsa Array	154.08	22	PKPab	PKPab	09 17 06.2	-1.1
TORD	Tordi Ar, Bea	173.18	113	PKP	PKPdf	09 17 01.9	-2.1
TORD	Tordi Ar, Bea	173.18	113	PKPab	PKPab	09 18 30.9	-0.7

NNC 29 09:01:05.3 ± 1.0, 53°53'N-88°19'E, h0km, mb3.0, mpv2.5, Error ellipse: s-maj=7.3km s-min=4.0km az=101.0, Suspected Mining explosion.

IDC 29 09:01:08.0 ± 0.3, 53°57'N-87°89'E, h0km, mbm30.1/2, ML2.9/2, Error ellipse: s-maj=24.5km s-min=15.3km az=60.0

ASRS 29 09:01:06.0 ± 2.1, 53°58'N-88°03'E, h0km, M2.7(MOS), 5C-1D, The earthquakes of Russia in 2020. Obninsk, GS RS, 2022, Southwestern Siberia

Code	Station Name	A°	AZ°	Phase ID	h	Time	Res
I46RU	ZALESOVO INFRA	1.94	282	ISC	I	09 12 30.0	
ZAA0	Zalesovo Array	1.94	282	Pn	Pn	09 01 40.9	+0.7
ZAA0	Zalesovo Array	1.94	282	Sg	Sg	09 02 01.8	-0.3
ZALV	Zalesovo Beam	1.94	282	Pg	Pg	09 01 41.4	-0.8
ZALV	Zalesovo Beam	1.94	282	Lg	Lg	09 02 07.5	
KURK	Kurchatov	6.46	247	Lg	Lg	09 04 32.2	
KURBB	Kurchatov Arra	6.56	247	Pn	Pn	09 02 45.2	+1.6
KURBB	Kurchatov Arra	6.56	247	Sn	Sn		

Table with columns for station code, name, frequency, and other details. Includes stations like TAGO Cartago, VERB Verben, PCAYA Pacayas, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like BOAB BOACO BROADBAN, BOAB BOACO BROADBAN, BOAB BOACO BROADBAN, etc.

Table with columns for station code, name, frequency, and other details. Includes stations like R50A Paris, WCI Wyandotte Cave, CCM Cathedral Cave, etc.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like 130M Mount Dempster, G31M Satah River, DAWY Dawson, etc.

IDC 29 09:40:08.7±3.3, 53.76Nm, 87.07E, h0km, mbtmp2.6/2, ML2.2/2, Error ellipse: s-maj=31.9km s-min=19.0km

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like H46RU ZALESOVO INFRA, ZALV Zalesovo Beam, etc.

BGR 29 09:52:42.7±1.31, 31N, 142.04E, h33km, mb5.1, BUI 29 09:52:46.8, 33.89N, 141.63E, h12km, mb5.4/65, mb5.3/61, Ms5.8/92, Ms7.5/786

Main table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like B0S1 Boso, B0S2 Boso, B0S3 Boso, etc.

IDC 29 09:52:50.6±0.4, 33.88N, 141.70E, h0km, mbtmp2.6/2, h20km, P-P, NP1, 148H/1124, mb5.3/383, MS5.4/127, 73C-40D, Off east coast of Honshu

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like B0S4 Boso, KTR Katsura, JH2 Mitsune, etc.

PTWC 29 09:52:49.33, 30N, 141.80E, h10km, Mwp5.7/5, NEIC 29 09:52:49.9, 33.89N, 141.70E, h10km, NEIC 29 09:52:49.2, 33.88N, 141.74E, h10km, mb5.1km, mb5.4/363, Mmw5.3/27, Error ellipse: s-maj=9.4km s-min=4.3km az=150.0

Table with columns: Code, Station Name, Az, Phase ID, Time, Res, ISC. Includes stations like JNS Sasagawa, JIKH Ishinomakikobu, JYTA Yamagatari, etc.

MOS 29 09:52:49.7±1.1, 33.96N, 141.58E, h20km, mb5.5/77, MS5.6/29, Error ellipse: s-maj=7.7km s-min=3.6km az=120.2

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like E21K Killik River, SPCR Spurr Chakacha, SPU Mount Spenner, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like KSH2 comp=Z,2um,16.5s, KSH2 comp=Z,4um,16.5s, D25K Kavik River, etc.

Table with columns: ID, Name, Date, Time, Status, Location, and other details. Includes entries like KK31 Karatay Array, KKAR Karatay Array, KKAR Karatay Array, etc.

Table with columns for station name, time, and other parameters. Includes stations like MOX, MSBI, MORH, TAOE, etc.

Table with columns for station name, time, and other parameters. Includes stations like DAVA, DAVOX, DAVOX, etc.

Table with columns for station name, time, and other parameters. Includes stations like COEG, LBRS, TECO, etc.

29d 10h

Table with columns for station name, frequency, and various parameters. Includes stations like MCEL, S. Chirico Rap, Alicudi, Milazzo, ALBI, Castanea, Oriolo Calabro, Sersale, Sella, Scilla, Sersale, Timpagrande, Celeste, Gambaie, Placanicca, Senerchia, Uria, San Nicola del, etc.

2020 JUN

Table with columns for station name, frequency, and various parameters. Includes stations like MCRV, Calabretti - M, AIO, MSFR, San Fratello, Motta San Giov, Nusco, Samo, Miglionico, Monte Spagnolo, Pizzo Felice, Pollina, Castelbuono, Matera, Gagliano Castle, Solunto, Agira, Monte Pellegrini, Valguarnera, Lentini, Augusta, Pietraprazia, Ruffo Rosso, Monte Lauri, Licata, Santa Cesarea, Bagni Di Luca, Cardoso, Kesra, Villacollemand, Sassorosso, Gojanci, Legarie, Wattenberg, Feichten, etc.

1822

Table with columns for station name, frequency, and various parameters. Includes stations like DAVOX, SQA, WATA, BIOA, MOTA, RETA, ANOYIA, DAMUELS, GERES, GNRESS Array B, STARYI Chortor, RNPBS, Varash, ESDC, Sonseca Array, ZFRF, Eskdalemuir, HFS, HAGFORS, FINES, FINESS Array B, TORD, Tordi Ar, Bea, ARCES, ARCESS Array B, SPITS, Spitsbergen Ar, BVAR, Kurchatov Arra, MKAR, Makanchi Array, SCHO, Schefferville, YKA, Yellowknife A, PDAR, Pinedale Array, etc.

Table of station data for 29d 12h, including station names (e.g., H03S3, H03N3), coordinates, and various parameters like SNR and time.

Table of station data for 2020 JUN, including station names (e.g., THERA, DAT, THRS), coordinates, and various parameters like SNR and time.

Table of station data for 1824, including station names (e.g., MKAR, ZALV, ZALV), coordinates, and various parameters like SNR and time.

ICD 29 12:05:45.0, 1.4, 35.28N, 26.84E, h0km, mb3.7/5, s-min=20.9km, az=155.0

ISK 29 12:05:46.9, 35.48N, 26.74E, h7km, ML3.4/19

OSPL 29 12:10:07.5, 0.9, 19.11N, 67.69W, h25km, 80km, ML3.2, Presumed earthquake

Table with columns: Station Name, Frequency, Mode, Band, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like ALCI, DZA, TSSA, AAK, etc.

Table with columns: Station Name, Frequency, Mode, Band, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like DGZ, BANOM, ASHO, NAZ, SOHO, etc.

Table with columns: Station Name, Frequency, Mode, Band, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like BURAR, BUROB, LVZ, FIA1, etc.

TAP 29 13:03:18.9,21.91N:121.42E,h23km,ML3.6,C
ISC 29 13:03:19.3,1.1,21.95N:121.42E:0.04,h24km,8gkm,
n80,r104/113,Taiwan region

Table with columns: Code, Station Name, Frequency, Mode, Band, Power, Azimuth, Elevation, SNR, and other technical details. Includes stations like LAY, LYUB, HENGCHUEN, etc.

Table with columns: YULB, CHN1, WTP, TPUB, HGSU, EHY, TWK, WFK, AAB, WCKO, ICHU, WARBT, CHNS, WHYTY, SHUL, ESL, SSSL, WSL, SMLT, OWD, WNT, WUBS, LKIB, WDG, WGT, WDF, WFC, WHF, NACB, NACB, VCHM, VCHM, FUSF, PHUB, PHUB, EOS4, EOS4, PNG, PNC, WHP, WHP, NNSB, EOS3, EOS3, NFF, NFF, YHNB, YHNB, YHNB, YHNB, PTMZ, PTMZ, KNMB, KNMB

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

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

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

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

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

ASAR Alice Springs 57.66 188 P P 13 54 23.4 +0.6

NIED 29 13:48:49.0, 41.86N:143.06E, h40km, MW3.4, Moment Tensor Solution. s3 Moment tensor: Scale 10^14N/m; Mn:0.31; Mo:0.64; Mo:0.95; Mo:0.60; Mo:0.47; Mo:1.14;

JMA 29 13:48:49.0, 41.86N:143.06E, h40km, 1km, Mw3.5/2D, S OFF URAKAWA, Hokkaido region

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

IDC 29 13:52:10.6: 1.5, 15.65Az:177.60W, h40km, 15km, mb3.5/1.0, mbtmp4.2/12, Error ellipse: s-maj=22.2km

NEIC 29 13:52:10.8: 1.5, 15.70S:107.177:41W:0.09, h410km, 6km, mb4.2/37, Error ellipse: s-maj=15.5km

NOU 29 13:52:10.7, 15.61S:177.42W, h421km, mb4.6/10, Fiji Islands Region

ISC 29 13:52:09.8: 0.4, 15.68S:107.177:50W:0.07, h400km, n106, s1923/106, mb4.1/30, 3C-1D, Fiji Islands region

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

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

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

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

Table with columns: GLB, LOGN, LOGN, SMAI, SMAI, G19K, G19K, CCB, CCB, BCAR, BCAR, IL31, IL31, ILAR, ILAR, TX31, TX31, TXAR, TXAR, BELA, BELA, M30M, M30M, F21K, F21K, PDAR, PDAR, D20K, D20K, MAW, MAW, MAW, MAW, CMAR, CMAR

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

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

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

Table with columns: Station Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Station Type, and Status. Includes stations like YKAV, CAEL, TAVA, KNIK, AYDN, KLNA, AKAS, DNIZ, ESEN, APMY, DDIM, GOLH, ELL, NAZL, DEMR, KARP, KARS, KUDS, SULTU, INCE, IZMR, KIRA, ODEM, KORT, KORT, KORT, KORT, KRL1, GMLD, KEMT, KULA, BASM, BLBC, BCB, ZEYE, ZEYE, ISP, ISP, URLA, CAMT, ZKR, ZKR, THERA, THERA, AKS, GORD, THR2, THR3, SNIS, THR3, CHOS, CHOS, KARB, KARB, KARB.

Table with columns: Station Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Station Type, and Status. Includes stations like KARB, NPS, EAGS, NPS, ANOY, ANOY, AKMS, IMMV, ALFC, GVD, WATA, LIA, ANKY, XYLS, CSS, BRTR, BRTR, MMCT, MMA0B, MMA0B, MMAI, MMAI, GEM, GEM, MMLI, MMLI, SALP, SALP, UJAP, UJAP, KZIT, KZIT, MSBI, MSBI, GHJA, GHJA, RMNI, RMNI, ASF, ASF, HRFI, HRFI, EIL, EIL, EIL, EIL, GERES, GERES, ESDC, ESDC, TORD, TORD, LZDM, LZDM, AEIC 29 14:20:24.2, NEIC 29 14:20:23.6, Code, Station Name, Azimuth, Phase ID, Time, Res.

Table with columns: Station Name, Elevation, Azimuth, Distance, Azimuth Error, Distance Error, Station Type, and Status. Includes stations like GOAT, P23K, O22K, RAGM, PS10, RND, RND, VRDI, VRDI, L22K, L22K, SLKM, SLKM, SEW, SEW, SEW, MENT, MENT, SKT, SKT, BERG, BERG, MCK, MCK, CROM, CROM, CROM, L26K, L26K, STLK, STLK, STLK, TRF, TRF, KAIM, KAIM, KAIM, RIDG, RIDG, RIDG, TGL, TGL, MID, MID, MID, SPCG, SPU, SPU, SPCR, KTH, KTH, KTH, CKL, CKL, PPLA, PPLA, SPWE, SPWE, BARK, BARK, BRSE, BRSE, BWN, BWN, BRK, BRK, SCRK, SCRK, HDA, HDA, HDA, BARN, BARN, BARN, WRH, WRH, WRH, RDT, RDT, GRNC, GRNC, PS08, PS08, M20K, M20K, M20K, BCAR, BCAR, DFR, DFR, CCB, CCB, CNPM, CNPM, CNPM, RDSO, RDSO, NEA2, NEA2, J25K, J25K, J25K, RED, RED, RED, RED, HOM, HOM, NCT, NCT, IL3, IL3, ILAR, ILAR, LOGN, LOGN, LOGN, O20K, O20K, COLA, COLA, CHUM, CHUM, CHUM, IVE, IVE, POKR, POKR, ILSW, ILSW, M19K, M19K, M19K, O28M, O28M, O28M, YUK8, YUK8, PS07, PS07.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like P19K Oil Pt, N19K Bonanza Creek, L19K White Mountain, etc.

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

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Includes stations like LPAZ La Paz, LPAZ La Paz, TORO Torofari, etc.

TAP 29 14:32:35.0, 24'28"N; 122°92'E, h39km, ML3.0, D
JMA 29 14:32:35.0, 1.24'N; 123°05'E, h46km, 1km,
M12 1/10, NIW CF, 24'27"N, 0.04; 122°97'E, h44km, 8km,
n59, r123/101, Taiwan region
ISC 29 14:32:35.0, 2.24'27"N, 0.04; 122°97'E, h44km, 8km,
n59, r123/101, Taiwan region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Rows include H1052 ASCENSION HYDR32.66, H1053 ASCENSION HYDR32.66, H10N1 ASCENSION HYDR37.77, etc.

DC 29 14:53:07.6:0.6,4,1.71'S:16.41'W,h0km,mb4.4/1, mbmp4.4/1,MS4.3/43, Error ellipse: s-maj=21.8km s-min=18.6km az=78.0

NEIC 29 14:53:10.2:1.4,1.1'S:0.1x16.3W:0.2,h10km,1km, mb4.9/34, Error ellipse: s-maj=22.1km s-min=19.0km az=85.0

GCMT 29 14:53:10.2:0.2,41.76S:0'02:16.31W:0.0,1h10km, MW5.0/111, Moment Tensor Solution. s45,c56; s111,c160; Duration: 0 Moment tensor: Scale 1016Nm; Mn-3.38e+08; Mw-1.38e+09; Mo-2.00e+08; M-1.36e+33; Mw-1.72e+07; Mw0.52e+29; Best double couple: Mc3.68800e+10 N P1.0e+158.000000, s44.000000, -1.61.000000. NP2.0e+301.000000, s52.000000, -1.115.000000. Principal axes: T 3.4740, Plg4.0000, Azm48.0000; N 0.4290, Plg19.0000, Azm317.0000; P -3.9020, Plg70.0000, Azm150.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 29 14:53:09.6:0.4,41.75S:0'08:16.29W:0.10,h10km,n15, c089/68,mb4.8/22,MS4.3/43,1D,Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Rows include VNA2 Neumayer-Watz 29.59 174 P, VNA3 Neumayer Olymp 29.75 176 P, SNAA Sanae 30.73 172 LR, etc.

Main table with columns: CPUP, Iamb, Iamb, 15 00 26.6, etc. Rows include BELA Belgrano 2 37.01 186 P, SMAI San Martin Ant 37.61 208 P, BDFB Brasilia 37.73 304 P, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Rows include MLR Muntelee Rosu 94.69 28 LR, VRCR Vrskanov 95.18 21 LR, EKA Ekdalemarir Ar 97.36 18 LR, etc.

DJA 29 15:03:00.6:0.7,3'N:5'-12'9E',h222km,5km,M3.9/11, mb4.7/2,mb4.1/3,MV3.8/11,Phase ID,Time Res

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Rows include TNTI Ternate 2.39 211 P, SGI Sangihe 3.16 286 P, SGI Sigi 3.16 286 P, etc.

IDC 29 15:05:05.6:0.8,4.1'91S:16.33'W,h0km,mb4.0/8, mbmp4.0/8,MS4.1/18, Error ellipse: s-maj=27.5km s-min=21.3km az=73.0

NEIC 29 15:05:07.9:1.1,41.8S:0'1x16.2W:0.1,h10km,1km, mb4.9/26, Error ellipse: s-maj=22.2km s-min=14.2km az=196.0

GCMT 29 15:05:07.9:0.3,41.82S:0'04:16.28W:0'05,h10km,11km, MW4.9/66, Moment Tensor Solution. s15,c16; s86,c10; Duration: 0 Moment tensor: Scale 1016Nm; Mn-3.17e+24; Mw-1.74e+16; Mw-1.43e+14; Mw0.74e+46; Mw-1.28e+08; Mw0.71e+41; Best double couple: Mc3.16300e+10 N P1.0e+146.000000, s46.000000, -1.69.000000. NP2: s297.000000, s48.000000, -1.11.000000. Principal axes: T 2.8760, Plg1.0000, Azm41.0000; N 0.5750, Plg15.0000, Azm311.0000; P -3.4500, Plg75.0000. Azm135.0000; nsta1 refers to body waves, cutoff=40s. nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

ISC 29 15:05:07.7:0.5,41.82S:0'09:16.29W:0.1,h10km,n73, c087/48,mb4.6/19,MS4.0/18,2D,Southern Mid-Atlantic Ridge

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, h m s ISC. Rows include VNA2 Neumayer-Watz 29.51 174 P, VNA3 Neumayer Olymp 29.68 176 P, SNAA Sanae 30.65 172 LR, etc.

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Rows include RAO Raoul Island, HAZ Raoul Island, HAZ Kahua, PKZ Pakhiroa, etc.

NNC 29 16:03:14.0,3,8,37.46N:69.76E, h0km, mb4.7, mpv4.6, Error ellipse: s-maj=36.5km s-min=28.8km az=139.0

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Rows include GAR Garm, CHGR Chuyangaron, CHGR Chuyangaron, DRK Karaymk, etc.

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Rows include DZA Taraz, DZA Taraz, DZA Boroloday, etc.

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Rows include NNN Naryn, NNN Naryn, FRU1 Bishkek, etc.

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Rows include KDJ Kajisay, KDJ Kajisay, TARG Taragay, etc.

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Rows include SATY Saty, SATY Saty, TSSA Tissa, etc.

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Rows include THN comp=E,46nm,0.5s, THN comp=N,58nm,0.5s, etc.

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Rows include KURK Kurchatov, KURK Kurchatov, ZSN Zaisan, etc.

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Rows include BORK Borovoye, BORK Borovoye, AKTO Aktyubinsk, etc.

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

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

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Rows include FINES FINESS Array B, FINES FINESS Array B, FINES FINESS Array B, etc.

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

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Rows include C23K Itkillik River, C23K Itkillik River, E21K Killik River, etc.

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Rows include YKA Yellowknife Arr, YKA Yellowknife Arr, YKA Yellowknife Arr, etc.

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Rows include MCLF Montecifone, MCLF Palata, PLTA Palata, etc.

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

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

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

Table with columns: Code, Station Name, Az, Phase ID, ISC, Time, Res, ISC. Rows include SACR S. Croce Del S, SACR S. Croce Del S, SACR S. Croce Del S, etc.

Table with columns: PDRP, Patillas Dam, 1.76 124, Pb, 16 31 52.2 -0.3, etc.

NEIC 29 16:59:13.4-0.4, 17.93N:01.02:66.94W:0.02 h19km, 1km, ML3.8/35, Mw3.5/15, M3.6/16(RSPR), Mw3.5/15(SLM), Error ellipse: s-maj=2.9km s-min=1.7km az=143.0, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mrr=2.33; Mss=0.48; Mss=1.85; Mss=0.55; Mss=1.26; Mrr=0.50; Fault plane solution: Mo:2.58000x10^14 NP1:10.13.83000; S:49.42000; N:11.44000. NP2:10.22.50000; S:45.83000; N:65.10000. Principal axes: T: 2.5990, Plg2.0000, Azm120.0000; N: -0.0379, Plg18.0000; Azm30.0000; P: -2.5511, Plg72.0000; Azm216.0000;

OSPL 29 16:59:13.9-0.3, 17.79N:66.90W: h7km, 6km, ML3.8, Presumed earthquake

RSPR 29 16:59:14.6, 17.96N:66.93W, h13km, MD3.6/16 SDD 29 16:59:14.0-1.6, 17.90N:66.94W, h18km, 7km, MD3.1, ML3.5, MW3.6, Presumed earthquake

NEIC 29 16:59:14.1, 17.91N:66.93W, h10km NEIC 29 16:59:14.1, 17.96N:66.93W, h15km, Moment Tensor Solution. Moment tensor: Scale 10^14Nm; Mrr=0.88; Mss=0.27; Mss=0.61; Mss=1.58; Mrr=1.74; Mrr=0.18; Fault plane solution: Mo:2.48000x10^14 NP1:10.26.00000; S:75.00000; N:45.00000; NP2:10.4.00000; S:47.00000; N:153.00000; Principal axes: T: 2.4814, Plg18.0000; Azm318.0000; N: 0.0027, Plg43.0000; Azm216.0000; P: -2.4841, Plg42.0000; Azm212.0000;

ISC 29 16:59:13.8-0.9, 17.93N:01.05:66.92W:0.02, h18km, 4km, n47, e0560/72, 12C-16D, Puerto Rico region

Main table with columns: Code, Station Name, Delta A-Z, Phase ID, Time, Res, ISC. Lists various stations like Guanica, Bosqu, Magueyes Islan, etc.

Main table with columns: SABA, Saba, 3.52 94, Pn, Pn, 17 00 07.4 -0.2, etc. Lists stations like Grand Turk, JMA 29 17:13:39.0-0.3, etc.

Main table with columns: AKASG, Malin Array Be, 68.61 319, P, P, 17 23 59.9 -0.6, etc. Lists stations like Malin Array Be, HFS Hagfors, etc.

CASC Dorado de Casc 4.56 224 P Pn 17 27 17.6 +1.1
OCAC Ocana 4.84 10 P Pb 17 27 25.7 -6.4

NEIC 29 17:31:00.9z.2.1, 20:45:01.177:7W.0.1, h53km, 8km,
mb4.4/0.4, Error ellipse: s-maj=17.2km s-min=13.2km
az=207.0

ISC 29 17:31:03.1z.1.9, 20:44:53:177:94W, h551km, 22km,
mb3.5/12, mbtmp=4.4/14, Error ellipse: s-maj=18.8km
s-min=14.5km az=119.0

ISC 29 17:31:02.0z.5.0, 20:29:00:177:73W.0:07, h550km,
n71, c164/72, mb4.3/38.0, C, Fiji Islands region

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like MSVF, MSVF, NIUE, AFI, AFI, etc.

IDC 29 17:40:04.3z.0.0, 0:27S, 100:77E, h0km, mb4.0/12,
mbtmp4.0/12, MS3.0/3, Error ellipse: s-maj=38.5km
s-min=16.2km az=50.0
DJA 29 17:40:09.3z.0.1, 0:52S, 101:00E, h10km, M4.3/35, mB3.0/1,
mb4.0/3, MLV4.4/35, Mw(mB)1.7/1
NEIC 29 17:40:10.2z.6.0, 0:38S, 0:09x, 100:65E, 0:07, h34km, 6km,
mb4.3/19, Error ellipse: s-maj=13.6km s-min=9.7km
az=187.0

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like PPI, PDSI, BKNI, etc.

Table with columns: PZH, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Lists various stations like PanZhiHua, Enshi, TengChong, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include KHC Kasperske Hory, GERES GERES Array B, etc.

NEIC 29:40:00.1, 11:51S:13:53W, h12km, Moment Tensor Solution. Duration: 3s4. Moment tensor: Scale 1017Nm; Mn:0.02; Mw:2.06; Mw:2.05; Mw:1.22; Mw:3.28; Mw:0.14; Fault plane solution: Ms:4.06000x1017 NP1: 0.164,390000; 0.72,710000; -1,172,900000. NP2: 0.7,7367000; 0.87,700000; -1,17,310000. Principal axes: T 3.9984, Plg10.00000, Azm120.00000; N 0.1294, Plg73.00000, Azm246.00000; P -4.1278, Plg14.00000, Azm28.00000.

AMBA AMamba (Brazil) 40.97 248 eP P 19 47 55.9 +0.5 SALV Santo Antonio 41.07 259 eP P 19 47 56.9 +0.7 MATP Matopo 41.27 108 LR LR 20 03 19.3 AOODB AOODB 41.32 252 Iamb Iamb 19 48 14.2

NEIC 29:40:11.4, 11:51S:13:18W, h10km, Moment Tensor Solution. Duration: 3s4. Moment tensor: Scale 1017Nm; Mn:0.02; Mw:2.06; Mw:2.05; Mw:1.22; Mw:3.28; Mw:0.14; Fault plane solution: Ms:4.06000x1017 NP1: 0.164,390000; 0.72,710000; -1,172,900000. NP2: 0.7,7367000; 0.87,700000; -1,17,310000. Principal axes: T 3.9984, Plg10.00000, Azm120.00000; N 0.1294, Plg73.00000, Azm246.00000; P -4.1278, Plg14.00000, Azm28.00000.

ISC 29:40:13.6, 0.3, 11:66S:0:04, 13:58W, h20km, n763, 0.170/375, mb5.2/146, MS5.5/412, 14C-11D, Ascension Island region

Main table of station data for the left column, including stations like H10S2 ASCENSION HYDR, H10S3 ASCENSION HYDR, ASCN Ascension, etc.

Table with columns: Code, Station Name, Az, AZ, Phase ID, Time, Res. Rows include IPMB Itanhem-SP, PETO1 Itanhem-SP, BB19B Bebedouro, etc.

BOSA Boshof 39.95 121 P P 19 47 47.4 +0.3 BOSB Boshof 39.95 121 P P 19 47 47.4 +0.3 PP1B Ponte de Pedra 40.34 257 eP P 19 47 49.8 -0.4

AMBA AMamba (Brazil) 40.97 248 eP P 19 47 55.9 +0.5 SALV Santo Antonio 41.07 259 eP P 19 47 56.9 +0.7 MATP Matopo 41.27 108 LR LR 20 03 19.3 AOODB AOODB 41.32 252 Iamb Iamb 19 48 14.2

ISC 29:40:14.6, 11:48S:13:60W, h24km, MW5.8, Moment Tensor Solution. s127 Moment tensor: Mr:0.69; Mw:3.18; Mw:3.87; Mw:0.37; Mw:4.21; Mw:1.74; Fault plane solution: NP1:0.160,00000; 0.69,00000; -1,162,00000. Principal axes: T 6.1900, Plg11.00000, Azm293.00000; N 0.7300, Plg71.00000, Azm163.00000; P -5.4000, Plg13.00000, Azm26.00000.

ISC 29:40:16.9, 0.1, 11:68S:0:01, 13:65W, h10km, MW5.7/140, Moment Tensor Solution. s121, c220; s140, c310; Duration: 1s8. Moment tensor: Scale 1017 Nm; Mn:0.10e:0.04; Mw:2.29e:0.04; Mw:2.18e:0.04; Mw:1.93e:0.10; Mw:4.11e:0.03; Mw:0.96e:0.11; Best double couple: Ms:0.91000x1017 NP1:0.168,00000; 0.74,00000; -1,167,00000. NP2:0.74,00000; 0.77,00000; -1,17,00000. Principal axes: T 4.6300, Plg2.00000, Azm121.00000; N 0.9180, Plg65.00000, Azm127.00000; P -5.5520, Plg31.00000, Azm30.00000; nsta1 refers to body waves, cutoff=40s, nsta2 refers to surface waves, cutoff=50s. Triangular moment-rate function

Main table of station data for the middle column, including stations like IPMB Itanhem-SP, PETO1 Itanhem-SP, BB19B Bebedouro, etc.

Main table of station data for the right column, including stations like LPAZ comp=Z,1.7nm,1.1s, LPAZ La Paz, ACAN Cantanil, etc.

1843

Table with columns: Name, Comp, Z, J, M, P, Max, Min, Diff, etc. Includes entries like VORR Voronezh, MAK Makhachkala, 656A Willston, etc.

2020 JUN

Table with columns: Name, Comp, Z, J, M, P, Max, Min, Diff, etc. Includes entries like ARCES ARCESS Array B, E46A Sault Ste Marie, I45A Fountain, etc.

29d 19h

Table with columns: Name, Comp, Z, J, M, P, Max, Min, Diff, etc. Includes entries like MDND Maddox, OGNE Ogallala, AAK Ala-Archa, etc.

Table with columns: IZ7K, G26K, F25K, FYU, F24K, K27K, PMBI, PRP, SCRK, J25K, L26K, PZH, H24K, RIDG, BARN, K24K, D20K, H23K, HDA, COLA, CCB, MCARA, PAX, WRH, I23K, VRDI, HARP, NEAZ, LZH, LZH, LZH, ULN, DLY, MHY, DHY, M24K, CD2, CD2, CD2, CD2, E19K, MCK, I21K, RND, E18K, SML, GLI, I20K, H19K, CAST, CUT, L22K, J20K, M22K, PPLA, K20K, SKT, J19K, M20K, L19K, M19K, L18K, TAOE, Y17K, K17K, N19K, J16K, O19K, B18K, N18K, M17K, HHC, HHC, HHC, O18K, O18K, JAGI, N17K, K15K, TBI, TBI, M16K

Table with columns: P17K, QIZ, QIZ, QIZ, QIZ, O16K, L14K, M15K, K13K, P16K, N14K, M13K, O14K, M11K, BJT, PPT2, PPT2, KKM, KAPI, MA2, MA2, NJ2, CN2, ASAR, ASAR, ASAR, ASAR, ASAR, YULB, NACB, ATKA, PET, YSS, YSS, YSS, MAJO, MJAR, MJAR, DZM, MSFV, HNR

IDC 29 19:56:40.6 0.9 35' 16N:26' 73E, h0km, mb3.8/9, mbmp3.7/18, ML3.5/9, MS3.7/2, Error ellipse: s-maj=19.1km s-min=11.6km az=4.0, Gll 29 19:56:41.5 0.0 35' 40N:02:26' 758E:0.006, h0km, MWS4.2, confirmed THE 29 19:56:44.2 36' N:8' 27E:1, h0km, M3.4/4, MLh3.4/4, ISK 29 19:56:44.1 35' 51N:26' 71E, h7km, ML3.8/18, AFAD 29 19:56:45.9 35' 59N:26' 92E, h9km, 1km, MW3.8, ISC 29 19:56:44.1 1.0 35' 45N:03:26' 77E:0.02, h11km, 7km, n94, i167/130, mb3.8/8, Crete

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

Table with columns: ELL, APMY, GOLH, URLA, CHOS, ODEM, KIRA, KIRA, SULTU, KTHA, INCE, MANT, KULA, CSRA, CSS, BRTR, BRTR, BRTR, MMACT, MMAOB, MMAI, MMAI, GEM, SALP, SALP, KZIT, KZIT, MSBI, MSBI, GHJAJ, GHJAJ, HRFI, HRFI, EIL, EIL, EIL, ASF, ASF, VAE, KBZ, AKASG, MAUC, KRUC, VRAC, VRAC, MORC, TREC, KRLO, GERES, DPC, KHC, DAVOX, ESDD, FINES, HFS, EKA, TORD, KURBB, MKAR, ZALV, SONMI, TGY

ISK 29 20:14:47.7 35' 56N:26' 69E, h4km, ML3.8/27, IDC 29 20:14:47.3 0.8 35' 34N:26' 84E, h0km, mb4.1/12, mbmp3.9/20, ML3.8/8, Error ellipse: s-maj=20.51km s-min=11.9km az=176.0, THE 29 20:14:48.9 36' N:3' 27E:1, h0km, M3.7/17, MLh3.7/17, ATH 29 20:14:48.6 35' 47N:26' 71E, h10km, 2km, ML3.8/10, Latitude uncertainty: 3 km; Longitude uncertainty: 1 km, AFAD 29 20:14:50.1 35' 60N:26' 91E, h7km, 1km, ML3.8, Gll 29 20:14:52.3 0.0 35' 45N:27' 19E, h0km, MWS4.1, confirmed ISC 29 20:14:48.5 1.1 35' 44N:03:26' 80E:0.02, h8km, 7km, n158, i179/207, mb4.1/11, Crete

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

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like ANOYIA, BODRUM, YALIKAVAK-BODR, etc.

Table with columns: Station Name, Frequency, Power, and other technical details. Includes stations like MOUNT HARIF, ELAT, VALGAMERA, etc.

Table with columns: Code, Station Name, Frequency, Power, and other technical details. Includes stations like NIUE, RAOU ISLAND, NONSAVU, etc.

Table with columns: QSPA, comp, I/Amb, I/Amb, 20 33 14.6, 20 33 12.3 +1.2, 20 33 40.5 -1.4, etc. Lists various astronomical objects and their coordinates.

Table with columns: AKKB, Malin Array Si, 145.62 332, PKP, PKPdf, 20 41 48.8 -1.2, 20 41 48.8 -1.2, 20 41 49.0 -1.0, etc. Lists astronomical objects with detailed coordinates and identifiers.

Table with columns: SABU, comp=N,35nm,0.7s, IAML, 20 50 03.0, 20 50 05.0, 20 49 26.1 +1.0, etc. Lists astronomical objects with coordinates and identifiers.

Table with columns: WEL, 20 50 52:47.9, 0.9, 33.6, 17.9E, 1.6, h12km, M4.3/10, mB4.6, 5.19, ML4.5/10, Mw(mB)3.8/2, Error ellipse: s-maj=21.7km s-min=6.9km az=101.1, confirmed, South of Kermadec Islands. Lists station names and coordinates.

Table with columns: IDC 29 20:48:39.1, 2.9, 34.7, 74N, 26.74E, h0km, mb3.1/3, mBmp3.1/6, ML2.9/3, Error ellipse: s-maj=60.9km s-min=28.8km az=176.0, ATH 29 20:48:44.2, 3.5, 35.11N, 26.71E, h15km, 5km, ML2.9/7, Latitude uncertainty: 4 km; Longitude uncertainty: 2 km, THE 29 20:48:44.1, 3.6, N2.2, 2.7E, h3km, 2km, M2.7/10, MLh2.7/10, ISK 29 20:48:44.4, 3.5, 35.35N, 26.81E, h5km, ML2.8/19, AFAD 29 20:48:50.0, 3.5, 62N, 27.22E, h5km, 3km, ML2.4, ISC 29 20:48:44.3, 1.0, 35.53N, 0.03, 26.69E, 0.02, h7km, 8km, Code Station Name, A° AZ', Phase ID, Time Res, h m s ISC. Lists astronomical objects with coordinates and identifiers.

Table with columns: IDC 29 20:54:59.9, 6.2, 23.60S, 66.64W, h0km, mb3.8/1, mbmp3.9/2, ML4.1/1, MS4.1/5, Error ellipse: s-maj=185.7km s-min=51.4km az=56.0, SCB 29 20:55:33.2, 1.0, 21.49S, 66.93W, h74km, 14km, ML3.6/2, Error ellipse: s-maj=5.6km s-min=3.7km az=0.0, ISC 29 20:55:29.7, 1.2, 21.56S, 0.08, 66.85W, 0.07, h207km, n23, @1975/20, Southern Bolivia @1975/20, Code Station Name, A° AZ', Phase ID, Time Res, h m s ISC. Lists astronomical objects with coordinates and identifiers.

3.3nm,0.9s,baz=216,slow=2.9,SNR=7.2
VANDA Vanda 58.06 179 P P 22 13 40.0 +0.2
TORD Torodi Ar. Bza 59.53 19 P P 22 13 50.7 0.0
ILAR Eielson Array 146.85 324 PKPbc PKPbc 22 23 27.8 -0.9

SOME 29 22:17:10.8, 42.88'N-82.62'E, h15km
NCC 29 22:17:13.4, 42.23'N-82.16'E, h0km, mb3.8, mpv3.4
Error ellipse: s-maj=18.1km s-min=10.3km az=154.0
ISC 29 22:17:13.5, 42.479'N-0.09-82.50E:0.06, h4km, 13km,
n35, -2.03/52, 6C-2D, Northern Xinjiang

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

RSRP 29 22:25:08.8, 17.94'N-66.88'W, h10km, MD3.2/16
SDD 29 22:25:09.0, 17.92'N-66.87'W, h12km, 7km, MD3.1,
ML3.5, MW3.5, Presumed earthquake
PTWC 29 22:25:08, 17.90'N-66.90'W, M4.0/15
NEIC 29 22:25:08.2, 1.0, 17.90'N-0.03-66.86'W:0.009,

h10km, 1km, ML3.8/37, ML3.5/16(RSPR), Error ellipse:
s-maj=5.2km s-min=2.8km az=13.0
OSP 29 22:25:09.5, 1.2, 17.88'N-66.86'W, h0km, 18km, ML3.6,
Presumed earthquake
ISC 29 22:25:07.2, 0.9, 17.90'N-0.05-66.88'W:0.02, h16km, 3km,
n68, c0.88/99, 14C-13D, Puerto Rico region

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations in Puerto Rico and surrounding areas.

LOBH comp=Z,42nm,2.1s IAML 22 27 11.8
GRTK Grand Turk 5.39 313 i P Pn 22 26 29.2 +2.4
GRTK comp=Z,34nm,1.1s IAML 22 27 35.7

IDC 29 22:27:59.5, 0.5, 11.60'N-87.63'W, h0km, mb4.7/19,
mbtmp4.7/21, ML2.92, MS4.3/60, Error ellipse:
s-maj=21.3km s-min=10.8km az=56.0
CATAC 29 22:28:01.1, 0.4, 11.1'N-2.8'W, h6km, 3km, M5.0/61,
mb5.1/6, mb5.4/6, MLV5.2/61, Mw(MWB)4.8/6, Mw(MWP)4.9/1,
Mwps2/1, Error ellipse: s-maj=4.1km s-min=2.2km
az=19.4, confirmed
NEIC 29 22:28:01.8, 1.9, 11.47'N-0.07-87.88'W:0.06, h10km, 1km,
mb5.3/60km, Mw(MW)5.1/49, Error ellipse: s-maj=12.2km
NEIC 29 22:28:01.8, 11.46'N-87.89'W, h10km
Solution. Duration: 199 Moment tensor: Scale 10^19Nm;
Mr=5.70; Ms=4.62; M0=1.07; Mn=2.55; Mb=2.76; Mw=0.31;
Fault plane solution: Mo6.46000x10^16 NP1:
0.132.37000, 0.836.89000, 1.67.56000. NP2:
0.285.06000, 0.856.30000, 1.105.98000. Principal axes:
T 6.44975, Plg10.0000, Azm26.0000; N -0.0799,
Plg13.0000, Azm294.0000; P -6.4177, Plg73.0000,
Azm152.0000
MOS 29 22:28:02.1, 1.1, 11.60'N-87.74'W, h24km, mb5.3/27 Error
ellipse: s-maj=10.3km s-min=6.2km az=115.1
GCMT 29 22:28:03.0, 0.2, 11.43'N-0.01-88.16'W:0.01, h12km,
MW5.2/122, Moment Tensor Solution. s64, c83;
s122, c204; Duration: 190 Moment tensor: Scale 10^17
Nm; Mr=-0.73; Ms=0.46; Mn=0.46; Mb=0.26; M0=1.07;
Mn=0.25; Ms=0.33; M0=0.28; Mb=0.26; Best double
couple: Mo.79600x10^17 NP1:0.147.0000, 0.848.0000,
1.59.0000. NP2:0.286.0000, 0.651.0000,
1.120.0000. Principal axes: T 0.7070, Plg1.0000,
Azm36.0000; N 0.1760, Plg22.0000, Azm305.0000; P
0.8840, Plg68.0000, Azm129.0000. nstai1 refers to
body waves, cutoff=40s. nstai2 refers to surface waves,
cutoff=50s. Triangular moment-rate function
SNET 29 22:28:03.6, 1.3, 11.46'N-87.92'W, h36km, ML5.1,
Presumed earthquake
UCR 29 22:28:04.1, 1.6, 11.44'N-87.73'W, h5km, 98km, MW5.0,
Presumed earthquake
GFZ 29 22:28:07.6, 11.49'N-87.79'W, h18km, MW5.3, Moment
Tensor Solution. s33 Moment tensor: Mr=-1.12;
M0=0.45; Ms=0.67; Mn=0.35; Mb=0.33; Mw=0.11; Fault
plane solution: NP1:0.314.0000, 0.637.0000,
1.76.0000. NP2:0.314.0000, 0.653.0000,
1.100.0000. Principal axes: T 0.9500, Plg8.0000,
Azm51.0000; N 0.2400, Plg8.0000, Azm320.0000; P
-1.1900, Plg78.0000, Azm186.0000.
ISC 29 22:28:03.5, 1.1, 11.43'N-0.03-87.92'W:0.03, h28km, 7km,
n107, c121/841, mb5.2/353, MS4.4/63, 46C-17D, Near
coast of Nicaragua

Table with columns: Code, Station Name, Delta A, Delta Z, Phase ID, Time, Res, ISC. Lists seismic stations in Nicaragua and other regions.

29d 22h

ANMO	Albuquerque	28.85	327cP	P	pmax	22 34 00.1	+0.1
ACSO	Alum Creek Sta	29.02	8	I	I	22 34 11.1	
HDIL	Hopedale	29.04	358	I	I	22 34 11.5	
052A	Adamsville	29.07	10	I	I	22 34 11.7	
N41A	Harde Midland	29.28	355	I	I	22 34 12.5	
P57A	Homestead Farm	29.29	16	I	I	22 34 14.7	
053A	New Philadelphia	29.31	11	I	I	22 34 13.9	
054A	Avella	29.41	12	I	I	22 34 14.5	
N49A	Columbus Grove	29.56	6	I	I	22 34 15.4	
TUC	Tucson	29.58	318	P	P	22 34 06.7	+0.4
TUC	Tucson	29.58	318	P	P	22 34 06.7	+0.4
N38A	Joese South For	29.62	352	I	I	22 34 17.2	
N51A	Ashland	29.78	8	I	I	22 34 18.1	
BBSR	BB Station	29.85	42	P	P	22 34 08.4	-0.2
N53A	Lisbon	29.92	11	I	I	22 34 19.1	
M50A	Fremont	30.16	7	I	I	22 34 22.4	
MVL	Millersville	30.24	18	I	I	22 34 15.8	
KSCO	Kyle Sheldahl	30.43	337	I	I	22 34 22.5	
L42A	Olive, Polo	30.50	357	I	I	22 34 24.0	
L40A	Anamosa	30.65	355	I	I	22 34 25.7	
MACA	Manacapura-AM	30.72	117	P	P	22 34 16.4	-0.1
MACA	Manacapura-AM	30.72	117	eP	eP	22 34 16.6	+0.1
PAOC	Oil Creek Stat	30.83	12	I	I	22 34 27.0	
N58A	Sunbury	30.91	17	P	P	22 34 17.2	-0.7
N58A	Sunbury	30.91	17	I	I	22 34 27.8	
M57A	Sunshine Farm,	31.26	16	I	I	22 34 31.6	
ERPA	Erie	31.35	11	I	I	22 34 31.6	
JFWS	Jewell Farm	31.43	357	P	P	22 34 21.7	-0.8
JFWS	Jewell Farm	31.43	357	I	I	22 34 32.6	
JFWS	Jewell Farm	31.43	357	P	P	22 34 21.7	-0.8
MVCO	Mesa Verde	31.64	328	I	I	22 35 02.5	
KSPA	Keystone Colle	31.85	17	I	I	22 34 34.4	
L56A	Greenwood	31.90	15	P	P	22 34 25.7	-0.9
L56A	Greenwood	31.90	15	I	I	22 34 37.3	
PAL	Palisades	31.94	20	I	I	22 34 30.1	
WUAZ	Wupatki	32.05	322	I	I	22 34 32.8	
BINY	Binghamton	32.38	17	P	P	22 34 30.3	-0.5
BINY	Binghamton	32.38	17	I	I	22 34 41.2	
MMNV	Mt. Morris Dam	32.38	14	I	I	22 34 41.4	
I40A	Norwalk	32.43	356	I	I	22 34 40.3	
PV13	Radium Mtn.,	32.53	328	I	I	22 34 47.6	
PV05	Paradox Valley	32.61	328	I	I	22 34 56.6	
PV18	Skein Mesa, Pa	32.64	328	I	I	22 34 41.3	
PV11	David Mesa, Pa	32.66	329	I	I	22 34 48.5	
MEDO	Medina	32.67	13	I	I	22 34 43.8	
PV16	Nyswonger Mesa	32.69	329	P	P	22 34 34.3	+0.4
PV16	Nyswonger Mesa	32.69	329	I	I	22 34 50.2	
K57A	Scipio Center	32.73	16	I	I	22 34 36.5	
PV20	West Nyonger	32.74	329	I	I	22 34 49.7	
PV22	Blue Mesa, Pa	32.80	329	P	P	22 34 34.8	+0.1
PV10	Paradox Valley	32.80	328	I	I	22 34 42.0	
PV23	Carpenter Ridg	32.84	329	I	I	22 34 40.8	
J55A	Hilton	32.91	14	I	I	22 34 45.1	
PV21	Come Mt, Pa	32.91	329	I	I	22 35 23.8	
H43A	Windswept, Lux	32.92	0	I	I	22 34 44.5	
BLVC	Blythe	32.94	317	P	P	22 34 36.9	+1.1
ECSD	EROS Data Cent	33.05	348	I	I	22 34 51.8	
YUH	Yuha Desert	33.28	314	I	I	22 34 41.9	
HMU	Henry Mountain	33.38	326	I	I	22 34 49.4	
PECO	Prince Edward	33.73	14	P	P	22 34 41.1	-1.5
O20A	White River Ci	33.77	331	I	I	22 34 51.4	
G40A	Rib Lake	33.78	357	I	I	22 34 52.9	
LPAZ	La Paz	33.79	144	P	P	22 34 44.3	+0.3
LPAZ	La Paz	33.79	144	P	P	22 37 22.9	-0.3
LPAZ	La Paz	33.79	144	LR	LR	22 49 23.2	
LPAZ	La Paz	33.79	144	eP	eP	22 34 44.2	+0.1
SPMN	Marine on St.	33.94	354	I	I	22 34 53.4	
J59A	Piesco	33.97	18	I	I	22 34 55.1	
K62A	Royalston	33.99	21	I	I	22 34 55.9	
SADO	Sadowa	34.07	11	PcP	PcP	22 37 22.9	+0.2
SADO	Sadowa	34.07	11	LR	LR	22 49 15.2	
SADO	Sadowa	34.07	11	I	I	22 34 54.9	
WES	Weston	34.07	22	I	I	22 34 48.9	
HRV	Adam Dzewonsk	34.09	22	P	P	22 34 44.8	-0.9
HRV	Adam Dzewonsk	34.09	22	I	I	22 34 56.2	
HRV	Adam Dzewonsk	34.09	22	P	P	22 34 44.8	-0.9
HRV	Adam Dzewonsk	34.09	22	P	P	22 34 44.8	-0.9
DELO	Deloro Mine	34.14	13	I	I	22 34 55.6	
PFO	Pinyon Flats O	34.19	315	LR	LR	22 50 27.8	
PFO	Pinyon Flats O	34.19	315	P	P	22 34 47.8	+1.0
PFO	Pinyon Flats O	34.19	315	I	I	22 34 50.6	
PFO	Pinyon Flats O	34.19	315	iP	iP	22 34 48.9	+2.1
P18A	Preston Nutter	34.36	329	I	I	22 35 04.7	
NZCU	Shurtz Canyon	34.47	323	P	P	22 34 49.8	+0.5
SCB	Nebuck	34.51	18	I	I	22 34 60.0	
CCUT	Cedar City	34.60	323	P	P	22 34 50.0	-0.5
BUKO	Buck Lake	34.67	11	I	I	22 35 02.0	
HNH	Hanover	34.89	20	P	P	22 34 52.9	+0.3
HNH	Hanover	34.89	20	I	I	22 35 03.1	
K22A	Casper	35.07	336	I	I	22 34 55.8	

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WBO	Williamsburg	35.17	16	I	I	22 35 05.1	
E38A	The Farm, Brul	35.19	356	I	I	22 35 04.3	
RSSD	Black Hills	35.42	340	P	P	22 34 56.5	-0.9
RSSD	Black Hills	35.42	340	P	P	22 34 56.5	-0.9
MDP	Montardes des	35.45	97	LR	LR	22 51 35.2	
LBNH	Lisbon	35.48	20	I	I	22 35 08.7	
FRNY	Flat Rock	35.49	18	I	I	22 35 08.3	
ITTB	Itaituba	35.66	114	eP	eP	22 34 59.7	+0.1
GWY	Greenwater Val	35.80	318	P	P	22 35 02.3	+1.2
GWY	Greenwater Val	35.80	318	I	I	22 35 04.3	
TPNV	Topoph Spring	35.98	320	I	I	22 35 06.7	
H62A	Milan	36.04	21	I	I	22 35 12.8	
S11A	Rachel	36.10	321	P	P	22 35 04.0	+0.7
CLC	China Lake	36.20	317	I	I	22 35 07.5	
PDAR	Pinedale Arroy	36.46	333	P	P	22 35 06.2	-0.2
PDAR	Pinedale Arroy	36.46	333	P	P	22 37 30.6	+0.5
PDAR	Pinedale Arroy	36.46	333	ScP	ScP	22 41 18.3	+3.3
PDAR	Pinedale Arroy	36.46	333	LR	LR	22 52 59.9	
PDAR	Pinedale Arroy	36.46	333	P	P	22 35 05.5	-0.9
TRQ	Mont Tremblant	36.49	16	I	I	22 35 16.1	
HWUT	Hardware Ranch	36.51	330	I	I	22 35 14.5	
EYMN	Ely	36.52	356	I	I	22 35 15.2	
WVL	Waterville	36.56	22	I	I	22 35 17.9	
VILB	Vilhena	36.65	131	P	P	22 35 08.2	+0.1
VILB	Vilhena	36.65	131	eP	eP	22 35 08.5	+0.4
TBO	Thunder Bay	37.12	358	I	I	22 35 20.7	
AHID	Auburn Hatcher	37.17	331	I	I	22 35 28.7	
NPBG	Novo Progresso	37.23	118	eP	eP	22 35 12.6	-0.5
TPH	Tonopah	37.28	320	I	I	22 35 17.2	
PKME	Peaks-Kenny Pk	37.30	22	P	P	22 35 12.5	-0.7
DSPN	Deep Springs	37.34	319	I	I	22 35 17.7	
AGM	Agassiz Natl	37.35	351	I	I	22 35 23.8	
EMMW	East Machias	37.53	24	I	I	22 35 25.6	
SNOW	Snow King Moun	37.55	332	I	I	22 35 17.5	
VLDQ	Val d'Or	37.60	12	I	I	22 35 25.2	
ELK	Elko	37.83	325	P	P	22 35 17.8	-0.3
ELK	Elko	37.83	325	P	P	22 35 17.8	-0.3
FLWY	Flagg Ranch	38.01	333	I	I	22 35 21.9	
SIV	San Ignacio	38.05	135	LR	LR	22 50 48.7	
GGN	Saint George	38.12	24	I	I	22 35 30.6	
F64A	Sherman	38.15	22	I	I	22 35 30.7	
NVAR	Mina Array Bea	38.18	320	P	P	22 35 22.4	+1.4
NVAR	Mina Array Bea	38.18	320	P	P	22 37 37.2	+1.8
NVAR	Mina Array Bea	38.18	320	ScP	ScP	22 41 25.8	+4.3
NVAR	Mina Array Bea	38.18	320	LR	LR	22 55 43.8	
NVAR	Mina Array Bea	38.18	320	P	P	22 37 27.1	+1.7
RLMT	Red Lodge	38.23	335	I	I	22 35 22.5	
PKD	Bear Valley Ra	38.27	315	P	P	22 35 23.1	+1.4
PKD	Bear Valley Ra	38.27	315	I	I	22 35 24.9	
YMP	Mirror Lake Pi	38.29	334	I	I	22 35 34.2	
EPLQ	Experimental	38.43	354	I	I	22 35 31.6	
YNE	Yellowstone No	38.45	335	I	I	22 35 34.6	
YNR	Norris Junctio	38.50	334	P	P	22 35 23.3	-0.4
YNR	Norris Junctio	38.50	334	I	I	22 35 36.5	
YMR	Madison River	38.59	333	I	I	22 35 27.1	
YHL	Hebgen Lake	38.83	333	I	I	22 35 43.0	
CLDB	Colider	38.85	124	eP	eP	22 35 25.4	-1.4
LMQ	La Malbaie	38.93	19	I	I	22 35 36.5	
D62A	Allapont, All	38.94	21	I	I	22 35 37.7	
PTLB	Pontes e Lacer	39.05	133	P	P	22 35 28.0	-0.3
PTLB	Pontes e Lacer	39.05	133	I	I	22 35 31.1	
PTLB	Pontes e Lacer	39.05	133	eP	eP	22 35 28.3	0.0
BBSD	Serra de San	39.20	136	eP	eP	22 35 29.1	-0.4
ULM	Lac du Bonnet	39.26	352	P	P	22 35 27.6	-2.0
ULM	Lac du Bonnet	39.26	352	P	P	22 37 39.0	+0.8
ULM	Lac du Bonnet	39.26	352	S	S	22 41 22.4	

R33M	Jennings River baz=128,SNR=5.7	57.61	336	P	P	22 37 51.8	+0.8	I28M	Miner Creek baz=121,SNR=6.6	64.47	339	P	P	22 38 38.1	+0.6	PPT2	comp=Z,693nm,29.0s	eLR	LR	22 59 02.5	
Q32M	Nakina River comp=Z,22nm,1.0s	57.88	335	I	Amb	22 37 57.5		N25K	Chitina, Valde baz=115,SNR=14	64.51	334	P	P	22 38 38.6	+0.8	F25K	Christian River comp=Z,14nm,0.9s	F	I	22 38 57.2	+0.3
Q32M	Nakina River baz=126,SNR=8.9	57.88	335	P	P	22 37 53.5	+0.5	A36M	Saco Harbour baz=139	64.55	348	P	P	22 38 38.7	+0.9	F25K	Christian River baz=116,SNR=29	F	I	22 38 59.9	
TG1N	Hyland Airport baz=132	57.94	339	P	P	22 37 53.7	+0.5	EYAK	Cordova Ski Ar Cordova Ski Ar	64.59	332	I	Amb	22 38 40.6	+2.5	SII	Sitkinak Island SITKINAK ISLAND	S	P	22 38 57.9	+2.2
IL0N	Igloolik, Nuna comp=Z,4nm,0.9s	58.02	3	I	Amb	22 38 03.9		EYAK	Cordova Ski Ar baz=113	64.59	332	P	P	22 38 42.0		SII	Sitkinak Island SITKINAK ISLAND	S	P	22 38 58.3	+1.2
S32K	Killinoon baz=123	58.05	332	P	P	22 37 54.6	+0.7	EYAK	Cordova Ski Ar baz=113	64.59	332	P	P	22 38 39.1	+0.9	L22K	Petersville baz=109,SNR=8.1	L	P	22 38 57.5	+0.3
NUUK	Nuuk	58.43	18	I	Amb	22 37 56.9	+0.5	G29M	Pine Creek comp=Z,30nm,1.1s	64.60	340	I	Amb	22 39 15.4		NEA2	Nenana baz=123,SNR=1.2s	N	I	22 38 59.0	
NUUK	comp=Z,36nm,1.0s	58.46	333	P	P	22 37 57.9	+1.0	G29M	Pine Creek baz=124,SNR=15	64.60	340	P	P	22 38 38.4	+0.2	NEA2	Nenana baz=112,SNR=14	N	I	22 38 57.4	+0.1
R32K	Eaglecrest baz=123	58.49	23	I	Amb	22 37 57.3	+0.4	L26K	Log Cabin Wild baz=117	64.60	335	P	P	22 38 38.9	+0.5	BWN	Browne baz=107	B	P	22 38 57.3	0.0
NRS	Narsarsuaq	58.49	23	I	Amb	22 37 57.3	+0.4	MENT	Mentasta Divide	64.72	335	I	Amb	22 38 40.7	+1.7	H24K	Noodor Dome comp=Z,18nm,1.1s	H	I	22 38 06.7	
NRS	comp=Z,34nm,1.1s	58.49	23	I	Amb	22 37 57.3	+0.4	FID	Port Fidalgo comp=Z,42nm,1.4s	64.83	333	I	Amb	22 38 42.4		H24K	Noodor Dome baz=113,SNR=16	H	P	22 38 57.8	+0.5
P33M	Teslin, Yukon baz=126	58.85	336	P	P	22 37 59.8	+0.2	KLU	Klutina comp=Z,50nm,1.5s	65.04	333	I	Amb	22 38 44.4		OR0K	Slope Mountain baz=107	O	P	22 38 58.6	+0.6
P32M	Atlin baz=125	58.85	335	P	P	22 38 00.5	+0.9	KLU	Klutina baz=119nm,0.9s	65.04	333	I	Amb	22 38 44.5		27K	Thorofare Moun baz=110,SNR=11	T	P	22 38 57.9	-0.1
S31K	Pelican baz=121	59.06	332	P	P	22 38 01.9	+1.0	KLU	Klutina baz=114,SNR=12	65.04	333	P	P	22 38 41.6	+0.4	SUMC	Summit baz=107	S	P	22 38 57.0	-1.4
SKAG	Skagway baz=122	59.46	334	P	P	22 38 04.5	+0.7	HARP	HAARP baz=115	65.08	334	P	P	22 38 41.1	-0.3	SUMG	Summit comp=Z,18nm,1.1s	S	I	22 39 12.4	
N32M	Quiet Lake comp=Z,22nm,0.9s	59.51	336	I	Amb	22 38 14.4		RSD	Rained P23K	65.08	286	P	P	22 38 42.7	+0.4	SUMG	Summit comp=Z,18nm,1.1s	S	I	22 38 57.0	-1.4
MMPY	Sheldon Lake, comp=Z,17nm,1.0s	59.72	338	I	Amb	22 38 14.6		P23K	Montague Islan baz=111	65.14	332	P	P	22 38 41.5	-0.2	SUMG	Summit comp=Z,18nm,1.1s	S	I	22 39 00.9	+2.6
MMPY	Sheldon Lake, comp=Z,17nm,1.0s	59.72	338	I	Amb	22 38 14.6		I27K	Kandik River comp=Z,17nm,1.0s	65.15	338	I	Amb	22 38 46.0		SUMG	Summit comp=Z,22nm,1.3s	S	I	22 39 11.4	
PLCB	Pleasant Camp baz=122	59.91	334	P	P	22 38 06.2	+0.7	I27K	Kandik River baz=120,SNR=16	65.15	338	P	P	22 38 42.2	+0.4	STLK	Strandline Lake comp=Z,18nm,1.1s	S	I	22 39 00.3	
WHY	Whitehorse comp=Z,26nm,1.4s	59.94	335	I	Amb	22 38 07.5		SCRK	Sand Creek comp=Z,20nm,1.4s	65.28	336	I	Amb	22 39 02.1		SPU	Mount Spurr comp=Z,33nm,1.1s	S	I	22 39 00.2	
WHY	Whitehorse comp=Z,26nm,1.4s	59.94	335	I	Amb	22 38 07.5		SCRK	Sand Creek baz=116,SNR=6.9	65.28	336	P	P	22 38 43.5	+0.6	SKT	Skwentna baz=108,SNR=22	S	P	22 38 58.6	+0.4
AY03	Cochrane	60.00	168	P	P	22 38 07.5	-0.1	GLI	Glacier Island baz=112	65.33	332	P	P	22 38 43.6	+0.6	E25K	Arctic Village baz=110,SNR=10	E	P	22 38 58.7	+0.5
AY03	comp=Z,14nm,0.8s	60.00	168	P	P	22 38 07.5	-0.1	E29M	Blow River comp=Z,33nm,1.4s	65.39	342	I	Amb	22 39 27.6		PMOZ	Porto Moniz, M comp=Z,202,slow=32	P	I	23 00 13.1	
O30N	Mendenhall comp=Z,15nm,0.9s	60.50	335	I	Amb	22 38 13.4		E29M	Blow River baz=124,SNR=9.3	65.39	342	P	P	22 38 43.7	+0.2	PMOZ	Porto Moniz, M comp=Z,202,slow=32	P	I	23 02 36.6	
O30N	Mendenhall baz=123,SNR=16	60.50	335	P	P	22 38 11.4	+0.5	M24K	Tolson Glenn baz=114	65.40	334	P	P	22 38 43.7		G24K	Hadweenic River comp=Z,6nm,0.9s	G	P	22 38 58.9	+0.4
P30M	Million Dollar baz=122	60.52	334	P	P	22 38 12.0	+1.0	H27K	Steamboat Moun comp=Z,28nm,0.9s	65.43	339	I	Amb	22 38 47.7		SPCR	Spurr Chakacha baz=107	S	P	22 38 59.2	+0.4
P30M	Windy Craggy comp=Z,30nm,1.0s	60.59	334	I	Amb	22 38 14.4		PAX	Peaxton baz=114,SNR=9.0	65.43	335	P	P	22 38 44.0	+0.1	P19K	Oli Pt baz=106	P	P	22 38 59.0	+0.2
P29M	Windy Craggy baz=121,SNR=11	60.59	334	P	P	22 38 12.4	+0.8	RIDG	Independent Ri comp=Z,26nm,1.0s	65.52	336	I	Amb	22 38 46.8		C27K	Jago River baz=119,SNR=10.0	C	P	22 38 59.0	+0.2
M31M	Drury Creek, Y baz=125	60.63	337	P	P	22 38 12.2	+0.5	RIDG	Independent Ri baz=116,SNR=20	65.52	336	P	P	22 38 44.8	+0.6	Q19K	Douglas, baz=105	Q	P	22 38 59.8	+0.8
N31M	Braeburn, Yuko comp=Z,14nm,0.9s	60.77	336	I	Amb	22 38 22.0		F28M	Old Crow comp=Z,33nm,0.8s	65.59	341	I	Amb	22 38 54.2		I23K	Minto, Yukon-K comp=Z,40nm,1.2s	I	Amb	22 39 01.7	
N31M	Braeburn, Yuko baz=124,SNR=6.9	60.77	336	P	P	22 38 23.0	+0.3	F28M	Old Crow baz=122,SNR=24	65.59	341	P	P	22 38 45.0	+0.5	I23K	Minto, Yukon-K comp=Z,40nm,1.2s	I	Amb	22 38 59.7	+0.5
SFJD	Kangerlussuaq comp=Z,244nm,18.1s	60.82	16	LR	LR	23 06 23.0		G27K	Doyon Strip baz=120,SNR=11	65.77	340	P	P	22 38 46.2	+0.4	KTH	Kantishna Hill comp=Z,30nm,1.0s	K	P	22 39 01.6	
HYT	Haines Junction baz=122,SNR=5.5	61.11	335	P	P	22 38 15.6	+0.4	SCM	Sheep Creek Mo baz=122,SNR=5.6	65.79	333	P	P	22 38 46.6	+0.5	USHA	Ushuaia comp=Z,253nm,20.6s	U	LR	23 03 43.0	
N30M	Aishikik Lake baz=122,SNR=6.9	61.28	336	P	P	22 38 17.1	+0.8	K24K	Donnelly Dome comp=Z,28nm,0.9s	65.93	336	I	Amb	22 38 50.6		CHIR	Chirikof Islan baz=102	C	P	22 39 01.3	+0.3
O29M	Mount Kennedy baz=120	61.30	334	P	P	22 38 17.1	+0.6	K24K	Donnelly Dome baz=115,SNR=16	65.93	336	P	P	22 38 47.0	+0.1	H23K	Yukon River baz=112	H	P	22 39 01.8	+0.5
P01N	Pond Inlet comp=Z,23nm,1.2s	61.52	3	I	Amb	22 38 29.2		M23K	Glacier View baz=112,SNR=6.0	65.95	333	P	P	22 38 47.3	+0.3	F24K	Squaw Lake comp=Z,52nm,2.0s	F	I	22 39 44.1	
YUK6	Outpost Mounta baz=121	61.53	335	P	P	22 38 18.5	+0.3	E28M	Babbage River comp=Z,26nm,1.0s	66.01	342	P	P	22 38 46.1	-1.2	F24K	Squaw Lake baz=114,SNR=8.5	F	P	22 39 02.6	+1.0
M30M	Minto, Yukon baz=123,SNR=6.9	61.77	337	P	P	22 38 19.4	-0.1	E28M	Babbage River baz=123,SNR=13	66.01	342	P	P	22 38 47.2	-0.1	PPLA	Purulya baz=108,SNR=11	P	P	22 39 02.3	+0.3
YUK4	Talbot Arm baz=121	61.86	335	P	P	22 38 20.9	+0.6	J25K	Salcha River, comp=Z,17nm,1.0s	66.11	337	I	Amb	22 38 50.4		C26K	Camden Bay baz=118	C	P	22 39 03.2	+1.3
PINM	Pinnacle baz=118	61.93	332	P	P	22 38 21.3	+0.6	J25K	Salcha River, comp=Z,17nm,1.0s	66.11	337	P	P	22 38 48.7	+0.7	MLY	Manley baz=110,SNR=6.3	M	P	22 39 02.5	+0.1
BRWY	Burwash Landin baz=120,SNR=9.5	62.23	334	P	P	22 38 22.0	+0.7	KNK	Knik Glacier baz=111,SNR=12	66.14	333	P	P	22 38 48.9	+0.7	M20K	Styx River comp=Z,24nm,1.0s	M	I	22 39 02.5	+0.5
O28M	Mount Upton baz=119	62.23	334	P	P	22 38 23.8	+0.9	SEW	Seward baz=110	66.14	331	P	P	22 38 49.2	+1.0	M20K	Styx River comp=Z,24nm,1.0s	M	I	22 39 04.5	
C36M	Paulatuk baz=139	62.29	346	P	P	22 38 23.9	+1.1	SML	Samwill baz=111,SNR=9.4	66.22	333	P	P	22 38 49.0	+0.2	M20K	Styx River baz=107,SNR=13	M	I	22 39 03.4	+0.7
YUK8	Steele Glacier baz=120,SNR=7.7	62.35	335	P	P	22 38 24.3	+0.9	WAT6	Susitna Watana comp=Z,12nm,0.8s	66.25	334	P	P	22 38 49.5	+0.3	CAST	Castle Rocks comp=Z,35nm,1.2s	C	I	22 39 04.0	
M29M	Somme Creek comp=Z,28nm,0.9s	62.36	336	I	Amb	22 38 33.1		DHY	Doyon Highway baz=113	66.29	335	P	P	22 38 49.4	+0.1	CAST	Castle Rocks baz=108,SNR=20	C	P	22 39 02.3	-0.3
M29M	Somme Creek baz=121,SNR=29	62.35	336	P	P	22 38 24.0	+0.5	E27K	Coleen River comp=Z,15nm,1.1s	66.44	341	I	Amb	22 39 04.7		Q18K	Katmai Hardscr baz=104,SNR=11	Q	P	22 39 03.5	+0.5
L29M	L29M comp=Z,14nm,1.0s	62.57	337	I	Amb	22 38 36.2		E27K	Coleen River baz=120,SNR=14	66.44	341	P	P	22 38 50.5	+0.4	O19K	Port Aisworth baz=105	O	P	22 39 03.0	-0.1
L29M	L29M baz=122,SNR=16	62.57	337	P	P	22 38 25.1	+0.2	PMR	Palmer baz=110	66.50	333	P	P	22 38 52.6	+2.1	ACHA	Alena Creek He comp=Z,47nm,1.4s	A	I	22 39 07.9	
LOGN	Logan Glacier comp=Z,17nm,0.9s	62.60	334	I	Amb	22 38 35.3		PMR	Palmer baz=110	66.50	333	P	P	22 38 50.9	+0.4	D25K	Kavik River comp=Z,25nm,0.8s	D	I	22 39 13.2	
J30M	Hart River baz=124	62.71	339	P	P	22 38 25.8	-0.1	PRP	Porcupine Dome comp=Z,12nm,0.8s	66.56	337	I	Amb	22 39 00.6		D25K	Kavik River baz=116,SNR=42	D	P	22 39 03.7	+0.5
K29M	Barlow Dome baz=123,SNR=8.0	62.73	338	P	P	22 38 25.4	-0.7	PRP	Porcupine Dome baz=116	66.56	337	I	Amb	22 39 01							

29d 22h

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like O17K Koliganek Bris, CHGN Chignik, D23K Nanushuk River, etc.

2020 JUN

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like E17K Hotham Inlet, K13K Kusilvak Mount, G15K Niukluk, etc.

1852

Table with columns for call sign, name, frequency, power, and other technical details. Includes entries like UPC Ulice, UPC Ulice, OSTC Ostas, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res. Includes stations like Su ao, Ninganchiao, Suao, Shoufeng, Tongmen, etc.

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

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

30d Oh
IDC 30 00:20:18.3,4.4,4.4:81N:93.28E, h0km, mbmp3,0/2,
ML2,9/2, Error ellipse: s-maj=62.7km s-min=21.4km
az=178.0
NNC 30 00:20:25.2,6.6,4.5:90N:93.20E, h0km, mb3.4, mpv3.1,
Error ellipse: s-maj=51.9km s-min=39.5km az=93.0

ATH 30 00:43:20.3,37.24N:20.45E, h10km, 2km, ML2,0/5,
Latitude uncertainty: 1 km; Longitude uncertainty: 2
km, Ionian Sea
Code Station Name Az Az' Phase ID Time Res
KARP Karpathos 0.36 72 P Pg Pb 00 44 49.9 -0.7

MLR Muntele Rosu 10.06 357 Pn Pn 00 47 02.6 +0.9
VAE Valguerna 10.14 285 Sn Sn 00 48 50.7 -5.7
KOLS Kolonicke sedl 13.88 348 eP P 00 48 03.3 +1.2
KESL Kesra 14.16 276 Pn Pn 00 48 02.7 -2.7

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like KISV, KIV, KBZ, KGN, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like TSUM, TLY, SONM, FRB, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like THERA, THRB, THRE, etc.

30d 1h

Table of station data for 30d 1h, including call signs like MJAR, MJAR, MAJO, and various frequencies and coordinates.

NOU 30 01:21.11.9, 37.19S: 179.56E, h5km, Mlv3.7/6, Off E. Coast of N. Island, N.Z. WEL 30 01:21.13.2, 37.55S: 179.51E, h12km, M3.1/6, M3.3/13, Mlv3.0/6, Error ellipse: s-maj=24.2, s-min=8.6km, az=133.1, confirmed, Off east coast of North Island

Table of station data for North Island, including call signs like MXZ, MXZ, MXZ, and various frequencies and coordinates.

2020 JUN

Table of station data for 2020 JUN, including call signs like MWVZ, URZ, URZ, and various frequencies and coordinates.

KRSC 30 01:24.55.6, 1.4, 52.75N: 161.145E, h42km, 23km, M4.2, IDC 30 01:24.55.4, 1.2, 53.04N: 161.23E, h0km, mb3.8/19, mbmp3.8/21, M3.3/62, MS3.1/4, Error ellipse: s-maj=34.5km, s-min=14.2km, az=177.0, NEIC 30 01:24.56.5, 1.8, 52.9N: 0.27, 161.27E: 0.09, h10km, 1km, mb4.2/19, Error ellipse: s-maj=26.5km, s-min=9.3km, az=180.0, MOS 30 01:24.58.2, 0.9, 52.84N: 161.32E, h42km, mb4.4/8, Error ellipse: s-maj=9.0km, s-min=6.7km, az=31.5, ISC 30 01:24.55.2, 0.2, 52.90N: 0.07, 161.38E: 0.04, h9km, 1.2km, n124, s129/123, mb3.2/12, MS2.8/3, Off east coast of Kamchatka Peninsula

Main table of station data for 2020 JUN, including call signs like SPN, SPN, NLC, SDR, and various frequencies and coordinates.

1856

Table of station data for 1856, including call signs like COLA, ILAR, ILAR, and various frequencies and coordinates.

IDC 30 01:28.02, 1+0.6, 33.17S: 177.57W, h0km, mb4.0/9, mbmp4.2/14, M3.3/94, MS3.6/8, Error ellipse: s-maj=20.9km, s-min=16.7km, az=110.0, NEIC 30 01:28.04, 7.1, 1.8, 33.12S: 0.08, 177.6W: 0.2, h10km, 1km, mb4.4/9, Error ellipse: s-maj=22.9km, s-min=11.7km, az=107.0, WEL 30 01:28.04, 5.0, 8.3, 33.7S: 177.57W, h18km, 34km, M4.5/18, mb4.8/11, M5.0/22, Mlv5.2/18, Mw(mB)4.1/11, Error ellipse: s-maj=19.8km, s-min=4.2km, az=113.3, confirmed

NOU 30 01:28.25, 3.4, 36.6S: 178.56W, h104km, Mlv4.9/13, South of Kermadec Islands, ISC 30 01:28.03, 5.0, 5.3, 33.14S: 0.05, 177.72W: 0.09, h10km, n106, s181/122, mb4.3/12, MS3.8/6, 1C-2D, South of Kermadec Islands

Table of station data for 1856, including call signs like Code, Station Name, and various frequencies and coordinates.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like URZ Urewera, OPRZ Ohinepanea, SHANNON Shannon Statio, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like BRTR Keskin Array B, TORZ Torodi Ar. Bea, SNET 30 01:28:33.0, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Includes stations like YKA Yellowknife Ar, ISK 30 01:50:36.7, etc.

30d 1h

Table with columns: SJJ, Sorong, 20.41 228 P, Pn, 01 59 09.7 -0.8, etc. Lists various stations and their coordinates and status.

2020 JUN

Table with columns: AB31, Akbulak array, 77.80 318 P, Iamb, P, 02 06 28.6 +0.7, etc. Lists stations and their coordinates and status.

1858

Table with columns: YSS, comp=N, 100nm, 15.0s, MLR, MLR, etc. Lists stations and their coordinates and status.

30d 1h

2020 JUN

1860

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like Kununurra, Fitzroy Crossi, Chengdu, LuoYang, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like Matsushiro Arr, Matsu-Tunnel, Gaotai, etc.

Table with columns: Station Name, Frequency, Power, Mode, and other parameters. Includes stations like Nilore, Shalkode, Huro Makira, etc.

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, and various station codes (MNK, FINES, GRES, etc.).

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, and various station codes (REDR, LOVI, RCC, etc.).

Table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, ISC, and various station codes (PTVM, AZVM, CAIG, etc.).

30d 5h

2020 JUN

1864

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like GLA Glamis, S22A 4UR Flin Cr, M40A Maddies Statio, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like ULM Lac du Bonnet, NEW Newport, FFC Flin Fin, etc.

Table with columns: Code, Station Name, Azimuth, Phase, ID, Time, Res. Includes stations like n35.0074/57, Guatemala, AVCB Coban, ZAFR2 Estanzuela, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, and various station codes (CMARA, Lajas Hojanca, etc.).

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, and various station codes (GLKZ, Green Lake, Raoul Island, etc.).

Table with columns: Code, Station Name, Az, Az', Phase ID, Time Res, ISC, and various station codes (MARNC, Ouen Island, Mont Dzumak, etc.).

NOU 30 05:44:35.6, 32.67S, 176.83W, h53km, mb4.9/11, South of Kermadec Islands
WEL 30 05:44:51.1, 0.7, 34.54, 177.7W, 1.0, h12km, M4, 7/35, mB5.1/21, ML5.3/36, MLV5.4/35, Mw(mB)4.5/21, Error ellipse: s-maj=13.8km s-min=3.2km az=110.4, confirmed
MOS 30 05:44:52.6, 1.3, 33.93S, 177.36W, h10km, mb5.0/13, Error ellipse: s-maj=13.8km s-min=11.8km az=96.5
IDC 30 05:44:52.8, 0.5, 34.07S, 177.45W, h0km, mb4.7/17, mbmp4.7/20, ML5.0/3, MS3.6/18, Error ellipse: s-maj=16.7km s-min=10.3km az=103.0
NEIC 30 05:44:53.9, 1.0, 33.98S, 0.05-177.3W, 0.1, h10km, 1km, mB5.0/68, Error ellipse: s-maj=18.5km s-min=3.6km az=66.0
GCMT 30 05:44:54.9, 0.3, 34.05S, 0.04-177.09W, 0.03, h15km, 1km

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like TROLL, SNAAS, ANAA, etc.

Table with columns: LZH, HYB, DGZ, MK31, MKAR, ZALV, KURK, KURBB, AAK, BAVR, SPITS, ARTI, ARCES, BELG, AKT, KLMR, VRH, KBZ, MOS, KIV, LPSR, VORR, OBN, VSR, VORD, FINES, LABN, ERBR, VSU, DBIC, NBZ, NOA, MMAI, HFS, AKASO, AKASG, BRTR, KWP, TORD, OJC, NIE, KSP, MORC, UPC, UPR, DPC, DRC, KRCL, VYHS, VYHS, JAVC, VRAC, KRUC, NKC, NKC, ZVC, KHC, KHC, RONA, GERES, ARSA, MOA, SESA, SOKA, LESA, WTTA, RETA, MOTA, ABTA, SQTA, FETA. Rows include stations like Hydrababd, Jazator, Makanchi Array, etc.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, h, m, s, ISC. Rows include stations like ASRS, IDC, ZALV, KURBB, MKAR, etc. Includes detailed event information for ASRS 30 06:05:58.0 and IDC 30 06:09:59.2.

Mu: 1.14+ 12: Best double couple: Mu: 3.74500+1016
NP1: 0.8, 0.00000+, 0.27, 0.00000+, 1-13, 0.00000+, NP2:
0.234, 0.00000+, 0.70, 0.00000+, 1-13, 0.00000+, Principal axes:
T 3.5640, Plg23.00000+, Azm309.00000+, N 0.3600,
Plg18.00000+, Azm47.00000+, P -3.9260, Plg60.00000+,
Azm172.00000+, nst1 refers to body waves, cutoff=40s.
nsta2 refers to surface waves, cutoff=50s. Triangular
moment-rate function

ISC 30.06:27.10.7+0.8, 8.49S:0.03:121.47E:0.03:h192km2x3km,
n588, e1961/607, mb5.0/156, 16C-5D, Flores region

Table with columns: Code, Station Name, A* AZ, Phase ID, Op, ISC, H, T, S, Res. Lists various seismic stations and their parameters.

Table with columns: WRA, Warramunga Arr, 16.88 134, P, P, 06 30 54.7 -0.1. Lists seismic events with station names and magnitudes.

Table with columns: QLP, Quilpie, 28.11 133, P, P, 06 32 46.0 +1.3. Lists seismic events with station names and magnitudes.

1875

Table with columns: MRKS, 3.8nm, 0.1s, eS, Sg, 10 10 34.0 +1.1, etc.

GCG 30 10:14:09.6:1.2, 13:72N:90:93W, h40km, 80km, MD3.7, MW2.8, Presumed earthquake

SNET 30 10:14:11.1:1.1, 13:60N:90:82W, h19km, ML2.8, Presumed earthquake

ISC 30 10:14:12.3:1.8, 13:71N:0:09:90:77W, 0:06, h29km, 14km, n14, c1827/19, Near coast of Guatemala

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

ISC 30 10:20:14.7:2.7, 6:98S:129:71E, h92km, 30km, mb3.5/3, mbtmp3.8/7, Error ellipse: s-maj=50.7km s-min=18.7km az=81.0

ISC 30 10:20:14.3:0.9, 7:01S:0:07:130:0E:0.2, h100km, n7, c361/9, mb3.6/3, Tanimbar Islands region

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

AZER 30 10:33:05.2, 40:53N:45:28E, h10km, m3/0, TIF 30 10:33:06.9, 40:60N:45:11E, h9km, 1km

MOS 30 10:33:06.0:1.5, 40:51N:45:09E, h8km, mb3.6/1, Error ellipse: s-maj=9.3km s-min=4.4km az=78.0

DRS 30 10:33:08.9, 40:54N:45:32E, h0km, 1km

ISC 30 10:33:05.9:1.2, 40:56N:02:45:20E:0:02, h3km, 10km, n81, c144/151, 1C, Eastern Caucasus

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

2020 JUN

Main table with columns: ARTI, Arti, 18.04, 24, iP, Pn, Pmax, etc.

30d 10h

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

HEL 30 11:31:17.3:0.1,63.98N:28.08E,h0km,ML1.5,Suspected explosion
IDC 30 11:31:18.1:2.0,63.91N:28.32E,h0km,mbtm2.8/2,ML2.0/2,Error ellipse: s-maj=46.8km s-min=10.6km az=96.0

ISC 30 11:31:16.0:0.7,63.96N:0.02:28.10E:0.03,h0km,n34,a=121518,Finland

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

IDC 30 11:39:15.6:0.7,23.46N:143.33E,h0km,mb3.9/17,mbtm3.9/20,ML3.6/3,MS3.3/9,Error ellipse: s-maj=22.1km s-min=14.9km az=88.0

NEIC 30 11:39:22.7:1.4,23.52N:0.08:143.2E:0.2,h40km,7km,mb4.4/30,Error ellipse: s-maj=24.0km s-min=8.5km az=110.0

ISC 30 11:39:21.7:0.6,23.52N:0.07:143.2E:0.1,h39km,n66,-081/50,mb4.4/32,MS3.2/7,Volcano Islands region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for the NEIC and ISC events.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for the 2020 JUN events.

IDC 30 12:05:31.0:0.8,6.40S:149.43E,h52km,63km,mb2.9/1,mbtm3.6/3,ML3.1/2,Error ellipse: s-maj=123.2km s-min=50.1km az=125.0,New Britain region

IDC 30 12:10:46.7:0.6,24.23S:67.22W,h180km,5km,ML4.3,MM4.1

IDC 30 12:10:47.9:2.2,24.12S:66.94W,h176km,21km,mb3.8/10,mbtm4.3/14,Error ellipse: s-maj=20.0km s-min=13.8km az=74.0

NEIC 30 12:10:47.0:1.7,24.30S:0.06:67.20W:0.09,h175km,6km,mb4.5/19,ML4.5(GUC),Error ellipse: s-maj=11.9km s-min=8.3km az=100.0

GUC 30 12:10:48.3:0.7,24.20S:67.47W,h205km,10km,ML4.5,Presumed earthquake

ISC 30 12:10:46.8:0.5,24.21S:0.03:67.24W:0.04,h180km,5km,n139,r160/164,mb4.3/16,SC-9D,Chile-Argentina border region

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for the IDC, NEIC, and ISC events.

Table with columns: Code, Station Name, Az, Az', Phase ID, Time, Res, ISC. Lists seismic stations for the 30d 12h events.

Table with columns: Code, Station Name, Az, Phase ID, Time, Res. Includes stations like BORK Borvoeye, AB31 Akbulak array, etc.

ADC 30 12:18:44.3:0.6, 15:105x173:53W, h0km, mb3.9/8, mbtmp3.9/9, ML4.2/1, MS2.9/1, Error ellipse: s-maj=50.4km

ISC 30 12:18:48.6:0.8, 15:05:0.3:173:4W:0.2, h30km, n13, r174/10, mb3.9/8, Samoa Islands region

Main table of station data for the Samoa Islands region, including stations like AFI Afiamalu, MSVF Nonsavu, H11S2 WAKE ISLAND Hy, etc.

HEL 30 12:23:03.6:0.1, 65:71N:22:10E, h0km, ML4.4, Explosion IDC 30 12:23:05.6:2.8, 65:67N:22:40E, h0km, mbtmp2.9/1, ML2.0/1, Error ellipse: s-maj=54.4km s-min=9.5km az=84.0

ISC 30 12:23:04.0:0.9, 65:71N:02:22:27E:0.04, h0km, n20, r152/33, Sweden

Main table of station data for the Sweden region, including stations like ERTU Ersta, ERTU Tornio, OFBF Ulkokalla, etc.

TAP 30 12:33:04.6, 23:11N:121:34E, h17km, ML3.2, B. Taiwan

Main table of station data for the Taiwan region, including stations like CHKT Chengkung, CHKH Chengggong, FULB Fuli, etc.

Main table of station data for the Tonga region, including stations like TWG Pinlang, TWG Ruisui, EHY Hungye, etc.

JMA 30 12:33:19.9:0.2, 24:9N:0:9:123:4E:0.5, h23km, 4km, MD4.5/13, MV3.9/13, NW OFF ISHIGAKIJIMA IS

NIED 30 12:33:19.9:24:90N:123:41E, h23km, MV4.2, Moment Tensor solution. Scale: 10^15Nm

NEIC 30 12:33:20.3:1.2, 24:92N:0:123:36E:0:07, h10km, 1km, mb4.4/18, Error ellipse: s-maj=13.6km s-min=3.7km az=127.0

IDC 30 12:33:25.2:3.0, 24:88N:123:41E, h49km, 31km, mb3.8/19, mbtmp4.1/21, ML2.9/2, MS3.3/13, Error ellipse: s-maj=20.3km s-min=15.1km az=66.0

ISC 30 12:33:20.0:1.4, 24:87N:0:06:123:42E:0:03, h13km, 10km, n70, r0997/68, mb4.2/25, MS3.2/9, Southwestern Ryukyu Islands

Main table of station data for the Southwestern Ryukyu Islands region, including stations like YONJON Yonaguni jima, YONJON Yonaguni jima, etc.

Main table of station data for the IIRIF region, including stations like IIRIF Iriomote-Funau, IIRIF Kuro-shima, IIRIF Ishigaki jima, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other technical details. Includes stations like Q32M, U3LK, C36M, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other technical details. Includes stations like KIV, SHA1, GNI, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, Status, and other technical details. Includes stations like SFJD, HWUT, DUG, etc.

30d 15h

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Table with columns for station ID, name, coordinates, and various data points. Includes stations like TUMD, TUMR, KMINR, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like N14K, O14K, L15K, etc.

Table with columns for station ID, name, coordinates, and various data points. Includes stations like KDAK, STLK, I21K, etc.

H11S2	WAKE Island Hy	33.05	163	T	T	16 30 02.9
SCRK	Sand Creek	33.05	44	P	P	15 55 12.4 -0.6
C27K	Jago River	33.11	33	P	P	15 55 13.0 -0.3
BMRM	Bremner River	33.12	49	P	P	15 55 14.0 +0.5
KAIM	Kayak Island	33.39	51	P	P	15 55 16.0 +0.2
L26K	Log Cabin Wild	33.43	45	P	P	15 55 16.5 +0.3
M26K	Nabesna, AK	33.67	47	P	P	15 55 18.5 +0.2
NJ2	Nanjing	33.81	251	eP	P	15 55 19.5 -0.2
MCARA	McCarty VSAT	33.81	48	P	P	15 55 20.0 +0.5
E27K	Coleen River	33.83	36	P	P	15 55 19.6 0.0
G27K	Doyon Strip	33.85	39	P	P	15 55 20.1 +0.4
CRQM	Cirque	33.87	49	P	I	15 55 20.9 +0.7
CRQE	Cirque	33.89	49	P	P	15 55 20.9 +0.6
H27K	Steamboat Moun	33.93	40	P	P	15 55 20.8 +0.3
I27K	Kandik River	33.94	41	P	P	15 55 20.5 -0.1
D27M	Malcolm River	34.06	34	P	P	15 55 21.5 -0.2
BCAR	Beaver Creek A	34.13	45	P	P	15 55 23.3 +1.0
M27K	Edge Creek, AK	34.20	46	I	I	15 55 25.6
M27K	Edge Creek, AK	34.20	46	P	P	15 55 23.0 0.0
MOY	Mondy	34.50	294	eP	P	15 55 25.6 0.0
F28M	Old Crow	34.50	37	P	P	15 55 26.1 +0.7
E28M	Babbage River	34.59	35	P	P	15 55 26.7 +0.6
I28M	Miner Creek	34.65	41	P	P	15 55 26.8 +0.1
BVCV	Beaver Creek	34.65	46	P	P	15 55 27.2 +0.5
YUK3	Moose Creek	34.95	47	P	P	15 55 29.8 +0.3
DAWY	Dawson	35.05	43	P	P	15 55 30.8 +0.6
E29M	Blow River	35.20	36	P	P	15 55 31.8 +0.4
H29M	Whitestone	35.20	39	I	I	15 55 33.1
H29M	Whitestone	35.20	39	P	P	15 55 32.0 +0.6
G29M	Pine Creek	35.27	38	I	I	15 55 34.2
G29M	Pine Creek	35.27	38	P	P	15 55 32.3 +0.3
O28M	Mount Upton	35.28	49	I	I	15 55 34.6
O28M	Mount Upton	35.28	49	P	P	15 55 33.0 +0.6
YUK8	Steele Glacier	35.38	48	P	P	15 55 33.8 +0.6
PINM	Pinnacle	35.40	50	P	P	15 55 34.1 +0.8
BRWY	Burwash Landin	35.70	48	P	P	15 55 35.9 +0.1
M29M	Somme Creek	35.74	46	I	I	15 55 38.2
M29M	Somme Creek	35.74	46	P	P	15 55 36.7 +0.5
L29M	L29M	35.77	45	I	I	15 55 38.7
L29M	L29M	35.77	45	P	P	15 55 36.5 +0.2
EPYK	Eagle Plains	35.85	39	P	P	15 55 37.3 +0.3
YUK4	Talbot Arm	35.89	48	P	P	15 55 37.5 -0.1
K29M	Barlow Dome	35.90	43	P	P	15 55 37.4 -0.2
G30M	tAoh Zraii Nji	35.97	38	I	I	15 55 40.3
G30M	tAoh Zraii Nji	35.97	38	P	P	15 55 37.9 -0.1
F30M	Barrier River	36.06	37	I	I	15 55 41.1
F30M	Barrier River	36.06	37	P	P	15 55 39.2 +0.4
YUK6	Outpost Mounta	36.12	48	P	P	15 55 39.8 +0.2
I30M	Mount Dempster	36.16	41	I	I	15 55 40.9
I30M	Mount Dempster	36.16	41	P	P	15 55 39.9 +0.2
J30M	Hart River	36.28	42	P	P	15 55 41.7 +0.9
M30M	Minto, Yukon	36.48	45	P	P	15 55 43.3 +0.9
HYT	Haines Junction	36.55	48	I	I	15 55 46.3
HYT	Haines Junction	36.55	48	P	P	15 55 43.7 +0.5
N30M	Aishikik Lake	36.59	47	P	P	15 55 43.9 +0.5
G31M	Satah River	36.74	38	P	P	15 55 44.9 +0.5
P29M	Windy Craggy	36.75	50	P	P	15 55 45.6 +0.9
INK	Inuvik	36.83	35	P	P	15 55 46.0 +0.9
NR1K	Noril'sk	36.84	326	LR	LR	16 11 23.6
F31M	Tsighehtic	36.86	37	P	P	15 55 46.1 +0.6
H31M	Peel River	36.87	40	P	P	15 55 46.3 +0.4
P30M	Million Dollar	36.99	49	P	P	15 55 47.3 +0.5
N31M	Braeburn, Yuko	37.20	47	I	I	15 55 51.6
N31M	Braeburn, Yuko	37.20	47	P	P	15 55 49.2 +0.7
O30N	Mendenhall	37.24	48	I	I	15 55 51.1
O30N	Mendenhall	37.24	48	P	P	15 55 49.5 +0.6
PLBC	Pleasant Camp	37.47	50	P	P	15 55 51.7 +1.0
M31M	Drury Creek, Y	37.65	46	I	I	15 55 54.7
M31M	Drury Creek, Y	37.65	46	P	P	15 55 52.9 +0.6
WHY	Whitehorse	37.84	48	P	P	15 55 54.7 +0.7
SKAG	Skagway	37.97	50	P	P	15 55 55.9 +1.0
N32M	Quiet Lake	38.54	47	P	P	15 56 00.4 +0.5
P32M	Atlin	38.72	49	P	P	15 56 02.0 +0.7
R32K	Eaglecrest	38.75	52	P	P	15 56 01.9 +0.3
SIT	Sitka	38.76	54	P	P	15 56 02.6 +1.0
MMPY	Sheldon Lake,	38.94	44	P	P	15 56 04.0 +0.8
P33M	Teslin, Yukon	38.95	48	I	I	15 56 06.7
P33M	Teslin, Yukon	38.95	48	P	P	15 56 03.9 +0.6
A36M	Sachs Harbour	39.06	29	I	I	15 56 05.4
A36M	Sachs Harbour	39.06	29	P	P	15 56 04.4 +0.4
Q32M	Nakina River	39.62	50	P	P	15 56 09.6 +0.5
C36M	Paulatuk	40.00	33	P	P	15 56 12.1 +0.4
R33M	Jennings River	40.10	49	I	I	15 56 16.5
R33M	Jennings River	40.10	49	P	P	15 56 13.6 +0.7

U33K	Whale Pass	40.24	54	P	P	15 56 14.4 +0.5
LZH	Lanzhou	40.54	270	eP	P	15 56 23.0 +6.1
LZH	LZH			pP	pP	15 56 42.0 -0.8
WTLY	Watson Lake, Y	40.88	47	I	I	15 56 21.6
WTLY	Watson Lake, Y	40.88	47	P	P	15 56 20.2 +1.0
DLBC	Dease Lake	40.91	50	P	P	15 56 20.2 +0.7
V35K	Ketchikan	41.34	55	P	P	15 56 24.2 +1.3
T35M	Bob Quinn	41.36	52	P	P	15 56 24.8 +1.6
WRGLY	Wrigley	42.12	42	P	P	15 56 30.9 +1.7
ZALV	Zalesovo Beam	42.57	304	P	P	15 56 32.6 -0.4
DGZ	Jazzator, Aita	43.13	297	iP	P	15 56 38.5 +0.7
DGZ	DGZ			pP	pP	15 56 38.5 +0.7
HOLB	Herborg	45.37	60	P	P	15 56 57.1 +1.6
WMQ	Urumqi	46.08	290	eP	LR	15 57 02.0 +0.8
YKAW3	Yellowknife Wh	46.08	40	I	I	15 57 01.6 +0.8
YKAW3	Yellowknife Wh			pP	pP	15 57 02.3
YKA	Yellowknife Ar	46.11	40	P	P	15 57 01.8 +0.7
YKA	Yellowknife Ar			PcP	PcP	15 57 38.6 +0.5
KURK	Kurchatov	47.47	302	I	I	15 57 11.0 -1.0
KURK	Kurchatov			I	I	15 57 13.3
KURK	Kurchatov	47.47	302	eP	P	15 58 40.7 -0.3
KURK	KURK			pP	pP	15 57 11.6 -0.3
KURBB	Kurchatov Arra	47.57	302	P	P	15 57 11.5 -1.2
KURBB	KURBB			PcP	PcP	15 58 40.7 -0.7
MK31	Makanchi Array	47.58	296	eP	P	15 57 13.2 +0.4
MKAR	Makanchi Array	47.58	296	P	P	15 57 11.6 -1.2
MKAR	MKAR			LR	LR	16 17 26.8
PZH	Panzhihua	48.28	262	P	P	15 57 19.5 +0.9
BVOR	Borovoye Array	50.46	309	P	P	15 57 33.2 -1.5
BORK	Borovoye	50.48	309	P	P	15 57 34.7 -0.2
BORK	Borovoye			pP	pP	15 57 34.7 -0.2
BLKN	Baker Lake	52.04	32	P	P	15 57 46.3 -0.1
BLKN	BLKN			I	I	15 57 47.2
WIFE	Three Sisters	52.63	64	I	I	15 57 53.4
ILON	Ilgoolik, Nuna	52.69	22	P	P	15 57 50.8 -0.3
ILON	ILON			I	I	15 58 07.7
PINE	Pine Mountain	53.29	63	I	I	15 57 58.9
YBH	Yreka Blue Hor	53.56	66	LR	LR	16 19 46.8
M02C	Callaitan	53.69	67	I	I	15 58 02.3
BOOM	Boomskeye usch	53.77	295	I	I	15 58 03.3
ARTI	Arti	54.02	317	LR	LR	16 22 25.7
ARTI	Arti	54.02	317	dP	P	15 57 58.0 -3.0
ARTI	ARTI			S	S	15 58 59.3
ARTI	ARTI			pP	pP	16 05 28.2 -3.1
AAK	Ala-Archa	54.51	296	LR	LR	16 22 08.4
AAK	Ala-Archa			pP	pP	15 58 05.2 +0.2
BMO	Blue Mountains	54.66	60	P	P	15 58 07.4 +1.4
BMO	Blue Mountains	54.66	60	P	P	15 58 07.4 +1.4
ARCOS	ARCCESS Array B	54.96	341	LR	LR	16 26 43.3
PLID	Pearl Lake	55.23	59	I	I	15 58 12.3
ORV	Oroville	55.65	68	I	I	15 58 15.0
CHTO	Chiang Mai	55.66	257	P	P	15 58 13.5 +0.1
CHTO	CHTO			I	I	15 58 15.5
CHTO	Chiang Mai	55.66	257	P	P	15 58 13.5 +0.1
CHTO	CHTO			pP	pP	15 58 13.5 +0.1
CMAR	Chiang Mai Arr	55.93	257	P	P	15 58 15.8 +0.5
CMAR	CMAR			pP	pP	15 58 32.5 -1.2
FFC	Filin Flon	55.95	43	I	I	15 58 15.6 +0.6
FFC	FFC			I	I	15 58 16.6
FFC	Filin Flon	55.95	43	P	P	15 58 15.6 +0.6
FFC	FFC			pP	pP	15 58 16.6
MFID	Camas Ranch	56.40	61	I	I	15 58 20.9
FCC	Fort Churchill	56.44	36	I	I	15 58 18.4 +0.1
FCC	FCC			I	I	15 58 19.4
FCC	Fort Churchill	56.44	36	P	P	15 58 18.4 +0.1
FCC	FCC			pP	pP	15 58 18.4 +0.1
SUMG	Summit	56.50	6	P	P	15 58 18.9 -0.2
SUMG	SUMG			I	I	15 58 36.7
SUMG	Summit	56.50	6	P	P	15 58 18.9 -0.2
SUMG	SUMG			pP	pP	15 58 18.9 -0.2
HLID	Hailey	57.09	60	I	I	15 58 26.1
BOZ	Bozeman (W)	57.26	57	I	I	15 58 27.0
NVAR	Mina Array Bea	58.27	67	P	P	15 58 33.1 +1.2
BTK	Batken	58.29	296	P	P	15 58 31.1 -0.7
BTK	BTK			I	I	15 58 33.0
BTK	Batken	58.29	296	P	P	15 58 31.1 -0.7
BTK	BTK			pP	pP	15 58 31.1 -0.7
MDPB	Devils Postpil	58.35	68	I	I	15 58 35.1
ELK	Elko	58.49	63	I	I	15 58 36.0
FXWY	Fox Creek	58.88	58	I	I	15 58 39.0
MOOW	Moose Ponds	58.96	58	I	I	15 58 39.6
LOHW	Long Hollow	59.12	58	I	I	15 58 40.9
HVU	Hansel Valley	59.17	61	I	I	15 58 40.7
DSP	Deep Springs	59.17	68	I	I	15 58 40.9
GAR	Garm	59.29	295	P	P	15 58 38.2 -0.6
AHID	Auburn Ranch	59.43	59	I	I	15 58 42.3
GWN	Gold Mountain	59.64	67	I	I	15 58 43.9
CWC	Cottonwood Cre	59.74	68	I	I	15 58 43.8
HWUT	Hardware Ranch	59.96	60	I	I	15 58 46.1

CHGR	Chuyangaron	60.18	296	P	P	15 58 44.0 -0.9
CHGR	Chuyangaron	60.18	296	P	P	15 58 44.0 -0.9
CHGR	CHGR			pP	pP	15 58 44.0 -0.9
PDAR	Pinedale Array	60.26	58	P	P	15 58 46.8 +1.2
PDAR	PDAR			pP	pP	15 59 04.0 -0.1
PDAR	Pinedale Array	60.26	58	P	P	15 58 46.3 +0.7
PDAR	PDAR			pP	pP	15 59 03.7 -0.4
FRB	Frobisher Bay	60.37	22	LR	LR	16 27 45.9
FURC	Furnace Creek,	60.44	68	P	P	15 58 48.0 +1.5
CLC	China Lake	60.45	69	I	I	15 58 47.9 +1.2
CLC	CLC			I	I	15 58 48.9
CLC	China Lake	60.45	69	P	P	15 58 47.9 +1.2
CLC	CLC			pP	pP	15 58 47.9 +1.2
TPNV	Topopah Spring	60.47	67	I	I	15 58 49.3
LRMC	Laurel Mtn Rad	60.63	69	I	I	15 58 49.9
GWY	Greenwater Val	60.74	68	I	I	15 58 51.0
PSUT	Pine Spring	60.77	64	I	I	15 58 50.

30d 17h

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and various data points for stations like FITZ, VRAC, MLR, PAOC, ASAR, T50A, BRTR, etc.

NNC 30 16:06:15.5:2.9, 42.37N:82.45E, h0km, mb3.8, mpv3.3, Error ellipse: s-maj=21.3km s-min=18.9km az=17.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and various data points for stations like PDGK, KNOS, KAPS, ARXS, etc.

KRSC 30 16:06:34.5:0.6, 55.55N:162.24E, h67km, mb18km, MI3.7, Near east coast of Kamchatka Peninsula

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and various data points for stations like KBTR, BZGR, MKZ, etc.

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mbtm3.4/2, Error ellipse: s-maj=281.1km s-min=64.5km az=162.0, South of Kermadec Islands

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

DJA 30 16:13:41.9:0.8, 3°N, 10°12'22"E, h538km, 10km, M4.0/13, mb4.5/2, mb3.9/6, MLV4.1/13, Mw(MB)3.7/2, Celebes Sea

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and various data points for stations like LUWI, TNTI, etc.

IDC 30 17:07:29.9:0.7, 6.17S:146°59E, h0km, mb3.5/2, mbtm3.5/4, ML3.1/1, Error ellipse: s-maj=96.9km s-min=51.1km az=41.0, Eastern New Guinea region

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

ECX 30 17:19:19.8:0.5, 32°23'N:115°27'W, h10km, 1km, MD3.4, ML3.5

MEX 30 17:19:21.0:0.4, 32°52'N:115°11'W, h32km, 23km, MD4.0, PAS 30 17:19:21.4:2.3, 32°23'N:101°11'W, h17km, 6km, Error ellipse: s-maj=2.3km s-min=1.5km az=114.0

NEIC 30 17:19:21.0:2.2, 32°21'N:101°11'W, h10km, 2km, ML3.0/47, ML3.2/116(PAS), Error ellipse: s-maj=3.1km s-min=2.4km az=133.0

ISC 30 17:19:20.7:0.8, 32°21'N:102°11'W, h18km, 3km, n91, i130/131, 17C-5D, California-Baja California border region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and various data points for stations like RHX, AGXS, GUVIX, etc.

DREC 30 17:19:43.1+89.0

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and various data points for stations like SNR, COA, YUH, etc.

NEIC 30 17:26:51.6:2.0, 21°8'S:0°1'x:176°4'W:0°1', h147km, 5km, mb4.5/34, Error ellipse: s-maj=18.8km s-min=15.2km az=171.0

NOU 30 17:26:55.6:2.1, 79S:176°14'W, h190km, mb4.6/18, Fiji Islands Region

IDC 30 17:26:56.9:2.3, 22°01'S:176°58'W, h177km, 19km, mb4.0/9, mbtm3.4/5/2, Error ellipse: s-maj=19.5km s-min=18.3km az=37.0

ISC 30 17:26:54.3:0.5, 21°9'S:0°06'176°41'W:0°08, h171km, n88, i180/86, mb4.5/23, IDJ, Fiji Islands region

Table with columns: Code, Station Name, Az, AzZ, Phase ID, Time, Res, and various data points for stations like MSVF, NIUE, RAO, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like MAREC, OUCNC, DZM, URZ, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like mb4.5/60, Error ellipse, KOUNC, MARNC, etc.

Table with columns: Code, Station Name, Az, Az2, Phase ID, Op, ISC, Time, Res, h, m, s, ISC. Includes stations like K15K, YAK, ULN, etc.

30d 18h

TLWR Talawar	1.16 182	eP	Pb	18 02 50.2 +1.8
TLWR		eS	Sb	18 03 08.2 +5.2
TLWR		IAML		18 03 11.7
comp=E,1µm,0.5s				
TLWR		IAML		18 03 11.9
comp=N,2µm,0.3s				
SRNI Srinagar	1.36 313	eP	Pb	18 02 52.5 +0.6
SRNI		eS	Sb	18 03 11.5 +2.5
SRNI		IAML		18 03 20.4
comp=E,16µm,0.4s				
SRNI		IAML		18 03 20.5
comp=N,18µm,0.2s				
ALCI Alci Leh	1.47 42	eP	Pb	18 02 53.9 +0.1
ALCI		eS	Sb	18 03 13.1 +0.8
ALCI		IAML		18 03 16.7
comp=E,4µm,0.5s				
ALCI		IAML		18 03 16.9
comp=N,3µm,0.6s				
BHK Bhabra	1.75 169	eP	Pb	18 02 59.6 +1.3
BHK		eS	Sb	18 03 24.7 +4.8
BHK		IAML		18 03 27.2
comp=N,7µm,0.5s				
BHK		IAML		18 03 28.1
comp=E,8µm,0.3s				
KLP Kalpa	2.48 129	eP	Pn	18 03 08.6 +3.0
KLP		eS	Sb	18 03 39.3 -1.8
KLP		IAML		18 03 52.5
comp=N,4µm,1.0s				
KLP		IAML		18 03 56.4
comp=E,3µm,0.4s				
UTK Uttarkashi	3.16 138	eP	Pb	18 03 19.4 -3.0
UTK		eS	Sn	18 03 55.7 +4.0
UTK		IAML		18 03 58.5
comp=N,2µm,0.4s				
UTK		IAML		18 04 00.3
comp=E,3µm,0.3s				
KKR Kurukshetra	3.22 167	eP	Pn	18 03 18.2 +2.6
JOSI Joshimath	3.96 129	eP	Pn	18 03 30.0 +4.0
JOSI		eS	Sn	18 04 14.3 +2.7
JOSI		IAML		18 04 20.9
comp=N,2µm,0.3s				
JOSI		IAML		18 04 23.2
comp=E,2µm,0.4s				
BHGR Bahadurgarh	4.49 169	eP	Pn	18 03 36.0 +2.9
NDI New Delhi	4.54 166	eP	Pn	18 03 36.9 +3.2
NDI		eS	Sn	18 04 27.4 +1.8
NPLP NPLP New Delhi	4.58 167	eP	Pn	18 03 37.3 +3.1
NPLP		eS	Sn	18 04 27.9 +1.5
NPLP		IAML		18 04 32.6
comp=E,2µm,0.2s				
NPLP		IAML		18 04 32.9
comp=N,2µm,0.2s				
LDR Lodi Road	4.64 167	eP	Pn	18 03 38.2 +3.2
AYAN Aya Nagar	4.72 168	eP	Pn	18 04 32.4 +3.4
AYAN		eS	Sn	18 04 31.4 +1.3
SONA Sona	4.94 169	eP	Pn	18 03 42.7 +3.5
SONA		eS	Sn	18 04 37.4 +1.9
SONA		IAML		18 04 40.2
comp=E,2µm,0.3s				
SONA		IAML		18 04 41.0
comp=N,1µm,0.3s				
KUDL Kundal	4.97 175	eP	Pn	18 03 42.4 +2.7
KUDL		eS	Sn	18 04 38.9 +2.7
PTH Pithoragarh	5.03 133	eP	Pn	18 03 43.6 +2.5
UGON Onchagarh	5.07 181	eP	Pn	18 03 43.4 +2.5
UGON		eS	Sn	18 03 44.6 +3.1
LGTI Lohaghat	5.10 136	eP	Pn	18 04 41.6 +2.0
LGTI		eS	Sn	18 04 41.6 +2.0
LGTI		IAML		18 04 48.7
comp=E,1µm,0.4s				
LGTI		IAML		18 04 51.7
comp=N,1µm,0.4s				
BKNR Bikaner	5.60 205	eP	Pn	18 03 48.8 +0.5
BKNR		eS	Sn	18 04 50.4 -1.2
BKNR		IAML		18 04 54.6
comp=N,2µm,0.5s				
BKNR		IAML		18 04 55.3
comp=E,2µm,0.6s				
MANEM Manem	5.65 323	eP	Pn	18 03 50.6 +1.4
MANEM		Sn		18 04 52.4 +0.6
KBL Kabul	5.96 286	eP	Pn	18 03 55.0 +1.6
KBL		Sn		18 04 58.3 -2.5
KBL		Sn		18 03 55.0 +1.6
KBL		Sn		18 04 58.3
KSH2 Kashi	6.03 357	eP	Pn	18 03 59.9 +5.5
KSH2		S	Smax	18 05 09.0 +6.6
KSH2		Smax		
comp=E,140nm,0.5s				
KSH2		Smax		
comp=E,100nm,0.7s				
AJM Ajmer	6.78 190	eP	Pn	18 04 05.7 +1.2
AJM		eS	Sn	18 05 21.0 +0.3
DRK Karamyk	7.20 333	eP	Pn	18 05 29.7 -1.6
GAR Garm	7.46 324	eP	Pn	18 04 14.2 +0.3
GAR		Pn		18 04 18.8 -0.0
SHAA Shahritus	7.81 307	eP	Pn	18 04 19.2 +0.3
CHGR Chuyargaron	7.83 317	iP	Pn	18 04 20.1 +1.4
CHGR		Pn		18 04 26.4 +2.2
DANN Dangsing	8.20 123	eP	Pn	18 05 54.1 -1.9
DANN		Sn		18 04 29.6 +2.0
comp=N,2µm,0.5s				
DANN		Sn		18 06 00.9 -1.3
comp=N,198nm,0.6s,baz=131,slow=0.0				
KOLN Koldana	8.45 127	eP	Pn	18 04 29.6 +2.0
KOLN		Sn		18 06 00.9 -1.3
comp=N,131,slow=0.0				
KOLN		Sn		18 06 00.9 -1.3
comp=E,198nm,0.6s,baz=131,slow=0.0				
GUNA GUNA	8.52 172	eP	Pn	18 04 29.6 +1.1
GUNA		eS	Sn	18 05 59.4 -4.2
GUNA		IAML		18 06 02.0
comp=N,1µm,0.5s				
GUNA		IAML		18 06 02.1
comp=N,1µm,0.3s				
TARG Taragay, Kyrgy	8.71 9	eP	Pn	18 04 33.9 +2.5
TARG		Pn		18 04 33.9 +2.5
UDRP Udaipur	8.74 194	eP	Pn	18 04 32.5 +1.0
KDJ Kajisay	9.04 6	eP	Pn	18 04 37.9 +2.2
KDJ		Pn		18 04 37.9 +2.2
UCH Uchtor	9.17 353	eP	Pn	18 04 40.1 +2.4
UCH		Pn		18 04 39.4 +0.5
SNR=25				18 06 16.0 -6.5
ALBI Allahabad	9.29 145	eP	Pn	18 04 41.5 +1.5
ALBI		Sn		18 04 44.0 +1.5
BOOM Boomsokoye usch	9.36 360	eP	Pn	18 04 44.0 +1.5
BOOM		Pn		18 04 44.0 +1.5
PRZ Przheval'sk	9.54 11	eP	Pn	18 04 44.0 +1.5
PRZ		Pn		18 04 45.6 +2.9
PRZ Przheval'sk	9.54 11	eP	Pn	18 04 45.6 +2.9
KBK Karagaybulak	9.56 355	eP	Pn	18 04 45.6 +2.9
KBK		Pn		18 04 45.8 +2.8
SNR=32				
AAK Ala-Archa	9.58 353	eP	Pn	18 04 45.7 +2.8
AAK		Pn		18 06 26.1 -3.6
comp=N,8.0nm,0.3s,baz=179,slow=8.7,SNR=64				
AAK		Pn		18 06 26.1 -3.6
comp=N,2.2nm,0.3s,baz=297,slow=17,SNR=1.6				
AAK		LR		18 08 42.4
comp=N,41nm,18.5s,baz=182,slow=40				
AAK		LR		18 08 42.4
comp=N,144nm,0.5s				
AAK		Pn		18 04 44.2 +1.2
AAK		Pn		18 06 26.1 -3.6
AAK		Pn		18 04 45.6 +2.6
comp=N,2.27nm,0.5s				
DMN Daman	9.59 123	eP	Pn	18 04 43.9 +0.6
DMN		Pn		18 06 26.9 -3.4
DMN		Sn		18 04 44.6 +1.1
comp=N,118nm,0.5s,baz=126,slow=0.0				
DMN		Sn		18 06 26.9 -3.7
comp=N,126,slow=0.0				
DMN		Sn		18 04 48.6 +4.1
comp=N,126,slow=0.0				
DMN		Sn		18 04 46.3 +1.2
FRU1 Bishkek	9.74 354	eP	Pn	18 04 46.3 +1.2
FRU1		Pn		18 04 48.9 +2.9
TKM2 Tokmak 2	9.79 358	eP	Pn	18 04 47.6 +1.2
TKM2		Pn		18 06 32.3 -3.5
SNR=36				
PKIN Pichukoi	9.82 122	eP	Pn	18 04 47.9 +1.3
PKIN		Sn		18 06 32.3 -3.9
comp=N,190nm,0.6s,baz=125,slow=0.0				
PKIN		Sn		18 04 50.0 +2.6
comp=N,125,slow=0.0				
PKI Pulchok	9.83 122	eP	Pn	18 04 47.9 +1.3
PKI		Sn		18 06 32.3 -3.9
comp=N,87nm,0.3s,baz=125,slow=0.0				
PKI		Sn		18 04 50.0 +2.6
comp=N,91,slow=0.0				
CHMS Chumysh	9.91 355	eP	Pn	18 04 48.2 +0.6
CHMS		eS	Sn	18 06 32.9 -5.1

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GUN Gumba	9.97 119	Pn	Pn	18 04 49.5 +0.9
comp=N,122,slow=0.0				
USP Ozenovka	10.20 354	P	Pn	18 04 53.4 +2.0
USP		Pn		18 04 54.4 +0.7
SNR=16				
JIRN Jiri	10.34 119	Pn	Pn	18 04 54.4 +0.7
JIRN		Sn		18 06 43.9 -5.0
comp=N,141nm,0.5s,baz=122,slow=0.0				
PDGK Podgorny	10.56 14	P	Pn	18 04 58.2 +1.8
PDGK		P		18 04 58.9 +2.4
PDGK Podgornoye	10.56 14	P	Pn	18 06 53.7 0.0
PDGK		Sn		18 04 58.8 +0.7
EVN Everest	10.65 116	eP	Pn	18 04 58.8 +0.7
EVN		Pn		18 05 00.1 -0.3
KK31 Karatay Array	10.86 338	eP	Pn	18 05 00.1 -0.3
KK31		S		18 05 00.1 -0.3
KK31 Karatay Array	10.86 338	eP	Pn	18 05 00.1 -0.3
KK31		S		18 05 00.2 -0.3
KKAR Karatay Array	10.86 338	eP	Pn	18 05 03.5 +0.2
KKAR		Pn		18 07 00.6 -5.4
RAMN Ramite	11.05 121	Pn	Pn	18 07 00.6 -5.4
RAMN		Sn		18 05 07.0 +0.5
comp=N,124,slow=0.0				
RAMN		Sn		18 05 12.3 +0.5
comp=N,117nm,0.4s,baz=124,slow=0.0				
BHUJ Bhuj	11.30 211	eP	Pn	18 05 07.0 +0.5
BHUJ		Pn		18 07 15.8 -5.5
ODAN Odare	11.67 119	eP	Pn	18 05 15.8 -5.5
ODAN		Sn		18 05 18.7 -0.2
comp=N,122,slow=0.0				
ODAN		Sn		18 07 26.9 -7.1
comp=N,122,slow=0.0				
NGP Nagpur	12.21 166	eP	Pn	18 05 18.7 -0.2
NGP		eS		18 05 23.1 +1.5
NGP		Pn		18 07 32.5 -6.3
AKL Akola	12.40 176	eP	Pn	18 05 23.1 +1.5
AKL		S		18 05 54.5 +2.9
WMQ Wumqi	14.06 37	eP	Pn	18 05 54.5 +2.9
WMQ		S		18 08 21.0 +1.8
WMQ		Smax		
comp=N,2.26nm,0.7s				
WMQ		LR		18 05 48.1 -0.8
comp=N,300nm,10.1s				
WMQ		LR		18 05 48.1 -0.8
comp=N,300nm,13.1s				
WMQ		LR		18 05 49.0 -0.8
comp=N,2.250nm,16.5s				
MAK Makanchi	14.41 17	Pn	Pn	18 05 48.1 -0.8
MAK		Pn		18 05 49.0 -0.8
MAK31 Makanchi Array	14.48 18	iP	Pn	18 05 49.0 -0.8
MAK31		Pmax		18 05 49.0 -0.8
comp=N,3.0nm,0.4s				
MAK31		Pmax		18 05 49.0 -0.8
comp=N,2.15nm,0.3s,baz=195,slow=12,SNR=60				
MKAR Makanchi Array	14.48 18	Pn	Pn	18 05

30d 18h

L14K	Kuka Creek baz=312	74.56	25	P	P	18 14 04.6 +1.9
H21K	Melozitna Rive	74.59	19	P	P	18 14 04.0 +1.1
H21K	comp=Z,5.8nm,0.8s			Iamb	Iamb	18 14 05.9
H21K	Melozitna Rive baz=319,SNR=8.8	74.59	19	P	P	18 14 04.6 +1.8
I20K	Naagdeneel	74.77	20	P	P	18 14 06.1 +2.2
H22K	Ishallitna Cre baz=320	74.79	18	P	P	18 14 06.1 +2.1
F25K	Christian River baz=325,SNR=5.5	74.82	15	P	P	18 14 06.3 +2.0
M13K	Dall Lake baz=312	74.94	26	P	P	18 14 07.3 +2.3
J19K	Poorman comp=Z,9.9nm,1.1s	75.03	21	Iamb	Iamb	18 14 07.8
J19K	Poorman baz=317,SNR=5.9	75.03	21	P	P	18 14 07.9 +2.5
F26K	Sheenjek River baz=326	75.06	15	P	P	18 14 07.8 +2.1
K17K	Iditarod baz=315	75.11	23	P	P	18 14 08.1 +2.1
G24K	Hadweenciv Riv comp=Z,6.8nm,0.9s	75.13	16	Iamb	Iamb	18 14 16.1
G24K	Hadweenciv Riv baz=323	75.13	16	P	P	18 14 08.4 +2.4
E27K	Colea River baz=328	75.18	14	P	P	18 14 08.1 +1.9
I21K	Tanana	75.18	19	Iamb	Iamb	18 14 09.4
I21K	Tanana comp=Z,6.4nm,0.9s	75.18	19	P	P	18 14 08.9 +2.7
E28M	Babbage River baz=330	75.21	13	P	P	18 14 08.6 +2.1
M14K	Bethel baz=313	75.22	26	P	P	18 14 09.6 +3.0
H23K	Yukon River baz=322	75.32	18	P	P	18 14 09.2 +2.1
J20K	Nowinta River J20K	75.33	20	Iamb	Iamb	18 14 08.5 +1.4
J20K	comp=Z,7.4nm,0.6s	75.33	20	P	P	18 14 09.4 +2.2
G25K	Bearman Lake baz=325	75.40	16	P	P	18 14 09.6 +2.1
L16K	Owhat River comp=Z,7.9nm,0.8s	75.43	24	Iamb	Iamb	18 14 11.9
L16K	Owhat River baz=314,SNR=5.7	75.43	24	P	P	18 14 10.2 +2.4
L17K	Donlin baz=315,SNR=6.0	75.53	23	P	P	18 14 10.3 +2.0
MLY	Manley	75.63	19	Iamb	Iamb	18 14 11.8
MLY	comp=Z,7.1nm,1.0s	75.63	19	P	P	18 14 11.1 +2.2
MLY	Manley baz=321,SNR=6.1	75.63	19	P	P	18 14 12.3
E29M	Blow River comp=Z,5.2nm,0.8s	75.70	12	Iamb	Iamb	18 14 11.4 +2.2
E29M	Blow River baz=331	75.70	12	P	P	18 14 11.4 +2.2
M15K	Kasigliuk River baz=314	75.72	25	P	P	18 14 11.4 +1.9
H24K	Noodor Dome baz=323	75.72	17	P	P	18 14 11.4 +1.9
N14K	Kuskokwak Cree baz=313	75.89	26	P	P	18 14 12.6 +2.2
I23K	Minto, Yukon-K baz=322,SNR=5.1	75.90	18	P	P	18 14 12.6 +2.2
K20K	Telida comp=Z,5.6nm,0.9s	75.96	21	Iamb	Iamb	18 14 14.2
K20K	Telida baz=319	75.96	21	P	P	18 14 12.6 +1.7
L18K	Granite Mounta comp=Z,4.7nm,0.6s	75.99	23	Iamb	Iamb	18 14 14.2
L18K	Granite Mounta baz=317,SNR=5.4	75.99	23	P	P	18 14 13.6 +2.6
F28M	Old Crow baz=330	76.01	13	P	P	18 14 12.9 +1.9
CHUM	Lake Minchumin baz=320	76.08	20	P	P	18 14 13.7 +2.3
M16K	Timber Creek baz=311	76.09	24	P	P	18 14 14.7 +3.1
N15K	Kwethluk River baz=314	76.20	25	P	P	18 14 16.1 +3.3
G27K	Doyon Strip baz=328	76.34	14	P	P	18 14 15.0 +2.1
M17K	Holitna River baz=323	76.34	23	P	P	18 14 15.6 +2.6
M17K	Holitna River baz=316,SNR=5.5	76.34	23	P	P	18 14 16.3 +3.3
NEA2	Nemana baz=322,SNR=7.4	76.42	18	P	P	18 14 15.1 +1.7
POKR	Poker Plat Res baz=324	76.42	17	P	P	18 14 15.9 +2.5
CAST	Castle Rocks baz=320,SNR=16	76.50	20	P	P	18 14 15.8 +1.9
COLA	College baz=323	76.51	18	P	P	18 14 15.7 +1.9
INK	Inuvik comp=Z,11nm,1.2s	76.51	11	Iamb	Iamb	18 14 16.6
INK	Inuvik baz=335	76.51	11	P	P	18 14 15.6 +1.9
ILON	Ilgoolik, Nuna	76.52	352	P	P	18 14 14.3 +0.5
N16K	Nishlik Lake baz=315	76.55	25	P	P	18 14 17.1 +2.9
L19K	White Mountain L19K	76.60	22	Iamb	Iamb	18 14 16.8 +2.3
L19K	comp=Z,11nm,1.5s	76.60	22	P	P	18 14 17.0 +2.5
CCB	Clear Creek Bu WRA	76.70	18	P	P	18 14 15.7 +0.7
WRA	Warramunga Arr comp=Z,0.6nm,0.6s,baz=321,slow=6.2,SNR=12	76.70	125	P	P	18 14 17.4 +1.9
WRA	Warramunga Arr baz=320	76.70	125	P	P	18 14 16.7 +1.1
WRAB	Tennant Creek WRAB	76.70	125	Iamb	Iamb	18 14 13.8 -1.8
WRAB	comp=Z,14nm,1.3s	76.70	125	Pmax	Pmax	18 14 36.7
WRAB	comp=Z,14nm,1.3s	76.70	125	P	P	18 14 13.8 -1.8
F30M	Barrier River F30M	76.76	12	Iamb	Iamb	18 14 17.7
F30M	Barrier River baz=333	76.76	12	P	P	18 14 16.6 +1.4
C36M	Paulatuk comp=Z,6.2nm,0.7s	76.78	7	Iamb	Iamb	18 14 17.2
C36M	Paulatuk baz=343	76.78	7	P	P	18 14 16.5 +1.3
M18K	Stony River baz=318	76.81	23	P	P	18 14 18.4 +2.8
WR8	Warramunga Arr WR8	76.82	125	P	P	18 14 15.4 -0.8
WR8	comp=Z,14nm,1.4s	76.82	125	Iamb	Iamb	18 14 44.3
IL31	comp=Z,3.7nm,0.7s	76.83	17	Iamb	Iamb	18 14 17.6
ILAR	Eleisau Array comp=Z,2.7nm,0.5s,baz=315,slow=5.2,SNR=27	76.83	17	P	P	18 14 16.7 +1.0
H27K	Steamboat Moun baz=328	76.86	15	P	P	18 14 17.5 +1.6
PPLA	Purkeypile comp=Z,12nm,1.4s	76.87	21	Iamb	Iamb	18 14 35.7
PPLA	Purkeypile baz=320	76.87	21	P	P	18 14 18.1 +1.9
M19K	Big River Lodg baz=319	76.96	22	P	P	18 14 18.8 +2.3
G29M	Pine Creek baz=331	76.97	13	P	P	18 14 18.0 +1.5
TRF	Thorofare Moun baz=322	76.99	19	P	P	18 14 18.2 +1.4
N17K	Nushagak Hills baz=317	77.06	24	P	P	18 14 20.2 +3.1
HDA	Harding Lake baz=324	77.11	18	P	P	18 14 19.2 +1.9
MCK	McKinley baz=323	77.14	19	P	P	18 14 19.7 +2.2
G30M	taoh Zrai Nji baz=333	77.25	12	P	P	18 14 19.6 +1.5
F31M	Tsightchtchic baz=335	77.26	11	P	P	18 14 19.7 +1.7
J25K	Salcha River, J25K	77.34	17	P	P	18 14 19.7 +1.1
J25K	comp=Z,3.1nm,0.6s	77.34	17	Iamb	Iamb	18 14 20.1
J25K	Salcha River, baz=326,SNR=6.9	77.34	17	P	P	18 14 20.4 +1.7
M20K	Styx River baz=320	77.36	22	P	P	18 14 21.4 +2.5

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I27K	Kandik River baz=328	77.38	15	P	P	18 14 20.5 +1.7
N18K	Kilae Creek baz=318	77.38	23	P	P	18 14 21.8 +2.9
RND	Reinder comp=Z,11nm,1.4s	77.42	19	Iamb	Iamb	18 14 20.8
O16K	Kokkov River B baz=316	77.42	25	P	P	18 14 21.4 +2.3
H29M	Whitestone baz=321,SNR=0.6s	77.52	14	Iamb	Iamb	18 14 21.9
H29M	Whitestone baz=331	77.52	14	P	P	18 14 21.0 +1.5
L22K	Petersville comp=Z,0.9nm,0.7s	77.57	20	Iamb	Iamb	18 14 22.1
L22K	Petersville baz=321,SNR=5.9	77.57	20	P	P	18 14 21.7 +1.7
O17K	Koliganek Bris baz=322	77.64	24	P	P	18 14 22.2 +1.9
G31M	Satah River comp=Z,10nm,1.4s	77.64	12	Iamb	Iamb	18 14 22.7
G31M	Satah River baz=334	77.64	12	P	P	18 14 21.5 +1.3
EPYK	Eagle Plains baz=322	77.70	13	P	P	18 14 21.7 +1.1
N19K	Bonanza Creek comp=Z,7.6nm,1.0s	77.75	23	Iamb	Iamb	18 14 28.1
N19K	Bonanza Creek baz=319	77.75	23	P	P	18 14 22.2 +1.4
SKT	Skwentna comp=Z,11nm,1.1s	77.78	21	Iamb	Iamb	18 14 23.2
SKT	Skwentna baz=321,SNR=5.2	77.78	21	P	P	18 14 23.0 +1.9
CUT	Chulitna baz=322	77.81	20	P	P	18 14 22.5 +1.3
I28M	Miner Creek baz=330,SNR=5.2	77.87	15	P	P	18 14 23.4 +1.7
K24K	Donnelly Dome baz=325,SNR=7.3	77.91	18	P	P	18 14 23.2 +1.4
DHY	Denali Highway comp=Z,5.5nm,0.6s	78.08	19	Iamb	Iamb	18 14 25.6
DHY	Denali Highway baz=324,SNR=5.8	78.08	19	P	P	18 14 24.6 +1.7
RIDG	Independent Ri comp=Z,11nm,1.2s	78.19	17	Iamb	Iamb	18 14 25.4
RIDG	Independent Ri baz=326,SNR=5.7	78.19	17	P	P	18 14 24.7 +1.3
SCRK	Sand Creek SCRK	78.21	17	Iamb	Iamb	18 14 24.9 +1.3
SCRK	comp=Z,9.6nm,1.4s	78.21	17	P	P	18 14 25.4 +1.9
O18K	Koktuh Hills baz=327,SNR=5.6	78.22	24	P	P	18 14 25.5 +1.9
O18K	Koktuh Hills baz=318,SNR=6.9	78.22	24	P	P	18 14 26.5 +2.9
WAT6	Suana Watana baz=324	78.39	19	P	P	18 14 26.8 +2.2
P18K	Big Mountain, baz=318	78.56	24	P	P	18 14 28.4 +3.0
H31M	Pesi River baz=331	78.64	12	P	P	18 14 27.3 +1.5
PAX	Paxson comp=Z,5.9nm,0.7s	78.67	18	Iamb	Iamb	18 14 29.7
PAX	Paxson baz=326,SNR=9.8	78.67	18	P	P	18 14 27.9 +1.8
I30M	Mount Dempster baz=333	78.79	13	P	P	18 14 28.4 +1.6
SML	Sawmill baz=323	78.84	20	P	P	18 14 29.2 +2.2
ASAR	Alice Springs comp=Z,0.9nm,0.7s,baz=319,slow=5.4,SNR=12	78.94	128	P	P	18 14 30.2 +2.2
RC01	Rabbit Creek A baz=328	79.01	21	P	P	18 14 29.7 +1.8
M23K	Glacier View baz=324,SNR=6.8	79.03	20	P	P	18 14 30.2 +2.2
SCM	Sheep Creek Mo baz=329	79.11	19	P	P	18 14 30.3 +1.8
KNK	Knik Glacier comp=Z,6.9nm,0.6s	79.13	20	Iamb	Iamb	18 14 30.9
KNK	Knik Glacier baz=322	79.13	20	P	P	18 14 30.3 +1.8
L26K	Log Cabin Wild baz=327	79.16	17	P	P	18 14 30.4 +1.7
DAWY	Dawson baz=330	79.19	15	P	P	18 14 30.3 +1.4
M24K	Tolina, Glenn baz=325	79.20	19	P	P	18 14 31.2 +2.2
HARP	HAARP baz=326,SNR=5.7	79.23	18	P	P	18 14 31.5 +2.5
J30M	Hart River baz=333	79.37	14	P	P	18 14 31.7 +1.8
BRSE	Bradley Lake S baz=322	79.77	22	P	P	18 14 33.7 +1.6
KLU	Klutina baz=325	79.77	19	P	P	18 14 33.8 +1.7
M26K	Nabesna, AK baz=328	79.78	17	P	P	18 14 34.0 +1.9
K29M	Barlow Dome comp=Z,4.1nm,0.8s	79.78	14	Iamb	Iamb	18 14 35.0
K29M	Barlow Dome baz=332,SNR=7.0	79.78	14	P	P	18 14 33.8 +1.6
SEW	Seward baz=323	79.88	21	P	P	18 14 35.0 +2.5
N25K	Chitna, Valde baz=326	80.03	18	P	P	18 14 35.7 +2.2
M27K	Edge Creek, AK baz=329	80.09	17	P	P	18 14 35.9 +2.0
BVCY	Beaver Creek baz=329	80.29	16	P	P	18 14 37.2 +2.4
L29M	L29M baz=332,SNR=5.9	80.30	15	P	P	18 14 37.0 +2.1
EYAK	Cordova Ski Ar baz=333	80.60	19	P	P	18 14 38.9 +2.5
VRDI	Verde Repeater comp=Z,5.7nm,0.8s	80.65	18	Iamb	Iamb	18 14 39.9
KDAK	Kodiak Island baz=330	80.69	24	P	P	

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other seismic data. Includes stations like U15A, HWUT, O20A, MVCO, etc.

TEH 30 18:18:04.9,26.78N;57.81E, h5km, ML2.8, Presumed earthquake

OMAN 30 18:18:07.8, 1.7, 26.38N;57.99E, h10km, ml2/6/16, Error ellipse: s-maj=16.7km s-min=7.5km az=29.0

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other seismic data. Includes stations like JASK, KHNU, SHME, etc.

ISC 30 18:52:41.0, 1.5, 33.79S;178.17W, h0km, mb3.9/3,

Main table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other seismic data. Includes stations like RAO, RMX, MXZ, URZ, etc.

FUNV 30 18:55:28.2, 7.34N;73.44W, h8km, MW2.8, Presumed earthquake

ISC 30 18:55:31.0, 0.0, 7.7N;1.7, 73W, h148km, 2km, M2.4, MLL2.1

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other seismic data. Includes stations like BARC, PAMC, BRJC, etc.

ISC 30 19:31:14.2, 4.5, 14.25N;0.06;93.79W, 0.03, h7km, 29km, n86, #2011/12, mb4.0/11, MS3.3/5, Near coast of Chiapas

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Residual, and other seismic data. Includes stations like TGIG, HUIG, CMIG, etc.

ISC 30 19:37:32.1, 0.5, 2.3N;127.6E, h120km, 5km, M3.6/12, MLV3.6/12

ISC 30 19:37:35.8, 7.6, 1.51N;127.64E, h174km, 91km, mb3.1/5, mbmp3.5/6, Error ellipse: s-maj=156.7km s-min=19.6km

ISC 30 19:37:32.4, 1.0, 1.45N;0.07;127.18E;0.07, h150km, n12, #232/15, mb3.5/5, Halmahera

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like WRA Warramunga Arr, WRAB Tennant Creek, WBO Warramunga Arr, etc.

ISK 30 20:38:46.9, 26:79N, 27:29E, h8km, ML2.6/10
AFAD 30 20:38:47.3, 36:79N, 27:29E, h7km, 1km, ML2.3
ISC 30 20:38:47.9, 1.2, 36:81N, 0:04, 27:32E, 0.06, h11km, 7km, n21, c0561/34, Dodecanese Islands

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like YAZI Mula-Datša, YAZI Turunc, YAZI Datca, etc.

RSNC 30 21:13:22.9, 0.0, 7°N, 1°7'3W, h147km, 1km, M3.1, mb3.5, ML2.7
FUNV 30 21:13:24.1, 7:14N, 73:27W, h12km, MW3.3, Presumed earthquake
ISC 30 21:13:20.7, 1.3, 6:87N, 0:03, 73:13W, 0:04, h157km, 3km, n32, c1949/64, Northern Colombia

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like BARC Barichara, BRUC Barrancabermej, BRUC Barrancabermej, etc.

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

IDC 30 21:14:30.8, 0.7, 25:61S, 69:24W, h0km, mb4.0/10, mbmp4.0/12, ML4.0/2, Error ellipse: s-maj=28.2km s-min=18.2km az=100.0
GUC 30 21:14:31.8, 0.8, 25:56S, 69:36W, h3km, 4km, ML4.2
SUA 30 21:14:32.2, 0.6, 25:55S, 69:47W, h12km, 3km, ML4.2, MW3.9

NEIC 30 21:14:35.1, 2.3, 25:59S, 0:04, 69:45W, 0:07, h22km, 5km, mb4.4/9, ML4.2, (GUC), Error ellipse: s-maj=10.1km s-min=5.0km az=107.0
ISC 30 21:14:32.1, 1.5, 25:54S, 0:02, 69:39W, 0:03, h10km, 9km, n8, c1884/120, mb4.2/12, 6C-5D, Northern Chile

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like AC01 Pan de Azucar, AC01 Pan de Azucar, AC01 Pan de Azucar, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PB10 IPOC Station P, PB10 IPOC Station P, PB10 IPOC Station P, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like SALTA SALTA, VINCIN Vinchina, VINCIN Vinchina, etc.

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like PB03 IPOC Station P, LCO Las Campanas, LCO Las Campanas, etc.

NOU 30 21:17:15.8, 44:63S, 167:34E, h1km, MLV4.6/15, South Island, New Zealand
WEL 30 21:17:16.9, 0.6, 45:3°S, 167:8E, h5km, ML4.2/16, ML4.0/16, MLV4.2/16, Error ellipse: s-maj=5.4km s-min=3.0km az=125.6, confirmed

WEL 30 21:17:17.3, 44:67S, 167:53E, ML4.3, Mw3.9, Moment Tensor Solution. Moment tensor: Scale 10^15Nm; M1: 1.25; M2: -0.07; M3: 0.13; M4: 0.03; M5: -0.25; M6: -0.48; Fault plane solution: M1: 0.4000 x 10^15 NP1; q=213.00000, s=58.00000, l=69.00000, N2=0.69, 00000, d=37.00000, l=120.00000. Principal axes: T 0.9956, P169.0000, N=78.0000, Z=-2.6683, P18.0000, Azm224.0000, P: -0.7273, P1g11.0000, Azm318.0000; Stations used: DCZ, EAZ, FJZ, LBJ, MSZ, ODZ, PYZ, WYZ, WKZ, REVERSE FAULTING

ISC 30 21:17:16.1, 1.4, 44:63S, 0:04, 167:45E, 0:05, h10km, 10km, n61, c15117/3, South Island

Table with columns: Code, Station Name, Azimuth, Phase ID, Time, Res, ISC. Includes stations like MSZ Milford Sound, GLNY Glenorchy, GLNY Glenorchy, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like ODZ Otahua Downs, GCSZ Gaunt Creek Bo, HHSZ Highcliff Hill, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like HJA Humahuaca, HJA HJA, ACLC CERRO LA CRUZ, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like W50A Signal Mount, CPCT Cooper Cave, TKL Tuckaleechee C, etc.

IDC 30 21:21:45.7, 0.25:58S; 69:17W, h0km, mb4.5/17, mtbpm4.4/21, ML4.2/4, MS3.3/7, Error ellipse: s-maj=18.5km s-min=13.3km az=78.0

GUC 30 21:21:47.3, 0.7, 25:58S; 69:35W, h32km, 2km, ML4.9, NEIC 30 21:21:47.3, 0.7, 25:55S; 0.03:69.45W, 0.06, h10km, 1km, mb4.9/3, MWR4.3/32, MWR4.6(GUC), Error ellipse: s-maj=5.7km s-min=5.5km az=101.0 Moment tensor Solution: Moment tensor: Scale 10^15Nm; Mrr:2.68; Mss:0.40; Mss:3.08; Mss:0.63; Mss:1.13; Mss:0.72; Fault plane solution: M3.060000:10^15 NP1.13; Mw:16.60000; 540.03000; lambda:112.52000; NP2:phi:168.17000; phi:55.55000; lambda:72.17000; Principal axes: T 2.9295, Plg74.0000; Azm:26.0000; N 0.2393, Plg14.0000; Azm179.0000; P -3.1687, Plg7.0000; Azm271.0000;

SJA 30 21:21:47.6, 0.7, 25:58S; 69:48W, h12km, ML4.7, MW4.3, NEIC 30 21:21:49.1, 25:55S; 69:49W, h19km, VAO 30 21:21:49.2, 1.3, 25:55S; 69:29W, h36km, 7km, mb4.7, Presumed earthquake

ISC 30 21:21:45.8, 1.6, 25:49S; 0:02:69:30W, 0.03, h3km, gkm, h233, s1s46/239, mb4.9/56, MS3.1/4, 12C-4D, Northern Chile

Main table with columns: Code, Station Name, Azimuth, Azimuth Error, Phase ID, Time, Residual, and other technical details. Lists numerous stations and their parameters.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like BDON Bodoquena, AMBA Amambay, AQDB Aquidauana, etc.

Table with columns: Call Sign, Name, Frequency, Mode, Power, and other technical details. Includes stations like W50A Signal Mount, CPCT Cooper Cave, TKL Tuckaleechee C, etc.

30d 22h

Table with columns for station code, name, elevation, frequency, and other technical details. Includes stations like CTAO Charters Tower, BFZ Birch Farm, TUWZ Tuamarina, etc.

2020 JUN

Table with columns for station code, name, elevation, frequency, and other technical details. Includes stations like LEM Lembang, DBJI Dramaga, MJAR Matushiro Arr, etc.

1900

Table with columns for station code, name, elevation, frequency, and other technical details. Includes stations like ZEA Zeya, HILR Hailar, SII Sitkinak Island, etc.

30d 22h

Table of astronomical observations for 30 days and 22 hours. Columns include object name (e.g., G27K, C23K, A21K), coordinates, magnitude, and other parameters.

2020 JUN

Table of astronomical observations for 2020 June. Columns include object name (e.g., MNSK, AKASA, NOB2), coordinates, magnitude, and other parameters.

1902

Table of astronomical observations for 1902. Columns include object name (e.g., B10A, PERS, SOKA), coordinates, magnitude, and other parameters.

1905

Table of astronomical observations for 1905, listing station names, coordinates, and observation times.

2020 JUN

Gl 30 23:04:52.8+0.0, 33:556N, 0:001+34:926E, 0:001, h0km, Mws 1.9, confirmed

Table of astronomical observations for 2020 JUN, listing station names, coordinates, and observation times.

SJA 30 23:35:35.2+1.2, 24:18S, 66:86W, h228km, M.L4.0, MW3.9

NEIC 30 23:35:38.5+1.6, 24:05S, 0:03:66:8W:0.1, 1h188km, 7km, mb4.2/17, M.L4.1(GUC), Error ellipse: s-maj=17.1km

GUC 30 23:35:38.5+0.8, 24:01S, 67:30W, h224km, 7km, M.L4.1

IDC 30 23:35:38.5+0.8, 24:01S, 67:30W, h224km, 7km, M.L4.1

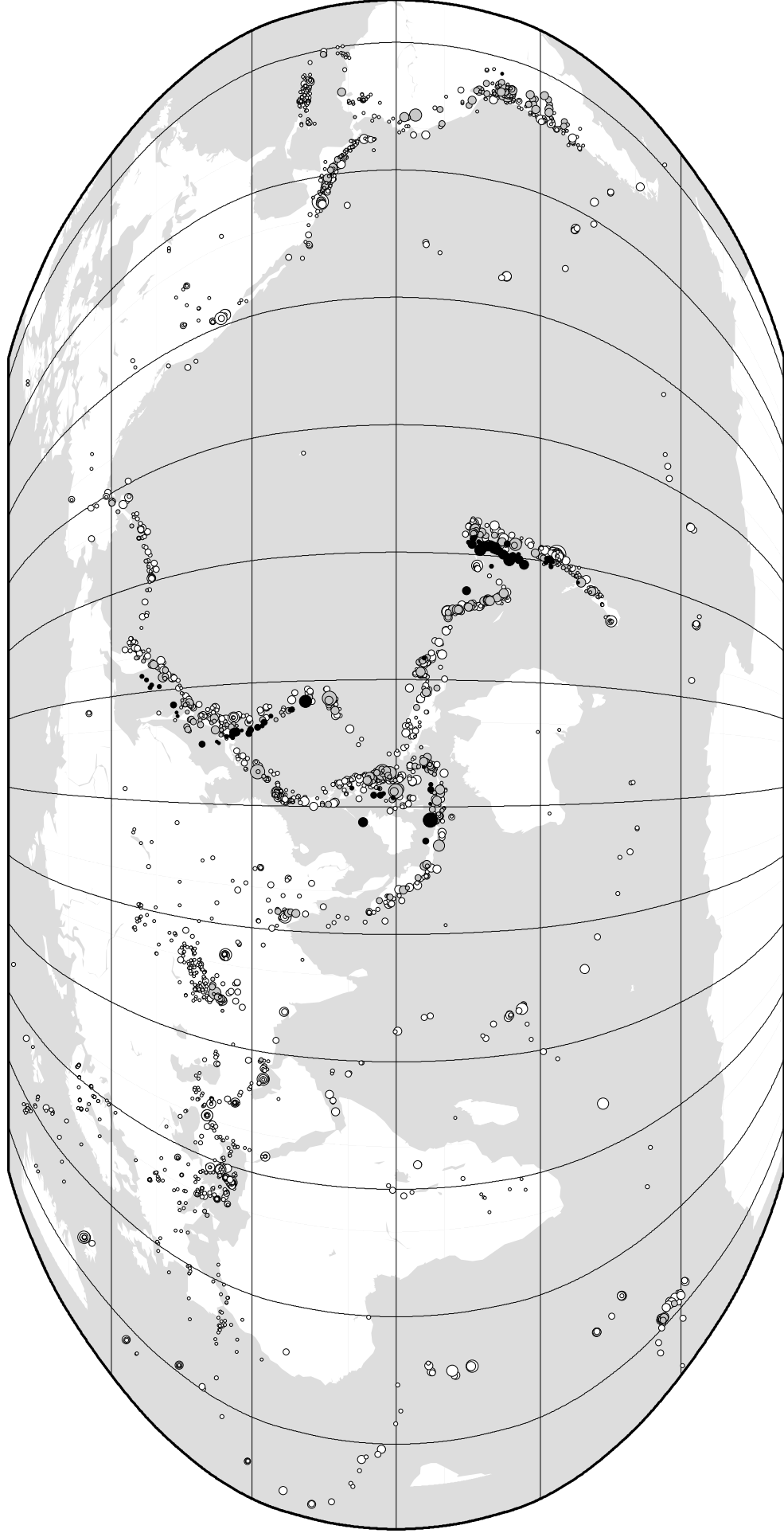
VAO 30 23:35:40.3+0.8, 23:86S, 66:72W, h204km, 4km, mb4.1, Presumed earthquake

Table of astronomical observations for 2020 JUN, listing station names, coordinates, and observation times.

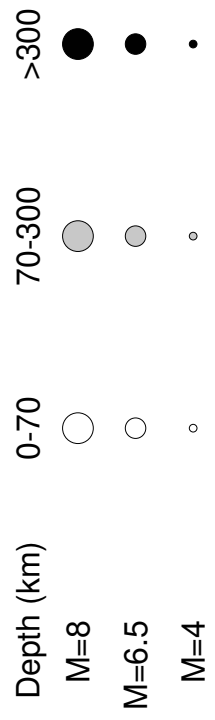
30d 23h

Table of astronomical observations for 30d 23h, listing station names, coordinates, and observation times.

ISC Computed Locations for June 2020



Robinson Projection, centred on 0°N,130°E



3447 Events